

# iPF830

## User's Guide

Basic Printing Workflow	15
-------------------------	----

Enhanced Printing Options	29
---------------------------	----

Printing CAD Drawings.....	40
Printing enlargements or reductions.....	60
Printing at full size.....	71
Borderless Printing.....	80
Printing banners or at other non-standard sizes.....	89
Tiling and multiple pages per sheet.....	102
Centering originals.....	116
and so on	

Windows Software	145
------------------	-----

Printer Driver.....	146
Preview.....	176
Free Layout.....	186
Color imageRUNNER Enlargement Copy.....	208
Print Plug-In for Office.....	217
and so on	

Mac OS Software	255
-----------------	-----

Printer Driver.....	256
Preview.....	274
Free Layout.....	295
and so on	

Handling and Use of Paper	319
---------------------------	-----

Control Panel	421
---------------	-----

Printer Parts	461
---------------	-----

Network Setting	475
-----------------	-----

Print Job Management	495
----------------------	-----

Adjustments for Better Print Quality	549
--------------------------------------	-----

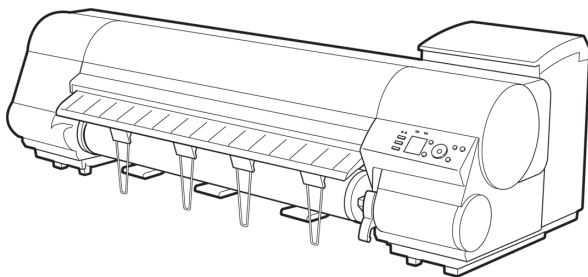
Maintenance and Consumables	565
-----------------------------	-----

Troubleshooting	605
-----------------	-----

Error Message	637
---------------	-----

Specifications	659
----------------	-----

Appendix	663
----------	-----



Manuals for this printer

Setup Guide

Quick Guide

Basic Guide Electronic manual

**User's Guide** Electronic manual

Paper Reference Guide Electronic manual

## Basic Printing Workflow 15

### Printing procedure 16

Printing Options Using Rolls and Sheets .....	16
Turning the Printer On and Off .....	17
Loading and Printing on Rolls .....	18
Loading and Printing on Sheets .....	20
Printing in Windows .....	21
Printing from Mac OS .....	22

### Canceling print jobs 24

Canceling Print Jobs from the Control Panel .....	24
Canceling Print Jobs from Windows .....	25
Canceling Print Jobs from Mac OS .....	25

### Pausing Printing 27

Pausing Printing .....	27
------------------------	----

## Enhanced Printing Options 29

### Choosing Paper for Printing 30

Choosing a Paper for Printing .....	30
Specifying Paper in the Printer Driver .....	30

### Printing Photos and Office Documents 31

Printing Photos and Images .....	31
Printing Photos and Images (Windows) .....	31
Printing Photos and Images (Mac OS) .....	33
Printing Office Documents .....	35
Printing Office Documents (Windows) .....	35
Printing Office Documents (Mac OS) .....	36
Using PosterArtist to Compose Originals .....	38

### Printing CAD Drawings 40

Printing CAD Drawings .....	40
Printing Line Drawings and Text .....	40
Printing Line Drawings and Text (Windows) .....	41
Printing Line Drawings and Text (Mac OS) .....	42
Printing from AutoCAD .....	44
Specifying Colors and Printing CAD Drawings .....	45
Specifying Colors and Printing CAD Drawings (Windows) .....	46
HP-GL/2 Printing .....	47

### Adjusting Images 48

Adjusting the Color in the Printer Driver .....	48
Fine-Tuning Colors of Photos and Images (Windows) .....	49
Fine-Tuning Colors of Photos and Images (Mac OS) .....	52
Giving Priority to Particular Graphic Elements and Colors for Printing .....	54
Choosing the Document Type and Printing Conditions (Windows) .....	56
Choosing the Document Type and Printing Conditions (Mac OS) .....	58

### Printing enlargements or reductions 60

Resizing Originals to Match the Paper Size .....	60
Resizing Originals to Match the Paper Size (Windows) .....	60
Resizing Originals to Fit the Roll Width .....	62
Resizing Originals to Fit the Roll Width (Windows) .....	62
Resizing Originals to Fit the Roll Width (Mac OS) .....	64
Resizing Originals by Entering a Scaling Value .....	66
Resizing Originals by Entering a Scaling Value (Windows) .....	67



Resizing Originals by Entering a Scaling Value (Mac OS) .....	68
<b>Printing at full size</b> .....	<b>71</b>
Printing on Oversize Paper .....	71
Printing at Full Size (Windows) .....	72
Printing at Full Size (Mac OS) .....	73
Borderless Printing at Actual Size .....	75
Borderless Printing at Actual Size (Windows) .....	76
Borderless Printing at Actual Size (Mac OS) .....	77
<b>Borderless Printing</b> .....	<b>80</b>
Borderless Printing on Paper of Equivalent Size .....	80
Borderless Printing by Resizing Originals to Match the Paper Size (Windows) .....	81
Borderless Printing by Resizing Originals to Fit the Roll Width .....	83
Borderless Printing by Resizing Originals to Fit the Roll Width (Windows) .....	84
Borderless Printing by Resizing Originals to Fit the Roll Width (Mac OS) .....	86
<b>Printing banners or at other non-standard sizes</b> .....	<b>89</b>
Printing Vertical or Horizontal Banners (Large-Format Printing) .....	89
Printing Vertical or Horizontal Banners (Large-Format Printing; Windows) .....	90
Printing Vertical or Horizontal Banners (Large-Format Printing; Mac OS) .....	93
Printing on Non-Standard Paper Sizes .....	96
Printing on Non-Standard Paper Sizes (Windows) .....	96
Printing on Non-Standard Paper Sizes (Mac OS) .....	99
<b>Tiling and multiple pages per sheet</b> .....	<b>102</b>
Printing Multiple Originals Next to Each Other .....	102
Printing Multiple Originals Next to Each Other (Windows) .....	103
Printing Multiple Originals Next to Each Other (Mac OS) .....	105
Printing Multiple Pages Continuously .....	106
Printing Multiple Pages Continuously (Windows) .....	106
Printing Multiple Pages Continuously (Mac OS) .....	108
Printing Multiple Pages Per Sheet .....	109
Printing Multiple Pages Per Sheet (Windows) .....	110
Printing Multiple Pages Per Sheet (Mac OS) .....	112
Printing Posters in Sections .....	114
Printing Large Posters (Windows) .....	114
<b>Centering originals</b> .....	<b>116</b>
Printing Originals Centered on Rolls .....	116
Printing Originals Centered on Rolls (Windows) .....	116
Printing Originals Centered on Rolls (Mac OS) .....	118
Printing Originals Centered on Sheets .....	120
Printing Originals Centered on Sheets (Windows) .....	120
Printing Originals Centered on Sheets (Mac OS) .....	122
<b>Conserving roll paper</b> .....	<b>125</b>
Conserving Roll Paper by Rotating Originals 90 Degrees .....	125
Conserving Roll Paper by Rotating Originals 90 Degrees (Windows) .....	125
Conserving Roll Paper by Rotating Originals 90 Degrees (Mac OS) .....	126
Conserving Roll Paper by Printing Originals Without Top and Bottom Margins .....	128
Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Windows) .....	129
Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Mac OS) .....	130
<b>Checking Images Before Printing</b> .....	<b>133</b>
Checking the Layout in a Preview Before Printing .....	133
<b>Other useful settings</b> .....	<b>134</b>
Printing With Watermarks .....	134
Printing with Watermarks—COPY, FILE COPY, and so on (Windows) .....	135
Making the Original Orientation Match the Paper Orientation .....	136
Making the Original Orientation Match the Paper Orientation (Windows) .....	137
Making the Original Orientation Match the Paper Orientation (Mac OS) .....	138
Using Favorites .....	140

Cutting Roll Paper After Printing .....	140
Cutting Roll Paper After Printing (Windows) .....	141
Cutting Roll Paper After Printing (Mac OS) .....	142

## Windows Software

145

### Printer Driver

146

Printer Driver Settings .....	146
Specifying Paper in the Printer Driver .....	148
Confirming Print Settings .....	149
Checking the Layout in a Preview Before Printing .....	149
Using Favorites .....	150
Accessing the Printer Driver Dialog Box from Applications .....	152
Accessing the Printer Driver Dialog Box from the Operating System Menu .....	153
Main Sheet .....	154
Paper Information on Printer Dialog Box .....	157
Paper Detailed Settings Dialog Box .....	158
View Settings Dialog Box for the Printing Application .....	159
Color Adjustment Sheet: Color .....	160
Object Adjustment Dialog box: Color .....	161
Matching Sheet .....	161
Color Adjustment Sheet: Monochrome .....	163
Object Adjustment Dialog box: Monochrome .....	164
Page Setup Sheet .....	165
Output Method Dialog box .....	167
Paper Size Options Dialog Box .....	168
Layout Sheet .....	169
Page Options Dialog Box .....	170
Special Settings Dialog Box .....	171
Favorites Sheet .....	172
Utility Sheet .....	173
Support Sheet .....	174
Settings Summaries Dialog Box .....	174
Device Settings Sheet .....	175

### Preview

176

The Features of Preview .....	176
Starting Preview .....	176
Preview Main Window .....	177
Dialog Area .....	179
Enlarge/Reduce the screen display .....	180
Moving a Page .....	180
Using the ruler .....	180
Priority setting for rotating 90 degrees .....	181
Printing with Selecting the Layout .....	182
Print on the Center .....	184
Not Print Spaces at the Top/Bottom .....	185

### Free Layout

186

The Features of Free Layout .....	186
Starting Free Layout .....	186
Free Layout Main Window .....	188
Detailed Settings .....	189
Preferences Dialog Box .....	190
Page Options Dialog Box .....	191
Zoom Dialog Box .....	192

Format Dialog Box .....	192
Laying out a Multiple-File Document on One Page .....	194
Laying out a Document Created with Multiple Application Programs on One Page .....	196
Selecting an Object .....	198
Changing the Object Size .....	198
Moving an Object .....	199
Rotating an Object .....	199
Laying out Objects Automatically .....	200
Aligning Objects .....	200
Changing the Object Overlapping Order .....	202
Pasting a Copied or Cut Object .....	203
Folded Duplex Window .....	204
Finished Size Settings Dialog Box .....	205
Binding Settings Dialog Box .....	206
Prints using Folded Duplex .....	207

## Color imageRUNNER Enlargement Copy 208

The Features of Color imageRUNNER Enlargement Copy .....	208
Starting Color imageRUNNER Enlargement Copy .....	208
Color imageRUNNER Enlargement Copy Dialog Box .....	209
Hot Folder .....	210
Creating a New Hot Folder .....	210
Specifying an Existing Shared Folder as a Hot Folder .....	213
Setting the Print Parameters .....	215
Printing Enlargements of Scanned Originals from a Color imageRUNNER .....	216

## Print Plug-In for Office 217

Print Plug-In for Office features .....	217
Steps to install .....	217
Steps to uninstall .....	220
When Print Plug-In for Office is not displayed .....	220
To start from Microsoft Word .....	223
Print Matching Roll Width(Word) .....	225
Borderless Printing(Word) .....	227
Multi-Page Printing(Word) .....	229
Register the settings (Word) .....	230
Print Using Registered Settings(Word) .....	231
Portrait Orientation/Landscape Orientation(Word) .....	233
To start from Microsoft PowerPoint .....	234
Print Matching Roll Width(PowerPoint) .....	236
Borderless Printing(PowerPoint) .....	237
Multi-Page Printing(PowerPoint) .....	239
Register the settings (PowerPoint) .....	241
Print Using Registered Settings(PowerPoint) .....	242
Portrait Orientation/Landscape Orientation(PowerPoint) .....	243
To start from Microsoft Excel .....	245
Print Entire Sheet(Excel) .....	246
Print Selected Area(Excel) .....	249
Configuring Binding (Excel) .....	251
Configuring Special Settings .....	252

## Mac OS Software 255

### Printer Driver 256

Printer Driver Settings .....	256
Specifying Paper in the Printer Driver .....	257
Confirming Print Settings .....	258
Checking the Layout in a Preview Before Printing .....	259
Using Favorites .....	259
Accessing the Printer Driver Dialog Box from Applications .....	260
Main Pane .....	260
Paper Detailed Settings Dialog Box .....	264

View set. Dialog Box for the Printing Application .....	266
Matching pane .....	266
Color Settings Pane: Color .....	268
Object Adjustment dialog box: Color .....	269
Color Settings Pane: Monochrome .....	270
Object Adjustment dialog box: Monochrome .....	271
Page Setup Pane .....	271
Additional Settings Pane .....	272

## Preview 274

The Features of Preview .....	274
Starting Preview .....	274
Preview Main Window .....	275
Paper Settings Panel .....	278
Easy Settings .....	279
Advanced Settings .....	280
Output Settings Panel .....	281
Color Settings Panel .....	283
Color Adjustment .....	284
Matching .....	285
Driver Matching Mode .....	287
ICC Matching Mode .....	288
ColorSync .....	289
Preferences Dialog Box .....	289
Zoom Dialog Box .....	289
Go to Page Dialog Box .....	290
Print with No Borders .....	290
Print on the Center .....	291
Not Print Spaces at the Top/Bottom .....	291
Print Page Rotated 90 Degrees .....	292
Display with Fitting to the Width of the Paper .....	292
Display with All .....	292
Display with Actual Size .....	293
Moving a Page .....	293

## Free Layout 295

The Features of Free Layout .....	295
Starting Free Layout .....	295
Free Layout Main Window .....	296
Paper Settings Panel .....	298
Easy Settings .....	299
Advanced Settings .....	300
Color Settings Panel .....	301
Color Adjustment .....	302
Matching .....	304
Driver Matching Mode .....	306
ICC Matching Mode .....	307
ColorSync .....	308
Preferences Dialog Box .....	308
Page Setup Dialog Box .....	309
Zoom Dialog Box .....	310
Format Dialog Box .....	311
Laying out a Multiple-File Document on One Page .....	311
Laying out a Document Created with Multiple Application Programs on One Page .....	312
Selecting an Object .....	312
Changing the Object Size .....	312
Moving an Object .....	313
Rotating an Object .....	313
Laying out Objects Automatically .....	314
Aligning Objects .....	314
Changing the Object Overlapping Order .....	316
Pasting a Copied or Cut Object .....	317

**Handling and Use of Paper****319****Paper****320**

Types of Paper .....	320
Paper Sizes .....	320
Using Paper Other Than Genuine Paper and feed confirmed Paper .....	322
Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings .....	323
Displaying the Paper Reference Guide .....	323
Updating paper information .....	326

**Handling rolls****330**

Attaching the Roll Holder to Rolls .....	330
Loading Rolls in the Printer .....	333
Changing the Type of Paper .....	336
Specifying the Paper Length .....	337
Removing the Roll from the Printer .....	338
Removing the Roll Holder from Rolls .....	340
Feeding Roll Paper Manually .....	341
Keeping Track of the Amount of Roll Paper Left .....	341
Specifying the Ink Drying Time for Rolls .....	342
Specifying the Cutting Method for Rolls .....	344
Cutting the Leading Edge of Roll Paper Automatically .....	350
Reducing Dust from Cutting Rolls .....	351
Roll Holder Set .....	352

**Handling sheets****353**

Loading Sheets in the Printer .....	353
Printing From a Desired Starting Point .....	355
Removing Sheets .....	357

**Output Stacker****359**

Using the Stationary Output Stacker .....	359
Stowing the Stationary Output Stacker .....	360
Wheeled Output Stacker .....	362
Using the Wheeled Output Stacker .....	362

**Media take-up unit****365**

Media Take-up Unit (Optional) .....	365
Using the Media Take-up Unit (Optional) .....	365
Enabling Roll Take-Up .....	366
Disabling Roll Take-Up .....	366
Loading the Rewind Spool on the Media Take-up Unit .....	367
Removing Printed Documents from the Media Take-up Unit (Optional) .....	372

**Media Configuration Tool (Windows)****375**

The Features of Media Configuration Tool .....	375
Installation Procedures .....	375
Updating Media Information After Installation .....	377
Media Configuration Tool Main Window .....	381
Editing Media Type Information for Genuine Paper and Feed Confirmed Paper .....	382
Adding Media Types .....	383
Changing Media Names .....	387
Deleting Media Types You Have Added .....	389
Switching Media Types Display Show/Hide .....	391
Changing the Display Order of Media Types .....	393
Applying a Saved Media Information File on Another Computer .....	395
Checking the update .....	396

**Media Configuration Tool (Mac OS)****397**

The Features of Media Configuration Tool .....	397
Procedures for Installing .....	397
Updating Media Information After Installation .....	399
Media Configuration Tool Main Window .....	403

Editing Media Type Information for Genuine Paper and Feed Confirmed Paper .....	405
Adding Media Types .....	406
Changing Media Names .....	410
Deleting Media Types You Have Added .....	413
Switching Media Types Display Show/Hide .....	414
Changing the Display Order of Media Types .....	416
Applying a Saved Media Information File on Another Computer .....	418
Checking the update .....	420

## Control Panel 421

### Operations and Display Screen 422

Control Panel .....	422
Control Panel Display .....	424
How to View Instructions With Navigate .....	428
Checking Instructions During Printer Operations .....	430

### Printer Menu 431

Printer Menu Operations .....	431
Menu Operations .....	432
Menu Structure .....	435
Menu Settings .....	442
Status Print .....	453
Printing Interface Setting Reports .....	456
Setting Control panel access lock .....	458

## Printer Parts 461

### Printer parts 462

Front .....	462
Back .....	464
Top Cover (Inside) .....	465
Carriage .....	466
Ink Tank Cover (Inside) .....	466
Stationary Output Stacker .....	467
Media Take-up Unit(Optional) .....	468

### Hard Disk 470

Printer Hard Disk Operations .....	470
Checking the Free Hard Disk Space .....	471
Erasing Data on the Printer's Hard Disk .....	472

### Optional accessories 474

Media Take-up Unit .....	474
--------------------------	-----

## Network Setting 475

### Network Environment 476

Network Environment .....	476
---------------------------	-----

### Using RemoteUI 478

Using RemoteUI .....	478
----------------------	-----

### Initial Settings 480

Configuring the IP Address on the Printer .....	480
Configuring the IP Address Using the Printer Control Panel .....	480
Configuring the IP Address Using ARP and PING Commands .....	481
Configuring TCP/IPv6 Network Settings .....	482
Configuring the Printer Driver Destination (Windows) .....	483
Configuring the Printer Driver Destination (Mac OS) .....	483

Configuring the Printer's TCP/IP Network Settings With RemoteUI ..... 484

## Mac OS Settings 487

Configuring the Destination in TCP/IP Networks ..... 487

Configuring the Destination for Bonjour Network ..... 487

## Other Settings 488

Specifying Printer-Related Information ..... 488

Configuring the Communication Mode Manually ..... 489

Email Notification When Printing is Finished or Errors Occur ..... 490

Initializing the Network Settings ..... 490

## Device Setup Utility (Windows) 491

imagePROGRAF Device Setup Utility ..... 491

Installing imagePROGRAF Device Setup Utility ..... 491

Configuring the IP Address Using imagePROGRAF Device Setup Utility ..... 491

# Print Job Management 495

## Status Monitor (Windows) 496

The Features of imagePROGRAF Status Monitor ..... 496

Job Management Using imagePROGRAF Status Monitor ..... 497

## Printmonitor (Mac OS) 499

The Features of imagePROGRAF Printmonitor ..... 499

Job Management Using imagePROGRAF Printmonitor ..... 500

## Accounting (Windows) 501

Accounting Manager ..... 501

Launching the Accounting Manager ..... 501

Accounting Manager Main Window ..... 502

    Job List Area ..... 504

Accounting Manager Basic Procedures ..... 505

Configuring Unit Costs in Accounting Manager ..... 505

    Setting the Unit Cost for Ink ..... 506

    Setting the Unit Cost for Paper ..... 507

    Setting the Unit Cost for Items Other Than Ink and Paper ..... 508

Configuring Units and Display Settings in Accounting Manager ..... 509

Automatically Acquiring Print Job Logs at Regular Intervals ..... 509

Canceling Regular Print Job Log Acquisition ..... 510

Switching Between Displaying Jobs on Printer and Regularly Acquired Jobs ..... 510

Exporting Print Job Data as a CSV File ..... 510

Displaying Job Properties or Period Properties ..... 511

Showing, Saving and Loading Selected Unit Cost Data ..... 512

Showing the Total Amount of Ink and Paper Consumed ..... 512

## Basic Print Job Operations 513

Using the Printer Hard Disk ..... 513

Saving Print Jobs on the Printer Hard Disk ..... 514

Managing the Job Queue (Deleting or Preempting Other Jobs) ..... 517

Managing Pending Jobs (Printing or Deleting Jobs on Hold) ..... 519

Printing Saved Jobs ..... 521

Deleting Saved Jobs ..... 525

Moving Saved Jobs ..... 528

## Advanced Print Job Operations 532

Saving Print Jobs Sent from Sources Other than the Printer Driver ..... 532

Printing Without Saving Jobs in the Common Box ..... 533

Setting Passwords for Personal Boxes ..... 534

Naming Personal Boxes ..... 537

Displaying a List of Saved Jobs ..... 539

Printing a List of Saved Jobs ..... 542

Displaying Details of Saved Jobs ..... 543

Renaming Saved Jobs .....	545
---------------------------	-----

## Adjustments for Better Print Quality 549

### Adjusting the Printhead 550

Adjusting the Printhead .....	550
Automatic Adjustment to Straighten Lines and Colors .....	550
Manual Adjustment to Straighten Lines and Colors .....	552
Adjustment When Installing the Printhead .....	553
Adjusting Line Misalignment .....	554
Troubleshooting Paper Abrasion and Blurry Images .....	556

### Adjusting the feed amount 558

Adjusting the Feed Amount .....	558
Selecting a Feed Amount Adjustment Method .....	558
Automatic Banding Adjustment .....	559
Manual Banding Adjustment .....	560
Fine-Tuning the Paper Feed Amount .....	562
Adjusting Line Length .....	562
Adjusting the Vacuum Strength .....	564

## Maintenance and Consumables 565

### Ink Tanks 566

Ink Tanks .....	566
Replacing Ink Tanks .....	566
Checking Ink Tank Levels .....	575
When to Replace Ink Tanks .....	575

### Printheads 577

Printhead .....	577
Checking for Nozzle Clogging .....	577
Cleaning the Printhead .....	578
Replacing the Printhead .....	579

### Maintenance Cartridge 585

Maintenance Cartridge .....	585
Replacing the Maintenance Cartridge .....	585
Checking the Remaining Maintenance Cartridge Capacity .....	589
When to Replace the Maintenance Cartridge .....	590

### Cleaning the Printer 591

Cleaning the Printer Exterior .....	591
Cleaning Inside the Top Cover .....	591

### Other Maintenance 594

Preparing to Transfer the Printer .....	594
Reinstalling the Printer .....	599
Updating the Firmware .....	603



# Troubleshooting 605

## Frequently Asked Questions 606

Frequently Asked Questions ..... 606

## Problems Regarding Paper 607

Clearing Jammed Roll Paper ..... 607  
 Clearing a Jammed Sheet ..... 610  
 Troubleshooting When Paper Jams are not Found ..... 612  
 Roll paper cannot be inserted into the Paper Feed Slot ..... 614  
 Cannot load sheets ..... 614  
 Paper is not cut neatly ..... 614  
 Paper is not cut ..... 614  
 The Media Take-up Unit Continues Rotating ..... 614  
 The size of clear film cannot be detected ..... 615

## Printing does not start 616

The Data lamp on the Control Panel does not light up ..... 616  
 The printer does not respond even if print jobs are sent ..... 616  
 Ink Filling.. is displayed ..... 616  
 The display screen indicates Agitating ..... 617

## The printer stops during a print job 618

An error message is shown on the Display Screen ..... 618  
 The printer ejects blank, unprinted paper ..... 618

## Problems with the printing quality 619

Printing is faint ..... 619  
 Paper rubs against the Printhead ..... 620  
 The edges of the paper are dirty ..... 620  
 The surface of the paper is dirty ..... 621  
 The back side of the paper is dirty ..... 621  
 Printed colors are inaccurate ..... 621  
 Banding in different colors occurs ..... 622  
 Colors in printed images are uneven ..... 622  
 Image edges are blurred or white banding occurs ..... 623  
     Setting the Blue Switch on the Platen ..... 623  
 The contrast becomes uneven during printing ..... 626  
 The length of printed images is inaccurate in the feeding direction ..... 626  
 Images are printed crooked ..... 626  
 Documents are printed in monochrome ..... 626  
 Line thickness is not uniform ..... 627  
 Lines are misaligned ..... 627

## Cannot print over a network 628

Cannot connect the printer to the network ..... 628  
 Cannot print over a TCP/IP network ..... 628  
 Cannot print over a Bonjour network ..... 628

## Installation problems 629

Removing Installed Printer Drivers ..... 629

## HP-GL/2 problems 630

With HP-GL/2, printing is misaligned ..... 630  
 Lines or images are missing in printed HP-GL/2 jobs. .... 630  
 Lines are printed too thick or thin in HP-GL/2 print jobs ..... 630  
 HP-GL/2 jobs are printed in monochrome (or color) ..... 630  
 Printed colors of lines are inaccurate during HP-GL/2 printing ..... 631  
 HP-GL/2 jobs are printed 6 mm larger than specified ..... 631  
 HP-GL/2 jobs are printed at maximum size, even if a standard size is specified ..... 631  
 HP-GL/2 printing takes a long time ..... 631  
 The printer stops when printing a HP-GL/2 job (the carriage stops moving) ..... 631

<b>Other problems</b>	<b>632</b>
The printer does not go on .....	632
Cannot operate from the Control Panel .....	632
The printer takes time to start up .....	632
If the Printer Makes a Strange Sound .....	633
Messages advising to check the maintenance cartridge are not cleared .....	633
The printer consumes a lot of ink .....	633
Ink Level Detection .....	633

## Error Message 637

### Error Messages 638

#### Messages regarding paper 640

MediaType Mismatch .....	640
PaprTypeMismatch .....	640
The paper is too small. ....	641
The paper is too small. ....	641
PaprWidth Mismatch .....	641
Paper size not detected. ....	642
Insufficient paper for job .....	642
This paper cannot be used as size is not supported. ....	643
Roll printing is selected. ....	643
Roll printing is selected, but sheets are loaded. ....	643
The roll is empty. ....	643
Sheet removed. ....	644
Sheet printing is selected. ....	644
Regular printing is selected, but a roll is loaded. ....	644
Paper jam. ....	645
Paper loaded askew. ....	645
Paper cutting failed. ....	645
End of paper feed. ....	646
Rel lever is in wrong position. ....	646
Rewinding error. ....	646
Media take-up unit ready. ....	646
Turn on the media take-up unit. ....	647
Borderless printing not possible. ....	647
Paper position not suitable for borderless printing. ....	647

#### Messages regarding ink 649

Ink insufficient. ....	649
No ink left. ....	649
Remaining level of the ink cannot be correctly detected. Check ink tank. ....	649
Close Ink Tank Cover .....	649
Ink tank is empty. ....	649
Not much ink is left. ....	650
No ink tank loaded. ....	650
The following ink tanks cannot be recognized. ....	650
Wrong ink tank. ....	650

#### Messages regarding printing or adjustment 651

Cannot print as specified. ....	651
Borderless printing not possible. Paper stretched or shrank. ....	651
Before borderless printing, move the blue platen switch. ....	651
Blue platen switch is dirty. ....	651
Move the blue platen switch No.xx to the right. (xx represents a number) ....	651
Check printed document. ....	651

#### Messages regarding printheads 652

Cannot adjust printhead. ....	652
Wrong printhead. ....	652
Printhead error .....	652

Cannot recognize print head. ....	652
Execute printhead cleaning. ....	653

### Messages regarding the maintenance cartridge 654

Insert the maintenance cartridge. ....	654
Wrong maintenance cartridge. ....	654
Maint. cart. The level is low ....	654
No Maintenance Cartridge capacity. ....	654
Maintenance cartridge full. ....	654
Maintenance cartridge problem. ....	654

### Messages regarding the hard disk 655

Hard disk error. ....	655
File read error. ....	655
The mail box is full. ....	655
Mail box full. Now printing without saving data. ....	655
Mail box nearly full. ....	655
Maximum jobs stored. ....	655
Mail box full. Delete unwanted data ....	655

### Messages regarding HP-GL/2 656

This type of paper is not compatible with HP-GL/2. ....	656
GL2: Wxxxx The memory is full. (xxxx is 0501, 0903, or 0904) ....	656
GL2: W0502 The parameter is out of range. ....	656
GL2: W0504 This command is not supported. ....	656

### Other Messages 657

GARO Wxxxx (x represents a number) ....	657
ERROR Exxx-xxxx (x represents a letter or number) ....	657
Hardware error. xxxxxxxx-xxxx (x represents a letter or number) ....	657
Top cover is open. ....	657
Prepare for parts replacement. ....	658
Parts replacement time has passed. ....	658
Unknown file. ....	658
Multi-sensor error ....	658

## Specifications 659

### Printer Specifications 660

Specifications ....	660
Print Area ....	661

## Appendix 663

### Safety Precautions 664

Safety Precautions ....	664
Legal Notices ....	666

### Manuals for this printer 668

Manuals for this printer ....	668
About This User Manual ....	668

### Disposal of the product 670

WEEE Directive ....	670
---------------------	-----

# Memo

## Basic Printing Workflow

Printing procedure .....	16
Canceling print jobs .....	24
Pausing Printing .....	27

Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

## Printing procedure

Printing Options Using Rolls and Sheets .....	16
Turning the Printer On and Off .....	17
Loading and Printing on Rolls .....	18
Loading and Printing on Sheets .....	20
→ Specifying Paper in the Printer Driver (Windows) .....	148
→ Specifying Paper in the Printer Driver (Mac OS) .....	257
Printing in Windows .....	21
Printing from Mac OS .....	22

### Printing Options Using Rolls and Sheets

The printer supports both rolls and sheets.

This section introduces the main features of each, as well as the main printing methods available. Select rolls or sheets to suit your particular printing application.



Note

- For information on the types of paper the printer supports, see "Types of Paper." →P.320
- A variety of other ways to print are available besides those introduced here. For details, see "Enhanced Printing Options." →P.29

#### Roll printing

Media in spooled rolls is generally called Roll Media. Rolls are loaded on the Roll Holder, which are in turn loaded in the printer.

Rolls can be used to print large photos or create posters or banners that cannot be printed on regular sheets.

- Large-format printing  
Easily print vertical or horizontal banners from familiar applications such as Microsoft Office applications. (See "Printing Vertical or Horizontal Banners (Large-Format Printing).") →P.89
- Borderless printing  
Print without a margin (border) around posters or photos. (See "Borderless Printing on Paper of Equivalent Size.") →P.80  
(See "Borderless Printing by Resizing Originals to Fit the Roll Width.") →P.83  
(See "Borderless Printing at Actual Size.") →P.75
- Banner printing  
You can print multiple pages as a single continuous image, without margins between pages. (See "Printing Multiple Pages Continuously.") →P.106
- 90-degree rotation before printing  
Originals in portrait orientation are rotated 90 degrees when possible to use paper more efficiently. (See "Conserving Roll Paper by Rotating Originals 90 Degrees.") →P.125
- Enlarged/reduced printing  
You can freely adjust the size of originals by enlarging or reducing originals before printing. (See "Resizing Originals to Match the Paper Size.") →P.60  
(See "Resizing Originals to Fit the Roll Width.") →P.62  
(See "Resizing Originals by Entering a Scaling Value.") →P.66
- Free Layout (Windows) and imagePROGRAF Free Layout (Mac OS)  
Print multiple documents from multiple applications (such as word-processing programs, spreadsheet programs, and so on) next to each other. (See "Printing Multiple Originals Next to Each Other.") →P.102

#### Sheet printing

Sheets refer to individual sheets of paper.

Insert the sheet between the Platen and the Paper Retainer.

- Enlarged/reduced printing

You can freely adjust the size of originals by enlarging or reducing originals before printing.

(See "Resizing Originals to Match the Paper Size.") →P.60

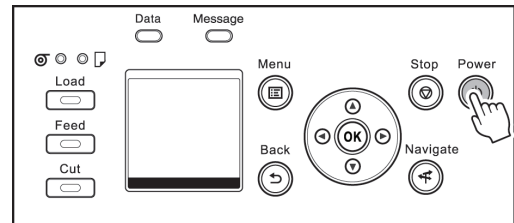
(See "Resizing Originals by Entering a Scaling Value.") →P.66

- Free Layout (Windows) and imagePROGRAF Free Layout (Mac OS)  
Print multiple documents from multiple applications (such as word-processing programs, spreadsheet programs, and so on) next to each other.  
(See "Printing Multiple Originals Next to Each Other.") →P.102

## Turning the Printer On and Off

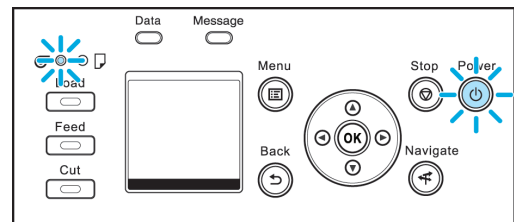
### Turning the printer on

- 1 Press the **Power** button to turn on the printer.  
The printer will now start up.  
After the Display Screen shows the Canon logo, "**Starting up Please wait.**" is displayed.



- 2 The printer goes online in preparation for printing after startup, and the Online lamp and paper source section lamp remain lit.

The printer will not go online in the following situations.  
Take action as needed.



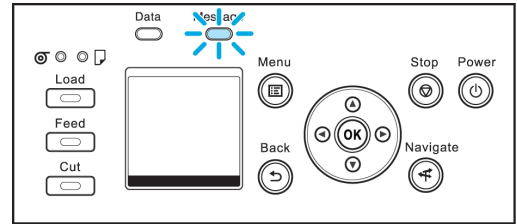
- The Top Cover is open  
Close the Top Cover.
- The Ink Tank Cover is open  
Close the Ink Tank Cover.
- The Printhead is not installed  
Please see "Replacing the Printhead." →P.579
- Ink Tank is not installed  
Please see "Replacing Ink Tanks." →P.566
- "**ERROR**" is shown on the Display Screen  
Turn off the printer and contact your Canon dealer.
- The Online lamp and Message lamp are not lit (even once), and nothing appears on the Display Screen  
Make sure the printer is plugged in correctly. Check the connection at the plug and electrical outlet.
- No paper is loaded  
Load paper. (See "Loading and Printing on Rolls.") →P.18 (See "Loading and Printing on Sheets.") →P.20

### Turning the printer off

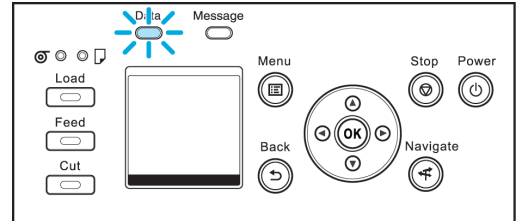


- Never disconnect the printer's power supply or unplug it during a print job. This may damage the printer.

**1** Make sure no print jobs are in progress. If the **Message Lamp** is flashing, check the message on the Display Screen and take action as necessary. (See "Error Messages.") →P.638

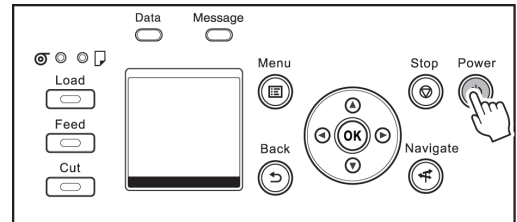


If the **Data Lamp** is flashing, the printer is receiving a print job. Turn off the printer only after printing is finished.



**2** Hold down the **Power** button for more than a second.

After "Shut Down.. Please Wait.." is shown on the Display Screen, the printer shuts off.



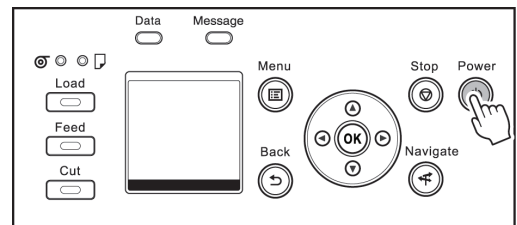
### Loading and Printing on Rolls

These are the basic steps for loading and printing on rolls. Follow these steps to load and print on rolls.



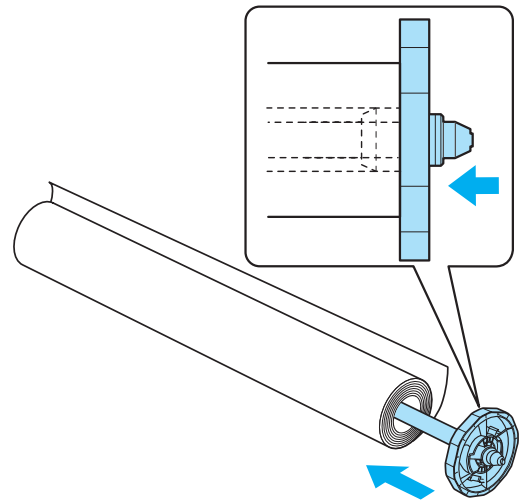
- For details on supported sizes and types of rolls, see **Paper Sizes** or the **Paper Reference Guide**. (See "Paper Sizes.") →P.320 (See "Types of Paper.") →P.320
- To wait until the ink dries after printing before cutting the roll, set **Drying Time** in the printer driver. (See "Specifying the Ink Drying Time for Rolls.") →P.342
- Once you have used all the paper on a roll, clean the platen. If the Platen inside the Top Cover becomes dirty, it may soil the underside of paper. (See "Cleaning Inside the Top Cover.") →P.591

**1** Turn the printer on. (See "Turning the Printer On and Off.") →P.17

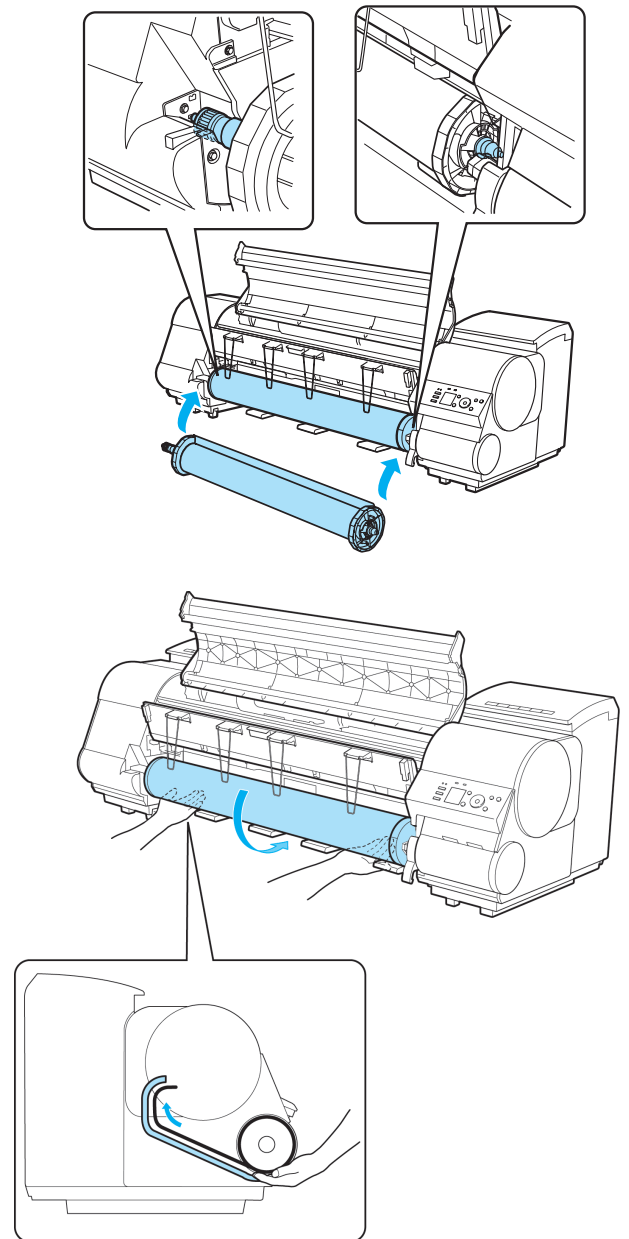




**2** Load the roll on the Roll Holder. (See "Attaching the Roll Holder to Rolls.") →P.330

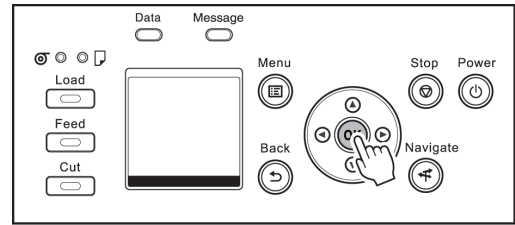


**3** Load the roll in the printer. (See "Loading Rolls in the Printer.") →P.333



• When printing without borders, definitely set the blue Switch on the platen to the ● side. If the switch is set incorrectly, print quality may deteriorate. (See "Setting the Blue Switch on the Platen.") →P.623

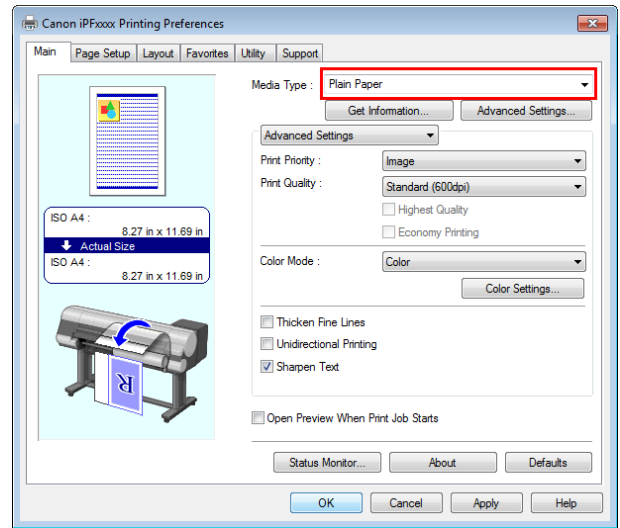
**4** Select the type of paper. (See "Changing the Type of Paper.") →P.336



If no barcode has been printed on the roll and you have set **ManageRemainRoll** to **On**, specify the roll length after the type of paper. (See "Specifying the Paper Length.") →P.337

**5** Complete settings in the printer driver for the type of paper and other details.

- Specifying Paper in the Printer Driver (Windows) →P.148
- Specifying Paper in the Printer Driver (Mac OS) →P.257



**6** Send the print job.

- Printing in Windows →P.21
- Printing from Mac OS →P.22

The printer now starts printing the print job.

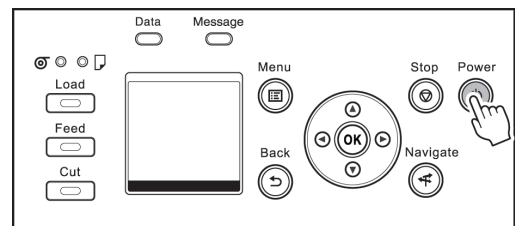
## Loading and Printing on Sheets

These are the basic steps for loading sheets and then printing. Follow the steps below to load and print on sheets.



- For details on supported types and sizes of paper, see **Paper Sizes** or the **Paper Reference Guide**. (See "Paper Sizes.") →P.320 (See "Types of Paper.") →P.320
- Borderless printing is not supported on sheets. For the features and the main printing methods available for sheet printing, see "Printing Options Using Rolls and Sheets." →P.16

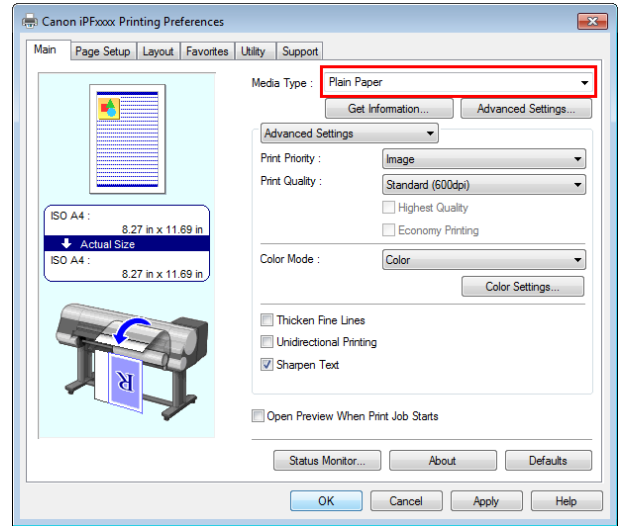
**1** Turn the printer on. (See "Turning the Printer On and Off.") →P.17



**2** Complete settings in the printer driver for the type of paper and other details.

- Specifying Paper in the Printer Driver (Windows) →P.148

- Specifying Paper in the Printer Driver (Mac OS) →P.257

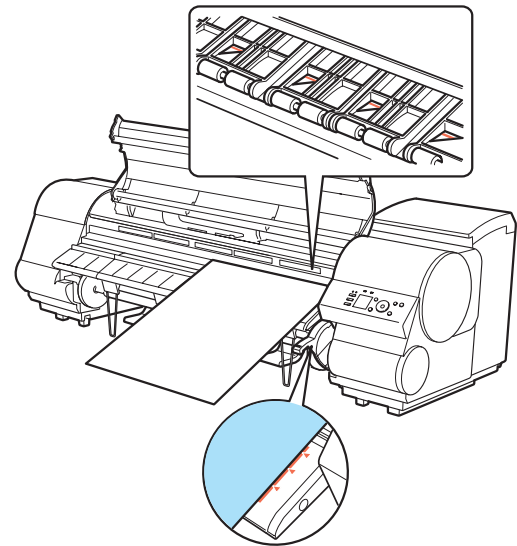


**3** Send the print job.

- Printing in Windows →P.21
- Printing from Mac OS →P.22

**4** Load the sheet. (See "Loading Sheets in the Printer.") →P.353

Start printing.



**Printing in Windows**

Print from the application menu.



Important

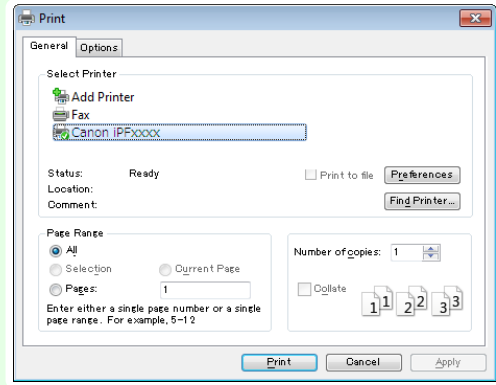
- We recommend exiting unnecessary applications before printing. Running several applications while printing may interrupt the transfer of print data and affect printing quality.

**1** In the source application, select **Print** from the **File** menu to display the dialog box for printing conditions.

**2** After confirming that the printer is selected in the dialog box, click **Print** or **OK** to start printing.



- The appearance of the dialog box varies depending on the software application. In most cases, the dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on. Example: Print dialog box displayed by the application



- If another printer is selected, select the printer you want to use under **Select Printer** or in the dialog box displayed after clicking **Printer**.

Settings for many printing methods (including enlarged or reduced printing, borderless printing, and so on) are displayed in the printer driver dialog box. There are two ways to access the printer driver dialog box, as follows.

- From the application  
(See "Accessing the Printer Driver Dialog Box from Applications .") →P.152
- From the operating system menu  
(See "Accessing the Printer Driver Dialog Box from the Operating System Menu .") →P.153

## Printing from Mac OS

Print from the application menu after registering the printer.



- We recommend exiting unnecessary applications before printing. Running several applications while printing may interrupt the transfer of print data and affect printing quality.

### Registering the printer

The printer needs to be registered in **Print & Scan** (identified as **Printers & Scanners** or **Print & Fax** in other versions of Mac OS X) in **System Preferences** before printing.

For instructions on registering the printer, see "Configuring the Printer Driver Destination ." →P.483



- During this setup process, the printer will not be listed among available printers if it is off or disconnected.

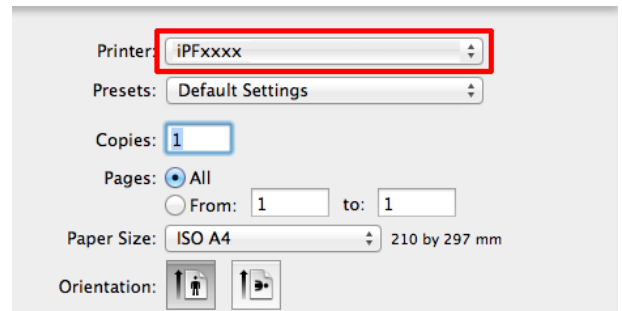
### Printing from the application software

**1** In the application software, select **Print** from the **File** menu to display the dialog box for printing conditions.



- This dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on.

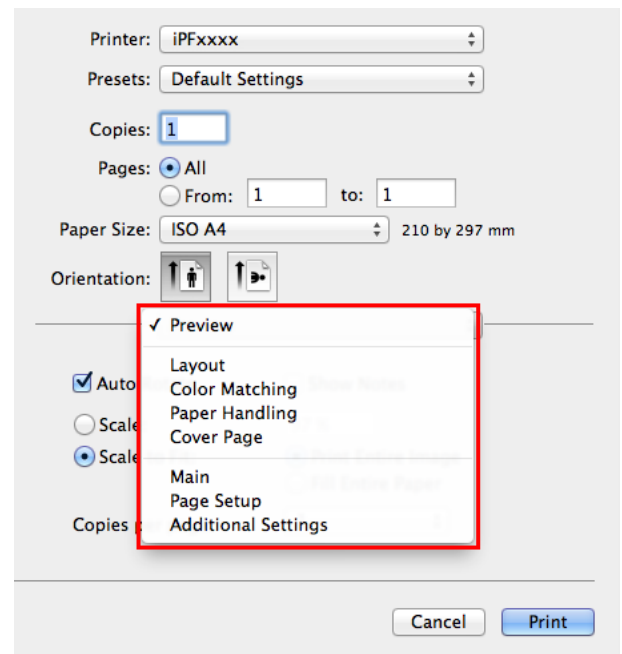
**2** Select the printer in the **Printer** list.



**3**

Click **Print** to start printing.

As shown in the following illustration, you can switch to other panes in this dialog box to complete settings for various methods of printing, including enlarged and reduced printing, borderless printing, and so on.

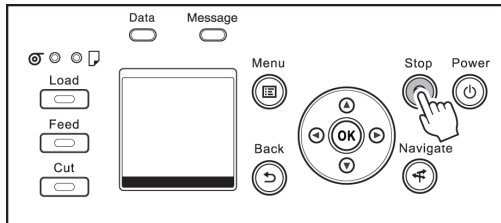


# Canceling print jobs

- Canceling Print Jobs from the Control Panel ..... 24
- Canceling Print Jobs from Windows ..... 25
- Canceling Print Jobs from Mac OS ..... 25

## Canceling Print Jobs from the Control Panel

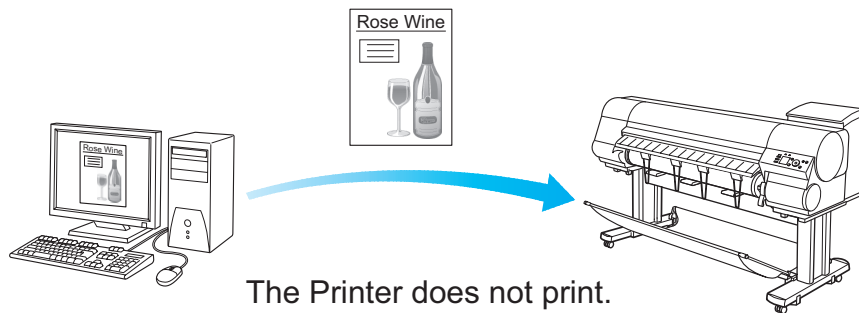
To cancel printing or reception of print jobs, press the **Stop** button on the Control Panel.



When you press the **Stop** button during printing, printer operation varies depending on the current status.

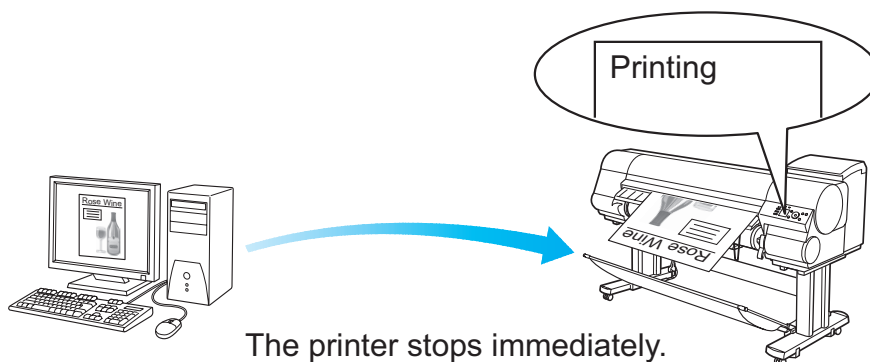
- If you press the **Stop** button before printing starts

Pressing the **Stop** button before printing starts will display a confirmation message. To cancel the print job, select **Yes**.



- If you press the **Stop** button during printing

Pressing the **Stop** button during printing will display a confirmation message. To cancel the print job immediately, select **Yes**.



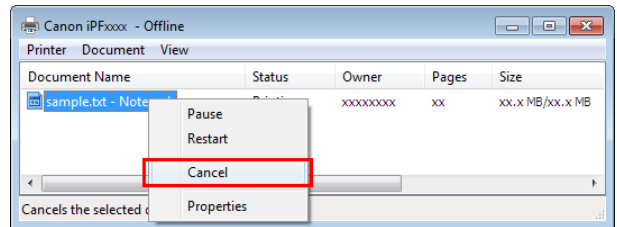
## Canceling Print Jobs from Windows

In the printer window, you can cancel jobs that are being sent to the printer. Using **imagePROGRAF Status Monitor**, you can cancel print jobs that have already been received by the printer or that are currently being printed.

**1** Click the printer icon in the taskbar to display the printer window.

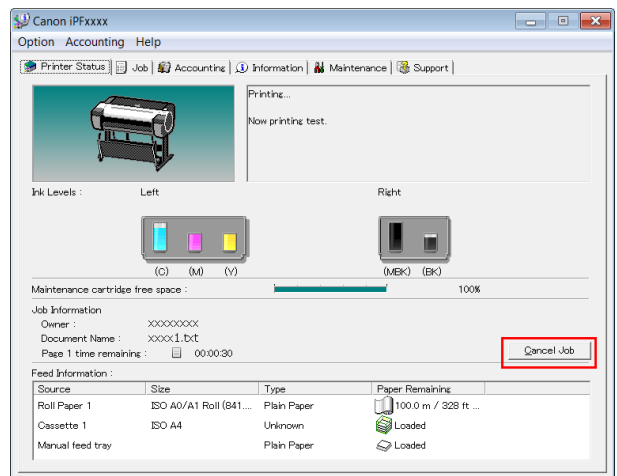
**Note** • You can proceed from the folder for configuring the printer settings in the OS you are using. For example, in Windows 7, open the **Devices and Printers** window from the **start** menu and double-click the printer icon.

**2** Right-click the job to cancel and select **Cancel**.



**3** If the job to cancel is not shown in the printer window (that is, if the print data has already been received by the printer), double-click the taskbar icon to display **imagePROGRAF Status Monitor**.

**4** On the **Printer Status** sheet, click **Cancel Job**.



**Note** • The screen may differ slightly depending on the model you are using.

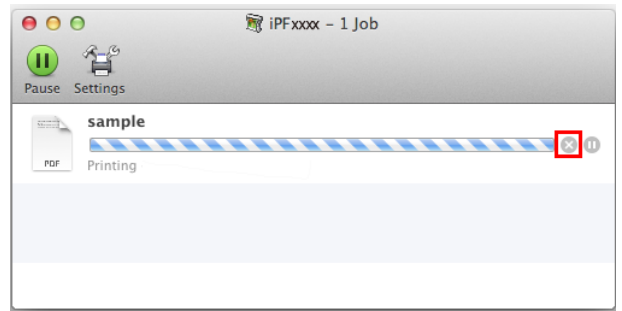
## Canceling Print Jobs from Mac OS

In the printer window, you can cancel jobs that are being sent to the printer. Otherwise, you can cancel jobs from **imagePROGRAF Printmonitor** if they have been received by the printer or are currently being printed.

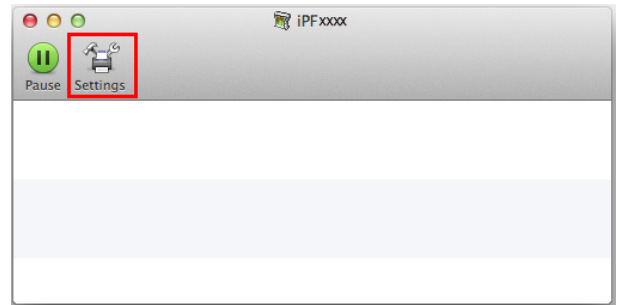
**Note** • Print jobs are shown in the printer window while they are being sent from the computer. After transmission, jobs are not displayed even during printing.  
• Print jobs are displayed in the **imagePROGRAF Printmonitor** window from the moment the printer starts receiving the print data until the moment printing is finished. They are not displayed before print data is sent to the printer, even if the computer has started preparing the print data.


**1** Click the printer icon in the **Dock** to display the printer window.

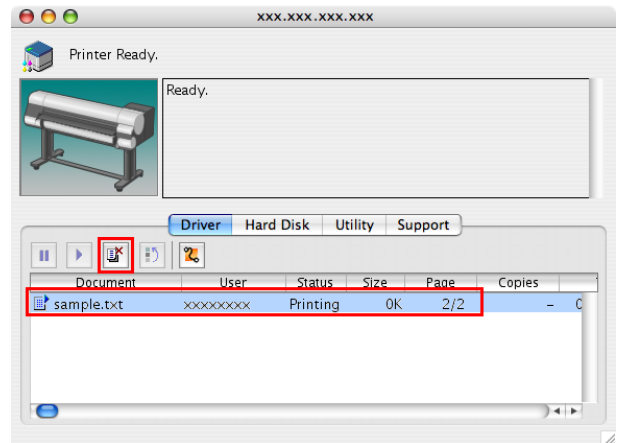
**2** Either click **✕** for the job to cancel printing or select the job to cancel printing and then click **Delete** to delete the job.




**3** If there are no jobs to stop in the printer window (if sending the print data to the printer has finished), either click **Settings**, **Utility**, and then **Open Printer Utility**, or click **Utility** to open the imagePROGRAF Printmonitor.




**4** Select the print job to cancel and click  to delete the print job.



 **Note** • The screen may differ slightly depending on the model you are using.

The job sent to the printer is canceled.

**5** Exit imagePROGRAF Printmonitor. In the printer window, click **Resume** or **Resume Printer**.

 **Important** • Always follow these steps if you cancel print jobs from imagePROGRAF Printmonitor. If you do not restart job processing, the next job cannot be printed.





# Pausing Printing

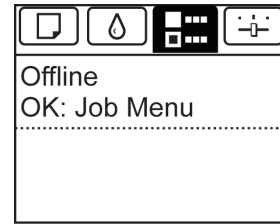
## Pausing Printing


During printing, if you set **Pause Print** in the Control Panel menu to **On**, printing is stopped at that point and the printer enters a state in which printing is paused. (See "Control Panel Display.") →P.424  
Printing from the job queue is not possible in this state.

To restore normal operation after this state, set **Pause Print** to **Off**.

-  **Note**
  - In the following cases, the status is cleared even if you do not set **Pause Print** to **Off**, and printing from the job queue resumes.
    - When paper is advanced
    - When you execute **Chg. Paper Type** in the **Paper Menu**

**1** During printing, on the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Job tab (  ).



-  **Note**
  - If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2** Press the **OK** button.  
The **Job Menu** is displayed.
- 3** Press ▲ or ▼ to select **Pause Print**, and then press the **OK** button.
- 4** Press ▲ or ▼ to select **On** or **Off**, and then press the **OK** button.

# Memo

Basic Printing Workflow 15

## Enhanced Printing Options

- Choosing Paper for Printing ..... 30
- Printing Photos and Office Documents ..... 31
- Printing CAD Drawings ..... 40
- Adjusting Images ..... 48
- Printing enlargements or reductions ..... 60
- Printing at full size ..... 71
- Borderless Printing ..... 80
- Printing banners or at other non-standard sizes ..... 89
- Tiling and multiple pages per sheet ..... 102
- Centering originals ..... 116
- Conserving roll paper ..... 125
- Checking Images Before Printing ..... 133
- Other useful settings ..... 134

- Windows Software 145
- Mac OS Software 255
- Handling and Use of Paper 319
- Control Panel 421
- Printer Parts 461
- Network Setting 475
- Print Job Management 495
- Adjustments for Better Print Quality 549
- Maintenance and Consumables 565
- Troubleshooting 605
- Error Message 637
- Specifications 659
- Appendix 663

## Choosing Paper for Printing

Choosing a Paper for Printing .....	30
➔ Changing the Type of Paper .....	336
Specifying Paper in the Printer Driver .....	30
➔ Specifying Paper in the Printer Driver (Windows) .....	148
➔ Specifying Paper in the Printer Driver (Mac OS) .....	257

### Choosing a Paper for Printing

Select the appropriate media type from the printer control panel or printer driver to match the paper loaded in the printer. The appropriate media type differs between the case of genuine Canon paper or Canon feed confirmed paper and the case of paper other than Canon feed confirmed paper. Select the media type by following the description below.

For information on how to select the media type in the printer control panel, see **Changing the Type of Paper** ➔P.336 , and for information on how to select the media type in the printer driver, see **Specifying Paper in the Printer Driver (Windows)** ➔P.148 or **Specifying Paper in the Printer Driver (Mac OS)** ➔P.257 .



- If you use paper other than Canon feed confirmed paper, Canon provides absolutely no guarantees regarding print quality or paper feed properties.



- **Note** • Genuine Canon paper and Canon feed confirmed paper are detailed in **Paper Reference Guide**.
- An error message is displayed on the printer Control Panel if the media type specified in the printer driver does not match the media type specified in the printer. Although you can print under these conditions, the printing results may not be suitable.

#### • Genuine Canon paper or Canon feed confirmed paper

For genuine Canon paper or Canon feed confirmed paper, select the settings that are optimized for that type of paper. For more information on the settings for genuine Canon paper or Canon feed confirmed paper, see "Displaying the Paper Reference Guide." ➔P.323

#### • Paper other than Canon feed confirmed paper

For paper other than Canon feed confirmed paper, printing can be performed easily by selecting the existing settings provided by the printer control panel or printer driver. For details, see "Using Paper Other Than Genuine Paper and feed confirmed Paper." ➔P.322

### Specifying Paper in the Printer Driver

If you replace the paper, complete the printer driver settings for the paper type and size.

For instructions on configuring paper settings in the printer driver, refer to the following topics, as appropriate for your operating system.



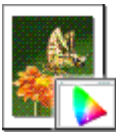
- **Specifying Paper in the Printer Driver (Windows)** ➔P.148
- **Specifying Paper in the Printer Driver (Mac OS)** ➔P.257

# Printing Photos and Office Documents


- Printing Photos and Images ..... 31
  - Printing Photos and Images (Windows) ..... 31
  - Printing Photos and Images (Mac OS) ..... 33
- Printing Office Documents ..... 35
  - Printing Office Documents (Windows) ..... 35
  - Printing Office Documents (Mac OS) ..... 36
- Using PosterArtist to Compose Originals ..... 38

## Printing Photos and Images

By selecting the following **Print Target** from **Easy Settings** of the printer driver, you can easily configure the printing of illustrations and photos.

	Print Target	Description
	<b>Photo (Color)</b>	Print photographic images from digital cameras with an optimal setting.
	<b>Poster</b>	An optimal setting for posters. Print in vivid colors with impact and high saturation.
	<b>Faithful Color Reproduction</b>	Print with minimum color difference. Suitable for printing scanner images and when print results are too vivid.

 **Important** • Depending on the **Media Type** setting, some **Print Target** options may not be available.

 **Note** • You can check the settings values for each print target by clicking **View Settings**.  
 • You can also fine-tune these values as needed. (**Advanced Settings**)  
 For details on **Advanced Settings**, see "Giving Priority to Particular Graphic Elements and Colors for Printing." →P.54

For instructions on printing photos and images, refer to the following topics, as appropriate for your operating system.

- **Printing Photos and Images (Windows)** →P.31
- **Printing Photos and Images (Mac OS)** →P.33

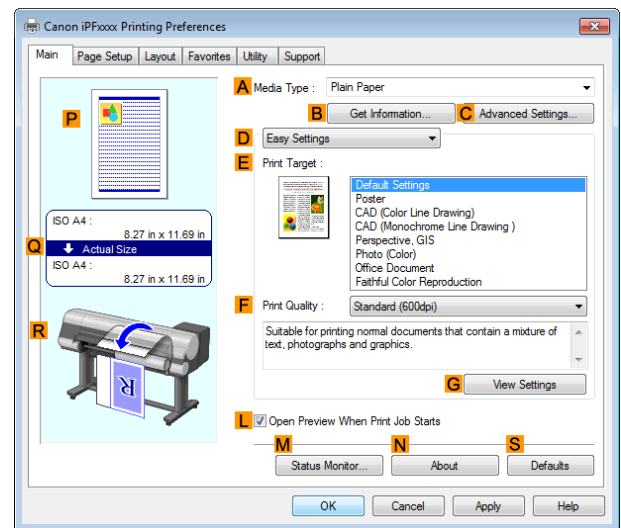
## Printing Photos and Images (Windows)

This topic describes how to print photos based on the following example.

- Document: Photo image from a digital camera
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: **Canon Glossy Photo Paper 170gsm**
- Roll paper width: 10 inches (254.0 mm)

- 1** Choose **Print** in the application menu.
- 2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**3** Make sure the **Main** sheet is displayed.



**4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Canon Glossy Photo Paper 170gsm**.

In the **A Media Type**, choose the type of paper used for printing, such as **Glossy Paper**, **Canon Coated Paper**, and so on. Make sure the paper you select is loaded in the printer.



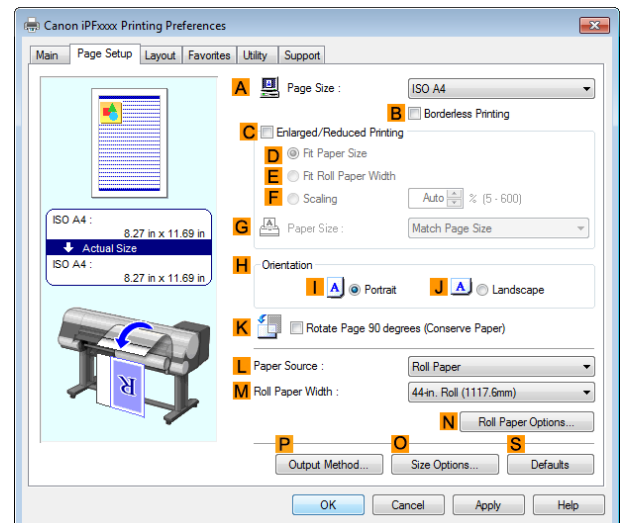
- The paper type setting in the printer driver and related software (as well as on the Control Panel ) is updated when you install the Media Configuration Tool from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. For details, see "Media Configuration Tool (Windows)." →P.375

**5** After confirming that **D Easy Settings** is selected, click **Photo (Color)** in the **E Print Target** list.



- You can check the settings values selected in the **E Print Target** list by clicking **G View Settings**.

**6** Click the **Page Setup** tab to display the **Page Setup** sheet.




**7** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **10"x12"**.

**8** Select and click a roll paper in the **L Paper Source** list.

**9** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **10-in. Roll (254.0mm)**.

**10** Specify additional printing conditions.  
For details on available printing conditions, see "Printer Driver Settings ." →P.146

**11** Confirm the print settings and print as desired.

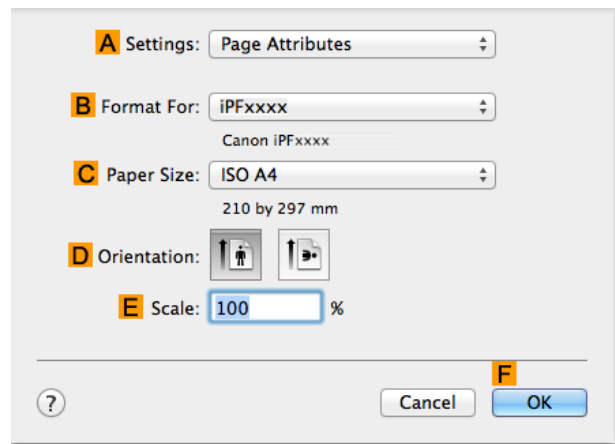
 • For instructions on confirming print settings, see "Confirming Print Settings ." →P.149  
**Note**


## Printing Photos and Images (Mac OS)

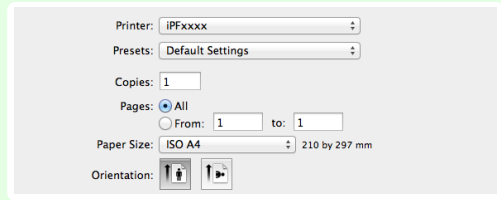
This topic describes how to print photos based on the following example.

- Document: Photo image from a digital camera
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll paper
- Paper type: **Canon Glossy Photo Paper 170gsm**
- Roll paper width: 10 inches (254.0 mm)

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



 • **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



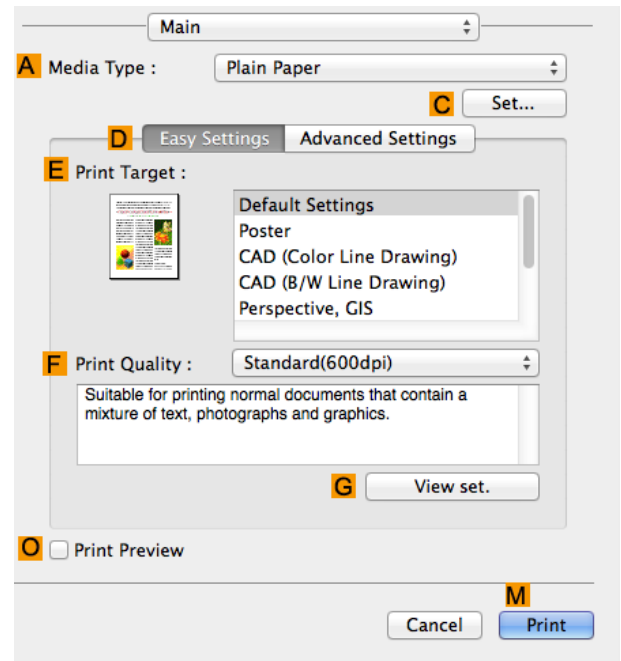
**2** Select the printer in the **B Format for** list.

**3** In the **C Paper Size** list, click the size of the original. In this case, click **10"x12"**.

**4** Click **F OK** to close the dialog box.

**5** Choose **Print** in the application menu.

**6** Access the **Main** pane.



**7** In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Canon Glossy Photo Paper 170gsm**.  
Make sure the paper you select is loaded in the printer.



- The types of paper indicated in the printer driver and related software (as well as on the Control Panel) are updated when you install the Media Configuration Tool from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. For details, see "Media Configuration Tool (Mac OS)." → P.397

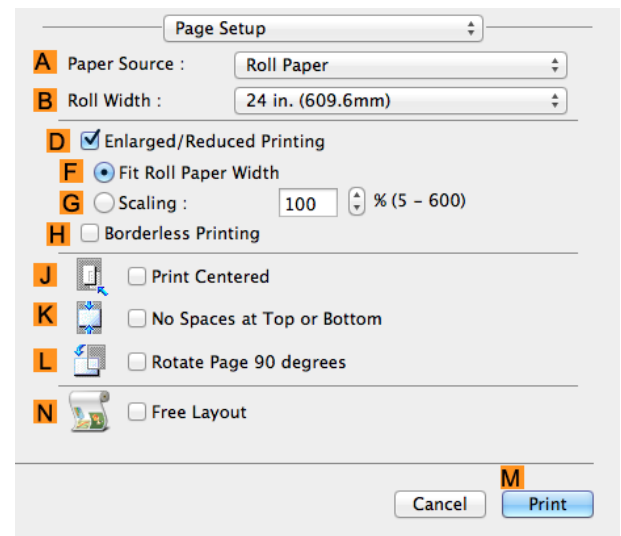
**8** After confirming that **D Easy Settings** is selected, click **Photo (Color)** in the **E Print Target** list.



- For information on settings optimized for printing photos and images, see "Printing Photos and Images." → P.31
- You can check the settings values selected in the **E Print Target** list by clicking **G View set.**

**9** Make your selection in the **F Print Quality** list.

**10** Access the **Page Setup** pane.



**11** Select and click a roll paper in the **A Paper Source** list.



**12** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **10 in. (254.0mm)** is selected.

**13** Specify additional printing conditions.  
For details on available printing conditions, see "Printer Driver Settings ." →P.256


**14** Confirm the print settings, and then click **M Print** to start printing.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.258

## Printing Office Documents

By selecting **Office Document** from **Easy Settings** of the printer driver, you can easily configure settings for printing office documents.

	Print Target	Description
	<b>Office Document</b>	Setting optimized for printing general office documents such as materials for distribution so that they can be viewed easily.



Note

- You can check the settings values for each print target by clicking **View Settings**.
- You can also fine-tune these values as needed. (Advanced Settings)  
For details on Advanced Settings, see "Giving Priority to Particular Graphic Elements and Colors for Printing." →P.54

## Printing Office Documents (Windows)

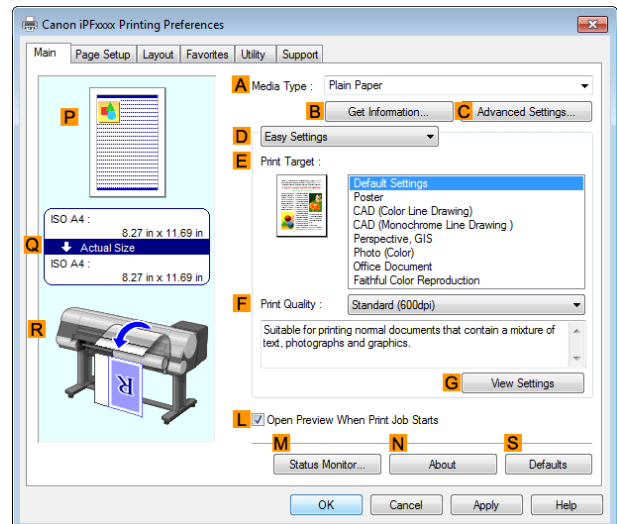
This topic describes how to print office documents based on the following example.

- Document: Office document created using word-processing or spreadsheet programs
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Sheets
- Paper type: Plain Paper
- Paper size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications ." ) →P.152

**3** Make sure the **Main** sheet is displayed.



**4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

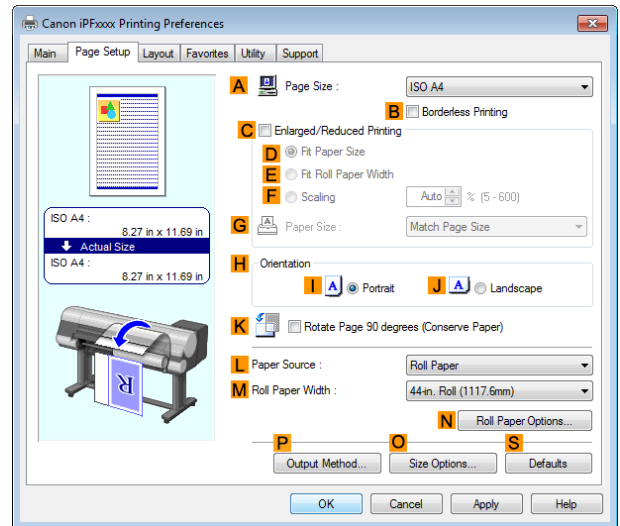
**5** After confirming that **D Easy Settings** is selected, click **Office Document** in the **E Print Target** list.



• You can check the settings values selected in the **E Print Target** list by clicking **G View Settings**.

Note

**6** Click the **Page Setup** tab to display the **Page Setup** sheet.



**7** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4**.

**8** Click **Cut Sheet** in the **L Paper Source** list.

**9** Specify additional printing conditions.

For details on available printing conditions, see "Printer Driver Settings ." →P.146

**10** Confirm the print settings and print as desired.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

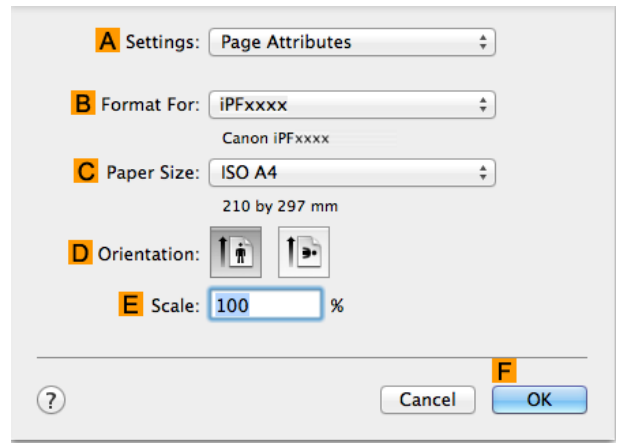
Note

## Printing Office Documents (Mac OS)

This topic describes how to print office documents based on the following example.

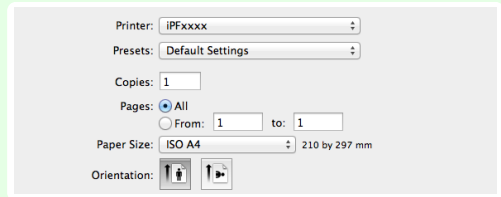
- Document: Office document created using word-processing or spreadsheet programs
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Sheets
- Paper type: Plain Paper
- Paper size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



**Note**

- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



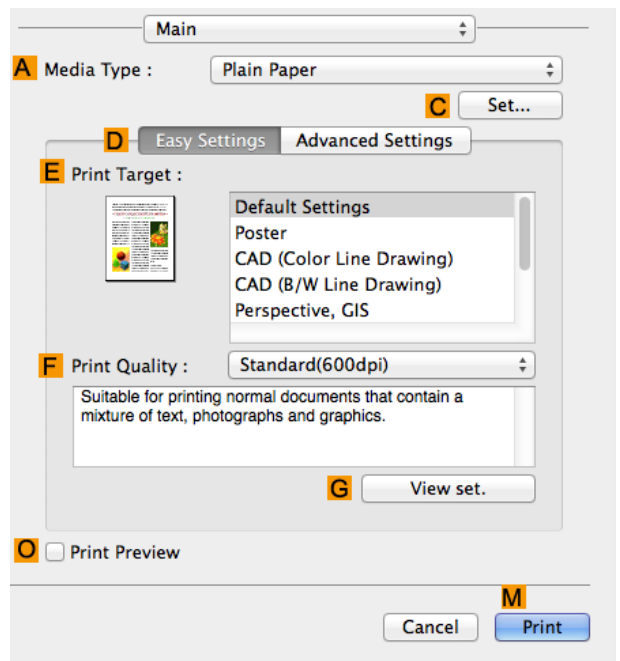
**2** Select the printer in the **B Format for** list.

**3** In the **C Paper Size** list, click the size of the original. In this case, click **ISO A4 - Cut Sheet**.

**4** Click **F OK** to close the dialog box.

**5** Choose **Print** in the application menu.

**6** Access the **Main** pane.



**7** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**8** After confirming that **D Easy Settings** is selected, click **Office Document** in the **E Print Target** list.

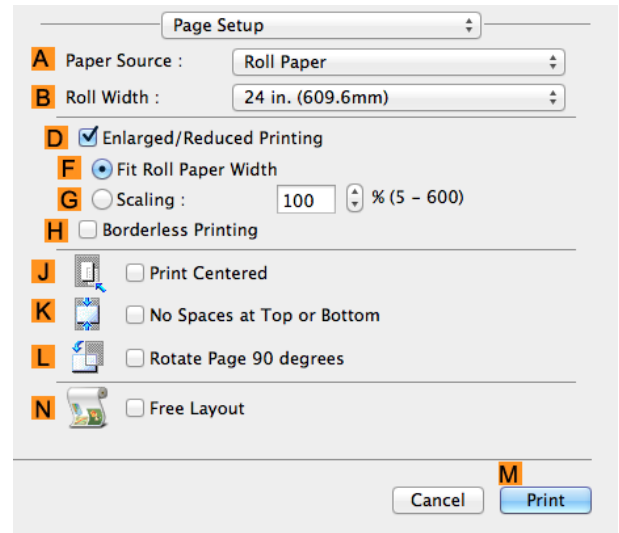


**Note**

- You can check the settings values selected in the **E Print Target** list by clicking **G View set.**

**9** Make your selection in the **F Print Quality** list.

**10** Access the **Page Setup** pane.



**11** Click **Cut Sheet** in the **A Paper Source** list.

**12** Specify additional printing conditions.  
For details on available printing conditions, see "Printer Driver Settings ." →P.256

**13** Confirm the print settings, and then click **M Print** to start printing.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.258

Note

## Using PosterArtist to Compose Originals

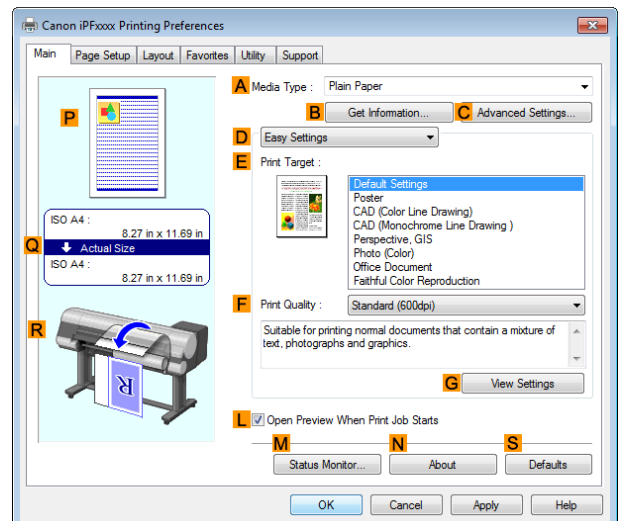
You can print a variety of source documents from word-processing or spreadsheet programs or screen shots from web browsers after composing an original with them using PosterArtist.

This topic describes how to use PosterArtist to compose originals from multiple applications, creating a poster layout for printing.

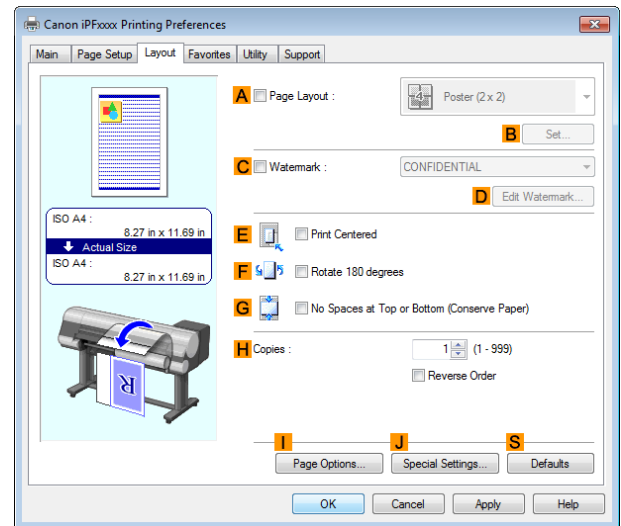
**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then open the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications (Windows).") →P.152

**3** Make sure the **Main** sheet is displayed.



- 4** Click the **Layout** tab to display the **Layout** sheet.



- 5** Select the **A Page Layout** check box.

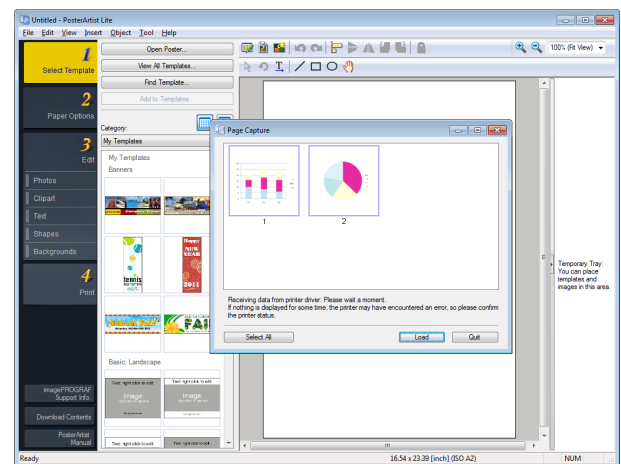
- 6** Click in the **Edit Using PosterArtist** in the **A Page Layout** list.



- This function cannot be used with a 64-bit version OS.

Note

- 7** When you attempt to print, PosterArtist starts up and the PageCapture window is displayed. (At this point, the document will not be printed yet.)



- 8** Choose the page to load in PosterArtist.

- 9** Edit and rearrange the image in the PosterArtist window as desired. Without closing the PosterArtist window, repeat steps 1-8 to arrange originals from multiple applications on the same page.



- For details on how to edit and sort images, refer to the PosterArtist Manual.

Note

- 10** Print from the PosterArtist menu.

# Printing CAD Drawings

- Printing CAD Drawings ..... 40
- Printing Line Drawings and Text ..... 40
  - Printing Line Drawings and Text (Windows) ..... 41
  - Printing Line Drawings and Text (Mac OS) ..... 42
- Printing from AutoCAD ..... 44
- Specifying Colors and Printing CAD Drawings ..... 45
  - Specifying Colors and Printing CAD Drawings (Windows) ..... 46
- HP-GL/2 Printing ..... 47

## Printing CAD Drawings

Using this printer, you can print fine lines and text clearly and sharply. It's easy to produce highly precise drawings from CAD applications.

For instructions on CAD printing, refer to the following topics, as appropriate for your operating system.




- **Printing Line Drawings and Text (Windows)** →P.41
- **Printing Line Drawings and Text (Mac OS)** →P.42

## Printing Line Drawings and Text

Printing is easy when you simply choose the type of original to print.

- **Easy Settings**  
Simply choose the printing application in the list for optimal printing results.
- **Print Target**  
Choose presets that match the type of document to be printed.

### Print targets for line drawings and text

	Print Target	Description
	<b>CAD (Color Line Drawing)</b>	Settings optimized to print intricate lines in CAD drawings clearly.
	<b>CAD (Monochrome Line Drawing )</b>	Settings optimized to print black lines in CAD drawings clearly.
	<b>Perspective, GIS</b>	Settings optimized for printing 3D CAD drawings, perspective drawings, and maps, including GIS maps.



Note

- You can check the settings values for each print target by clicking **View Settings**.
- You can also fine-tune these values as needed. ( **Advanced Settings** )  
For details on **Advanced Settings**, see "Giving Priority to Particular Graphic Elements and Colors for Printing." →P.54

- **Print Quality**  
Choose the print quality.

The printing mode is determined by a combination of the print quality and resolution.

Print Quality	Description
<b>Highest</b>	A setting for printing at the highest resolution when quality is most important. Printing takes longer and consumes more ink than in other modes, but this mode offers superior printing quality.
<b>High</b>	Choose this setting to print at high resolution when quality is most important. Printing takes longer and consumes more ink than in <b>Standard</b> or <b>Fast</b> modes, but this mode offers exceptional printing quality.
<b>Standard</b>	Choose this setting to print at standard resolution when quality and speed are both important. Printing takes less time than in <b>Highest</b> or <b>High</b> mode.
<b>Fast</b>	Choose this setting to print faster. Printing in draft mode can help you work more efficiently when checking layouts.

For instructions on printing line drawings and text, refer to the following topics, as appropriate for your operating system.

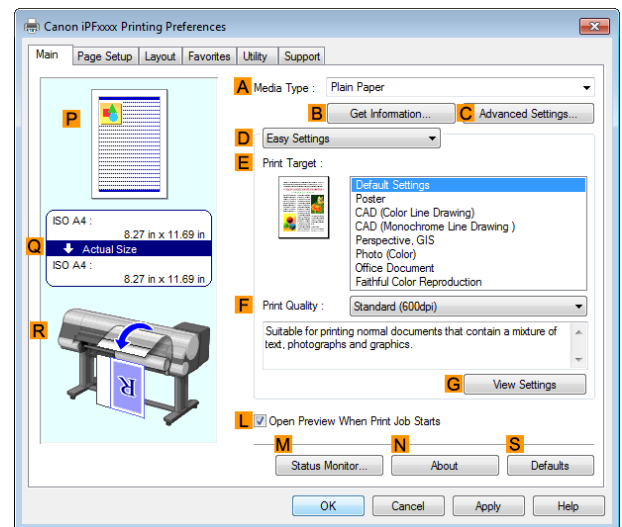
- **Printing Line Drawings and Text (Windows)** →P.41
- **Printing Line Drawings and Text (Mac OS)** →P.42

## Printing Line Drawings and Text (Windows)

This topic describes how to print line drawings based on the following example.

- Document: CAD drawing
- Page size: A3 (297.0 × 420.0 mm [11.7 × 16.5 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

- 1 Choose **Print** in the application menu.
- 2 Select the printer in the dialog box, and then display the printer driver dialog box. (See "**Accessing the Printer Driver Dialog Box from Applications .**") →P.152
- 3 Make sure the **Main** sheet is displayed.

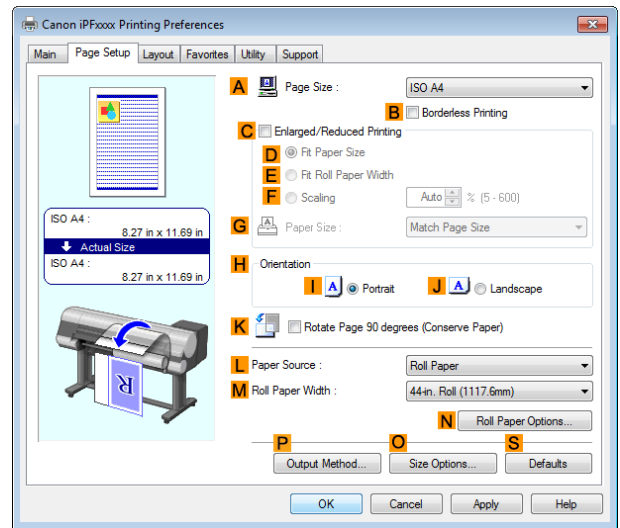


- 4 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 5 After confirming that **D Easy Settings** is selected, click **CAD (Color Line Drawing)** or **CAD (Monochrome Line Drawing)** in the **E Print Target** list.



- You can check the settings values selected in the **E Print Target** list by clicking **G View Settings**.

**6** Click the **Page Setup** tab to display the **Page Setup** sheet.




**7** In **A Page Size**, click the size of the original as specified in the application. In this case, click **ISO A3**.

**8** Select and click a roll paper in the **L Paper Source** list.

**9** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A2/A3 Roll (420.0mm)**.

**10** Specify additional printing conditions.  
For details on available printing conditions, see "Printer Driver Settings ." →P.146

**11** Confirm the print settings and print as desired.

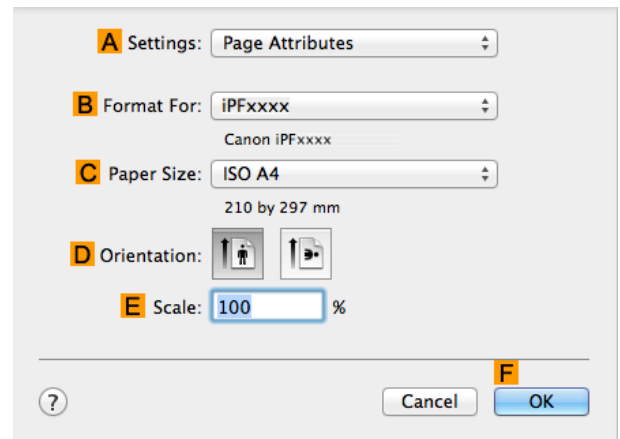
 • For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Printing Line Drawings and Text (Mac OS)

This topic describes how to print line drawings based on the following example.

- Document: CAD drawing
- Page size: A3 (297.0 × 420.0 mm [11.7 × 16.5 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

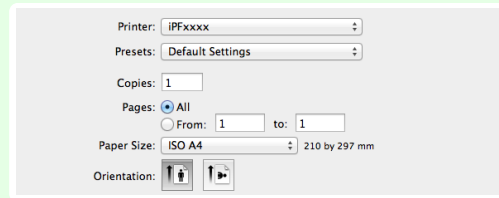




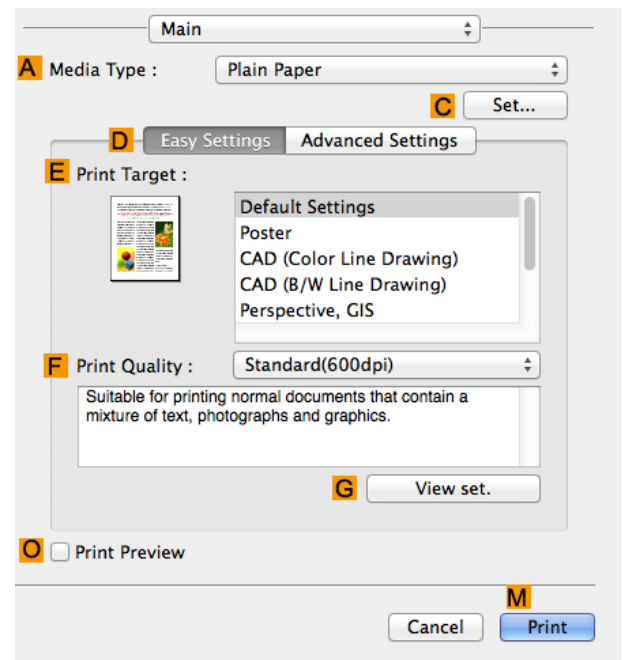


Note

- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



- 2 Select the printer in the **B Format for** list.
- 3 In the **C Paper Size** list, click the size of the original. In this case, click **ISO A3**.
- 4 Click **F OK** to close the dialog box.
- 5 Choose **Print** in the application menu.
- 6 Access the **Main** pane.



- 7 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 8 After confirming that **D Easy Settings** is selected, click **CAD (Color Line Drawing)** or **CAD (Monochrome Line Drawing)** in the **E Print Target** list.

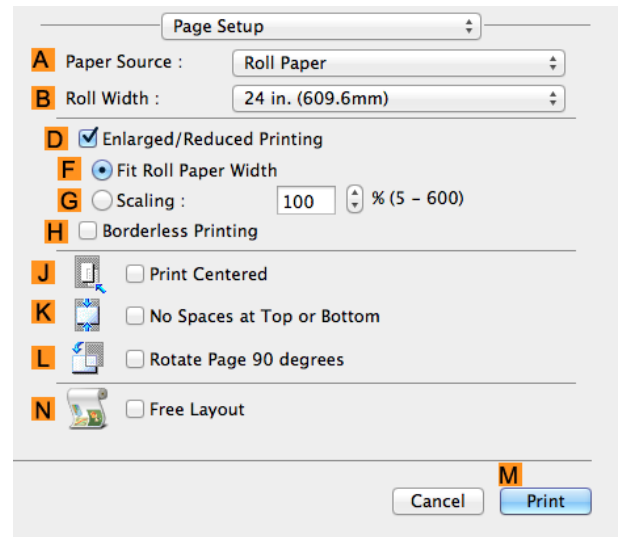


Note

- You can check the settings values selected in the **E Print Target** list by clicking **G View set.**

- 9 Make your selection in the **F Print Quality** list.

**10** Access the **Page Setup** pane.




**11** Select and click a roll paper in the **A Paper Source** list.

**12** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A2/A3 (420.0mm)** is selected.

**13** Specify additional printing conditions.  
For details on available printing conditions, see "Printer Driver Settings ." [→P.256](#)


**14** Confirm the print settings, and then click **M Print** to start printing.

 • For tips on confirming print settings, see "Confirming Print Settings ." [→P.258](#)

**Note** • You can conserve roll paper by configuring settings suitable for the document.  
For details on how to conserve paper and print, see "Conserving Roll Paper by Rotating Originals 90 Degrees ." [→P.126](#)

**Printing from AutoCAD**

Printer Driver Optimization Module for AutoCAD is software for printing optimally from AutoCAD with the printer driver. By optimally controlling the processing resolution of raster data and the memory to be used in image processing of AutoCAD, printing superior in reliability and productivity is realized. If you install Printer Driver Optimization Module for AutoCAD on a computer on which supported AutoCAD is installed, it will be installed automatically.

 **Note**

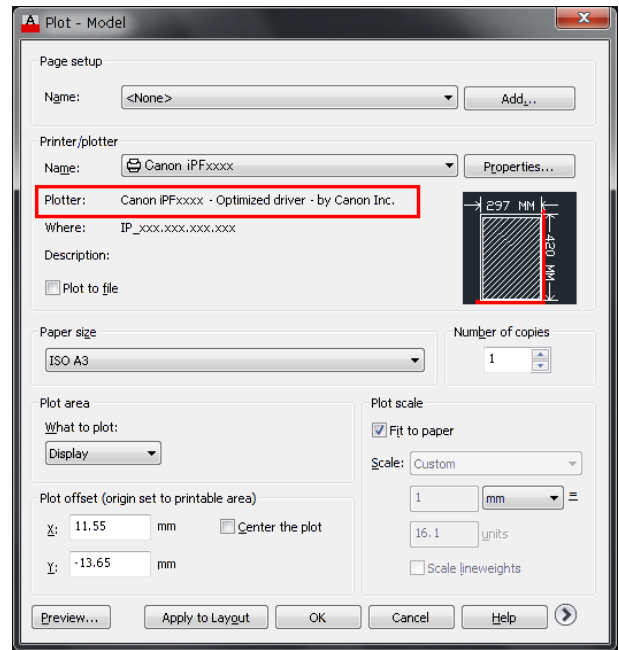
- Printer Driver Optimization Module for AutoCAD is applied automatically when you print from AutoCAD, and optimal printing is performed.
- Printer Driver Optimization Module for AutoCAD can be used on Windows.

**Confirming the Installation of Printer Driver Optimization Module for AutoCAD**

You can confirm whether Printer Driver Optimization Module for AutoCAD is installed by the following method.

**1** From the **File** menu of AutoCAD, select **Print**.

- The **Printing** dialog box is displayed. Printer Driver Optimization Module for AutoCAD is installed if in **Plotter** of **Printer/plotter** this is displayed: **iPFxxxx - Optimized driver - by Canon Inc..**



### Installation of Printer Driver Optimization Module for AutoCAD

If Printer Driver Optimization Module for AutoCAD is not installed, install it by the following method.

- Insert User Software CD-ROM in the CD-ROM drive and start the installer.
- In the **Setup Menu** window, click **Install Individual Software**.
- Click **Install** of Printer Driver Optimization Module for AutoCAD.
- Follow the instructions on the screen.

## Specifying Colors and Printing CAD Drawings

You can complete color settings when **Color (CAD)** is selected in **Color Mode**. Colors can be adjusted before printing as follows when **Color Compatibility** is selected.



- Color (CAD)** is displayed when you select **Advanced Settings** on the **Main** sheet and set **Print Priority** to **Line Drawing/Text**.

### Color Compatibility

Color Setting Item

Color Setting	Description
<b>Color (CAD) 1</b>	Print in standard colors.
<b>Color (CAD) 2</b>	Print with approximate colors emulating Canon iPF750, iPF755, iPF650, iPF655, iPF760, iPF765.
<b>Color (CAD) 3</b>	Print with approximate colors emulating Canon iPF500, iPF600, iPF700, iPF510, iPF610, iPF710, iPF605, iPF720, iPF810, iPF820, iPF815, iPF825.
<b>Color (CAD) 4</b>	Print emulating the HP Designjet 4000/4500, in colors resembling colors produced by these printers.
<b>Color (CAD) 5</b>	Print emulating the HP Designjet T1100, in colors resembling colors produced by this printer.
<b>Color (CAD) 6</b>	Print emulating the Oce ColorWave 300, in colors resembling colors produced by this printer.



If you have selected **Color (CAD) 2**, **Color (CAD) 3**, **Color (CAD) 4**, **Color (CAD) 5**, or **Color (CAD) 6**, it is not possible to match the colors and image quality produced by the specified printer exactly.

For instructions on configuring **Color Compatibility**, refer to the following topics.

- **Specifying Colors and Printing CAD Drawings (Windows)** → P.46

## Specifying Colors and Printing CAD Drawings (Windows)

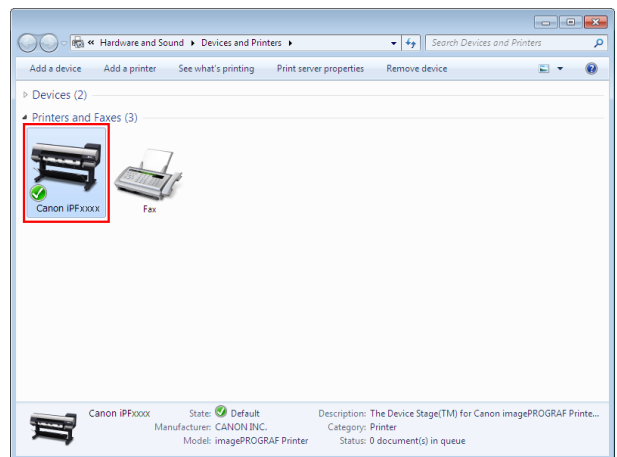
You can complete color settings when **Color (CAD)** is selected in **Color Mode**.



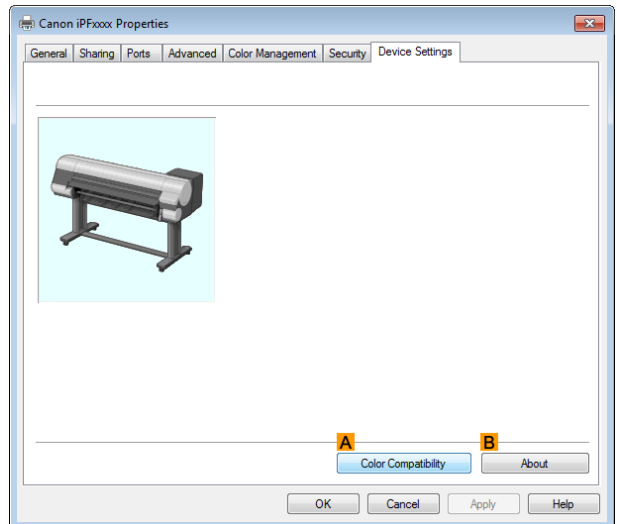
- **Color (CAD)** is displayed when you select **Advanced Settings** on the **Main** sheet and set **Print Priority to Line Drawing/Text**.
- This section describes the procedure in Windows 7.

**1** Click **start >Devices and Printers**.

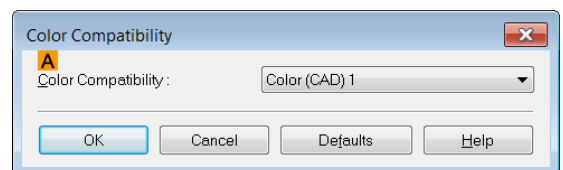
**2** Right-click the icon of this printer and choose **Printer Properties** to open the printer properties window.



**3** Click the **Device Settings** tab to display the **Device Settings** sheet.



**4** Click **A Color Compatibility** to display the **Color Compatibility** dialog box.



**5** Select the desired color settings in the **A Color Compatibility** list.



Note

- For details on color settings, see "Specifying Colors and Printing CAD Drawings." →P.45

For printing instructions, refer to the following topic.

- **Choosing the Document Type and Printing Conditions** →P.56

## HP-GL/2 Printing

This printer supports printing using the original Canon GARO printer control language and printing using HP-GL/2 and HP RTL emulation to print in colors resembling the colors produced by printers from other companies. The printer automatically switches to the corresponding processing depending on whether a GARO or HP-GL/2 and HP RTL emulation job is received.



Note

- GARO is an abbreviation of Graphic Arts Language with Raster Operations.
- HP-GL/2 is an abbreviation of Hewlett-Packard Graphics Language/2, and HP RTL is an abbreviation of Hewlett-Packard Raster Transfer Language.
- Emulation is good for obtaining results similar to printing on other printers.

When printing from applications that support HP-GL/2 output, specify HP-GL/2 in the application's plotter output settings.

HP-GL/2 and HP RTL emulation related settings such as the printer to emulate are configured from the printer Control Panel. (Refer to "Menu Structure →P.435 " and "Menu Settings →P.442 ")



Note

- For instructions on configuring these settings, refer to the software documentation. It may not be possible to print jobs with excessively large amounts of data correctly.
- For information on CAD colors other than HP-GL/2 and HP RTL emulation, see "Menu Settings." →P.442

# Adjusting Images

- Adjusting the Color in the Printer Driver ..... 48
  - Fine-Tuning Colors of Photos and Images (Windows) ..... 49
  - Fine-Tuning Colors of Photos and Images (Mac OS) ..... 52
- Giving Priority to Particular Graphic Elements and Colors for Printing ..... 54
  - Choosing the Document Type and Printing Conditions (Windows) ..... 56
  - Choosing the Document Type and Printing Conditions (Mac OS) ..... 58

## Adjusting the Color in the Printer Driver

Color settings specified in the application for your documents are essentially given priority over other settings for each print job, but further color adjustment is possible in the printer driver.

### • Color Mode

Choose how the printer driver processes color, as desired.  
The available options vary depending on the color mode.

Color Mode	Description	Color Adjustment
<b>Color</b>	Print in color.	You can select the color balance and color matching functions.
<b>Monochrome</b>	Print in grayscale.	You can adjust the color balance.
<b>Color (CAD)</b>	A color mode optimized for line drawings (2D-CAD). Lines in red, yellow, and other colors are printed especially clearly.	You can adjust the color balance.
<b>Monochrome (BK ink)</b>	A color mode for printing line drawings. Only Black ink is used.	You can adjust the color balance.
<b>Monochrome Bitmap</b>	Print in a color mode for CAD, using Color Ink, with all non-white portions printed in black.	No color adjustment is supported.
<b>No color correction (*1)</b>	Prints without performing color-matching in the printer driver.	You can adjust the color balance.

\*1: If **No color correction** is selected, the **Matching** sheet / **Matching** pane is not displayed.

### • Color Adjustment

You can adjust colors separately for images, graphics, and text documents.

Adjustment Item	Description
<b>Cyan</b>	Fine-tune color tones by adjusting the levels of <b>Cyan</b> , <b>Magenta</b> , and <b>Yellow</b> .
<b>Magenta</b>	
<b>Yellow</b>	
<b>Gray Tone</b>	Adjust the grayscale, in a range from cool, blue tones to warm, red tones.
<b>Brightness</b>	Adjust the brightness of printed images while keeping the darkest and lightest portions intact.
<b>Contrast</b>	Adjust the contrast of the darkest and lightest portions relative to each other. For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
<b>Saturation</b>	Adjust the level of color saturation, in a range from subdued to vivid.



Note

• Click **Object Adjustment** to open the **Object Adjustment** dialog box, which allows you to select the color adjustment target from **Image**, **Graphics**, and **Text**.

### • Matching

You can choose the color-matching mode and method.

By adjusting the color-matching mode and method, you can make printed colors match the colors of on-screen images more closely.



Important

- If **No color correction** is selected under **Color Mode**, the **Matching** cannot be changed.

Matching Mode	Description	Remarks
<b>Driver Matching Mode</b>	Enables printing of optimal color tones using a driver specific color profile.	You should normally select this mode.
<b>ICC Matching Mode</b>	Enables color matching using ICC profiles. Select this if you want to print by specifying the input profile, printer profile, and matching method in detail.	This allows you to use ICC profiles for digital cameras and scanners, ICC profiles created using the profile creation tool, etc.
<b>Host ICM Mode</b>	Enables color matching by the host computer using the ICM function of Windows. Select this if you want to print from an application that supports the ICM function.	Available when using Windows.
<b>ColorSync</b>	Enables color matching by using the ColorSync function of Mac OS. Select this if you want to perform soft proofing using ColorSync before printing.	Available when using Mac OS. To select <b>ColorSync</b> , choose <b>ColorSync</b> on the <b>Color Matching</b> panel.

Matching Method	Description	Remarks
<b>Auto</b>	Color-matching optimized for images, graphics, or text.	The available options and their display order vary depending on your selected color-matching mode, as well as the operating system.
<b>Perceptual</b>	Color-matching optimized for printing typical photos attractively. Smooth gradation is a feature. This is also an easy-to-use mode when performing color adjustment using application software.	
<b>Colorimetric</b>	Color-matching optimized for printing image data with accurate colors in input color space. This is the easiest-to-use mode when you want to adjust the color and print. However, gradation may be lost for colors of wider range than the color reproduction range of the printer. Generally, this is also called relative colorimetric.	
<b>Colorimetric (No Wht-pnt Corr)</b>	The processing method of color-matching is identical to Colorimetric. Use this when you want to further reproduce the target paper material color of the image data. Generally, this also is called absolute colorimetric	
<b>Saturation</b>	Color-matching optimized for printing posters, etc., vividly.	

For instructions on color adjustment, refer to the following topics, as appropriate for your operating system.

- [Fine-Tuning Colors of Photos and Images \(Windows\)](#) →P.49
- [Fine-Tuning Colors of Photos and Images \(Mac OS\)](#) →P.52

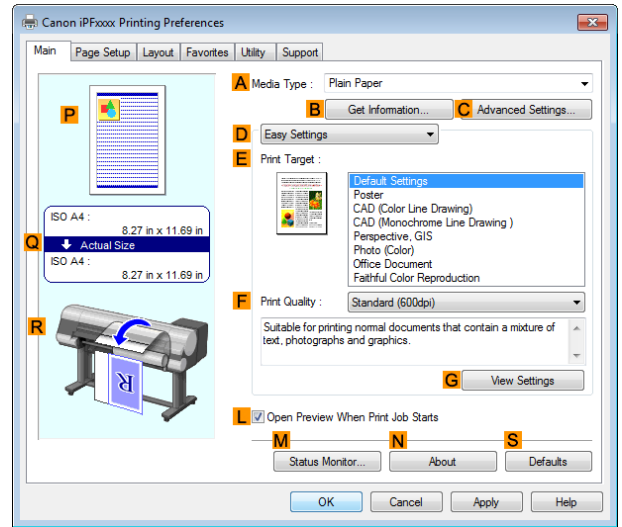
## Fine-Tuning Colors of Photos and Images (Windows)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to fine-tune the color tone of photos before printing.

- 1 Choose **Print** in the application menu.

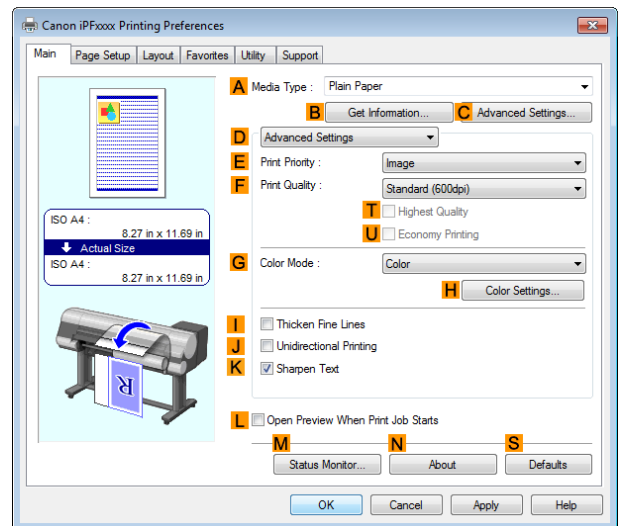
**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**3** Make sure the **Main** sheet is displayed.



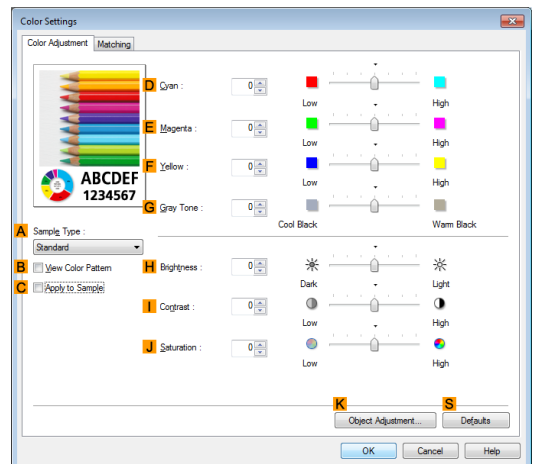
**4** In the **A Media Type** list, select the type of paper that is loaded.

**5** Click **D Advanced Settings** to switch the print mode.



**6** Click **Color** in the **G Color Mode** list.

**7** Click **H Color Settings** to display the **Color Settings** dialog box.





- 8** On the **Color Adjustment** sheet, adjust the color tones, brightness, and so on as desired.

Adjustment Item	Description
<b>D</b> Cyan	Fine-tune color tones by adjusting the levels of Cyan, Magenta, and Yellow.
<b>E</b> Magenta	
<b>F</b> Yellow	
<b>G</b> Gray Tone	Adjust the gray tone. Choose cool black (tinged with blue), pure black (neutral), warm black (tinged with red), and so on.
<b>H</b> Brightness	Adjust the brightness of printed images while keeping the darkest and lightest portions intact.
<b>I</b> Contrast	Adjust the contrast of the darkest and lightest portions relative to each other. For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
<b>J</b> Saturation	Adjust the level of color saturation, in a range from subdued to vivid.

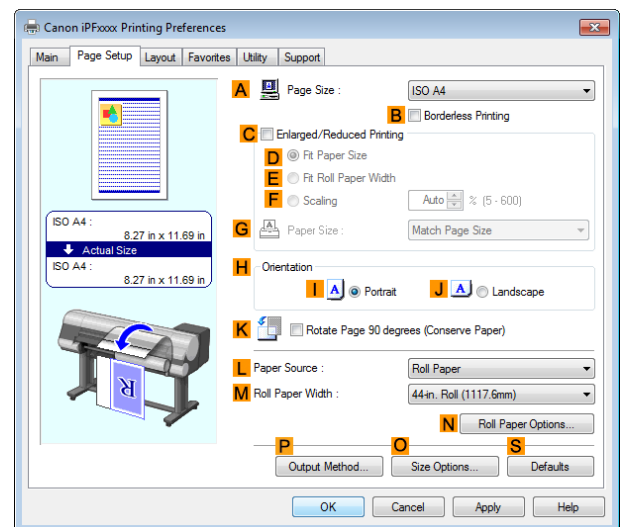


Note

- Click **Object Adjustment** to open the **Object Adjustment** dialog box, which allows you to select the color adjustment target from **Image**, **Graphics**, and **Text**.

- 9** Close the **Color Settings** dialog box.

- 10** Click the **Page Setup** tab to display the **Page Setup** sheet.



- 11** Confirm the settings of **A** **Page Size**, **L** **Paper Source**, and so on.

- 12** Confirm the print settings and print as desired.



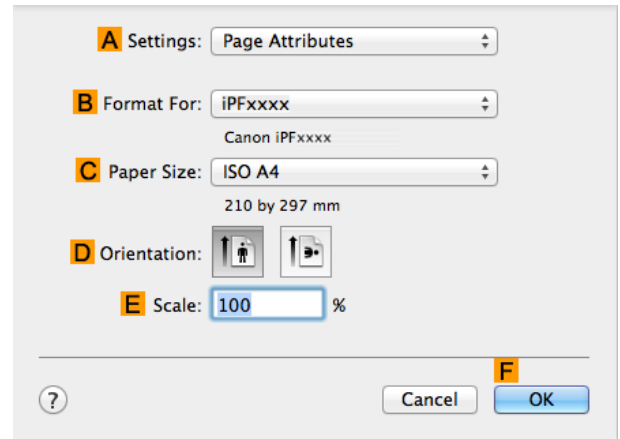
Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

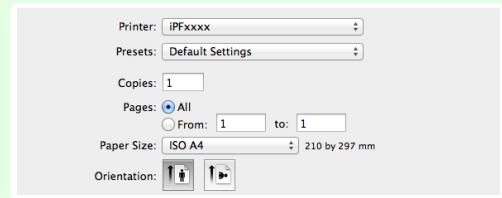
## Fine-Tuning Colors of Photos and Images (Mac OS)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to fine-tune the color tone of photos before printing.

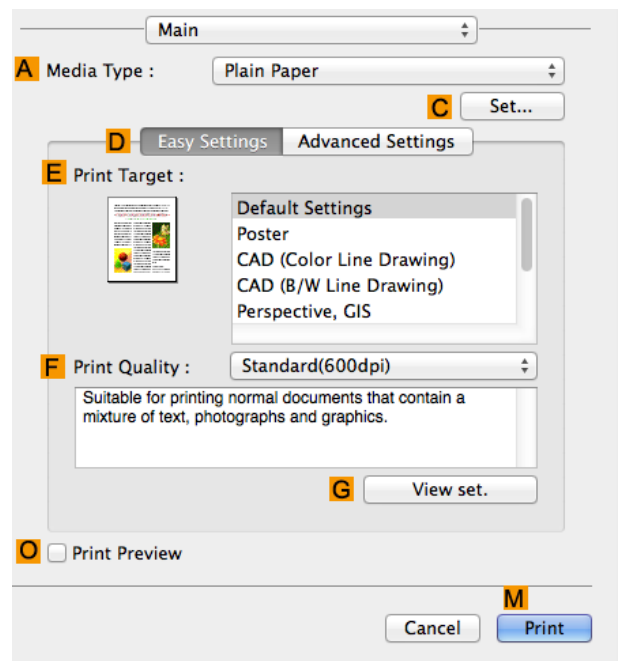
- 1 Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.

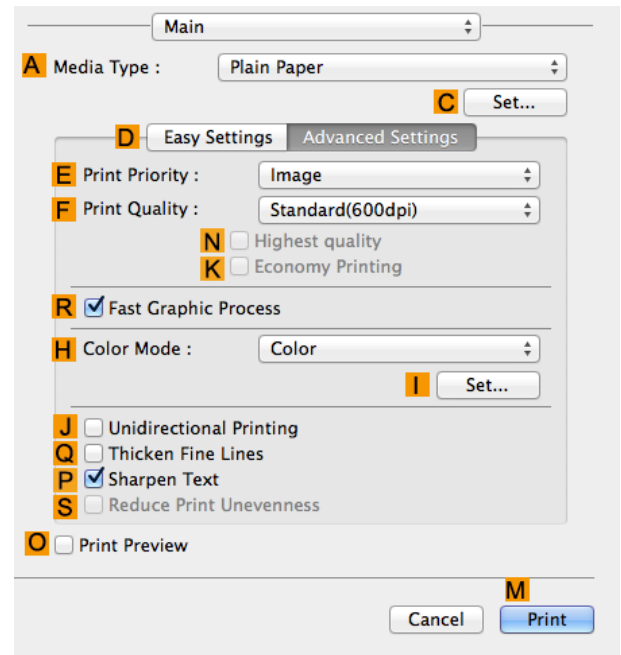


- 2 Select the printer in the **B Format for** list.
- 3 Choose the original size in the **C Paper Size** list.
- 4 Click **F OK** to close the dialog box.
- 5 Choose **Print** in the application menu.
- 6 Access the **Main** pane.



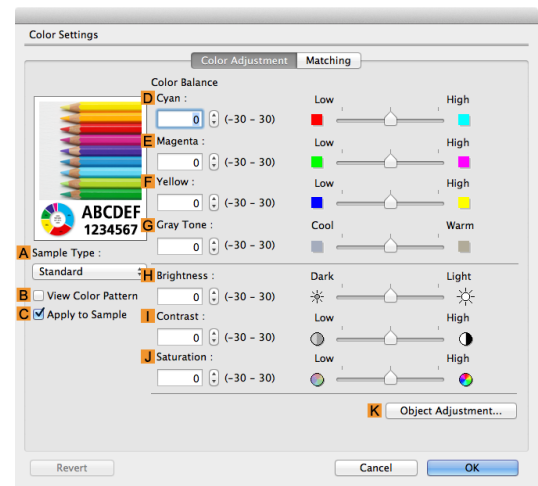
- 7 In the **A Media Type** list, select the type of paper that is loaded.

**8** Click **D Advanced Settings** to switch the print mode.




**9** Click **Color** in the **H Color Mode** list.

**10** Click **I Set** to display the **Color Settings** dialog box.



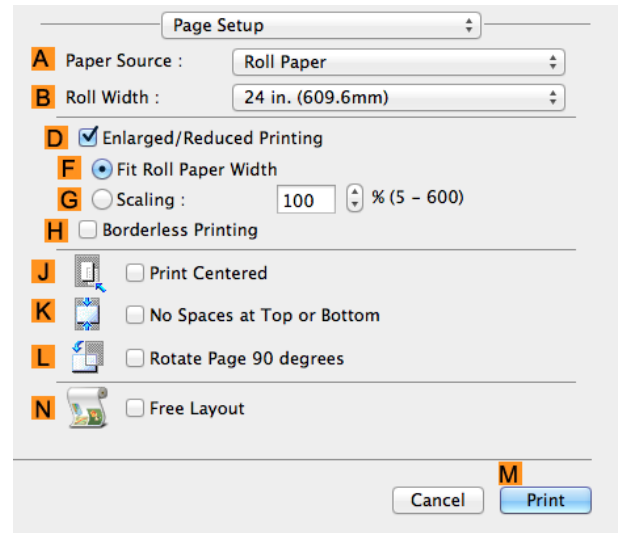
**11** On the **Color Adjustment** pane, adjust the color tones, brightness, and so on as desired.

Adjustment Item	Description
<b>D Cyan</b>	Fine-tune color tones by adjusting the levels of Cyan, Magenta, and Yellow.
<b>E Magenta</b>	
<b>F Yellow</b>	
<b>G Gray Tone</b>	Adjust the gray tone. Choose cool black (tinged with blue), pure black (neutral), warm black (tinged with red), and so on.
<b>H Brightness</b>	Adjust the brightness of printed images while keeping the darkest and lightest portions intact.
<b>I Contrast</b>	Adjust the contrast of the darkest and lightest portions relative to each other. For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
<b>J Saturation</b>	Adjust the level of color saturation, in a range from subdued to vivid.

 **Note** • Click **Object Adjustment** to open the **Object Adjustment** dialog box, which allows you to select the color adjustment target from **Images**, **Graphics**, and **Text**.

**12** Click **OK** to close the **Color Settings** dialog box.

**13** Access the **Page Setup** pane.



**14** Confirm the print settings, and then click **M Print** to start printing.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.258

Note

## Giving Priority to Particular Graphic Elements and Colors for Printing

You can specify detailed print settings as desired for the quality level, colors, and other criteria.

### • Advanced Settings

For printing results that appear just as expected for your original, you can specify which graphic elements and colors to prioritize for printing.



Note

• **Easy Settings** are also available, providing convenient presets. To use the presets, simply choose the printing application.  
For details on **Easy Settings**, refer to the following topics.

- **Printing Photos and Images** →P.31
- **Printing Line Drawings and Text** →P.40
- **Printing Office Documents** →P.35

### • Print Priority

Choose the graphic elements that you want to emphasize for printing.

Print Priority (*1)	Description
<b>Image</b>	A setting for posters or other documents made up mainly of photos or images, or for emphasizing photos or images in printed documents.
<b>Line Drawing/Text</b>	Choose this setting for CAD drawings made up mainly of intricate lines, or wall newspapers and other notices with a large amount of text. Suitable for emphasizing detailed text in printed documents. However, the quality may not be sufficient when printing photos or images that require a lot of color coverage. In this case, choose <b>Image</b> instead.
<b>Office Document</b>	Choose this setting for better legibility of documents combining text and graphics, such as documents and presentation material created with typical office applications.

\*1: Options suitable for the selected type of paper are listed under Print Priority.

### • Print Quality

Choose the print quality.

The printing mode is determined by a combination of the print quality and resolution.

Print Quality (*1)	Description	Print Priority
<b>Highest</b>	A setting for printing at the highest resolution when quality is most important. Printing takes longer and consumes more ink than in other modes, but this mode offers superior printing quality.	<b>Image</b>
<b>High</b>	Choose this setting to print at high resolution when quality is most important. Printing takes longer and consumes more ink than in <b>Standard</b> or <b>Fast</b> modes, but this mode offers exceptional printing quality.	<b>Image</b> <b>Line Drawing/Text</b>
<b>Standard</b>	Choose this setting to print at standard resolution when quality and speed are both important. Printing takes less time than in <b>Highest</b> or <b>High</b> mode.	<b>Image</b> <b>Line Drawing/Text</b> <b>Office Document</b>
<b>Fast</b>	Choose this setting to print faster. Printing in draft mode can help you work more efficiently when checking layouts.	<b>Image</b> <b>Line Drawing/Text</b>

\*1: Options suitable for the selected Print Priority are listed under Print Quality.

#### • Color Settings

Setting Item	Options	Description
<b>Color Mode (*1)</b>	<b>Color</b> <b>Monochrome</b> <b>Color (CAD)</b> <b>Monochrome (BK ink)</b> <b>Monochrome Bitmap</b> <b>No color correction</b>	Choose whether to print in color or monochrome. (See "Adjusting the Color in the Printer Driver." → P.48)
<b>Color Adjustment</b>	<b>Cyan</b> <b>Magenta</b> <b>Yellow</b> <b>Gray Tone</b> <b>Brightness</b> <b>Contrast</b> <b>Saturation</b>	You can adjust the levels of cyan, magenta, and yellow as well as the brightness, contrast, saturation, and gray tones. If you choose <b>Monochrome</b> or <b>Monochrome (BK ink)</b> in <b>Color Mode</b> only <b>Brightness</b> and <b>Contrast</b> can be adjusted. <b>Image</b> , <b>Graphics</b> , and <b>Text</b> are available as <b>Object Adjustment</b> options.
Color-Matching Modes	<b>Driver Matching Mode</b> <b>ICC Matching Mode</b> <b>Host ICM Mode (Windows)</b> <b>ColorSync (Mac OS)</b>	Choose the color-matching mode.
Color-Matching Method (*2)	<b>Auto</b> <b>Perceptual</b> <b>Colorimetric</b> <b>Saturation</b>	Choose the color-matching method. The available options vary depending on your selection in <b>Color-Matching Mode</b> .
<b>Gamma</b>	<b>2.2</b> <b>1.8</b>	You can adjust the gradation of intermediate tones in an image. You can select only after <b>Driver Matching Mode</b> has been selected in <b>Matching Mode</b> .

\*1: Options suitable for the selected Print Priority are listed under Color Mode.

\*2: The order of options displayed varies depending on the operating system.

#### • Enhancing printing quality

Setting Item	Description
<b>Highest quality</b>	This prints at the highest resolution. Printing takes longer and consumes more ink than in other modes, but this mode offers superior printing quality.
<b>Thicken Fine Lines</b>	Prints making fine lines appear thicker.
<b>Sharpen Text</b>	Choose this option to print intricate text more distinctly.

Setting Item	Description
<b>Reduce Print Unevenness (*1)</b>	Choose this option to counteract uneven printing.
<b>Unidirectional Printing</b>	Prints by suppressing color variations and misaligned ruled lines. However, this takes more time than regular printing.
<b>Economy Printing</b>	When this mode is selected, less ink is consumed than in regular printing, but the quality is diminished. Select this mode if you want to conserve ink when checking drawings, for example. Depending on the <b>Media Type</b> and <b>Print Quality</b> settings, this mode may not be available.

\*1:Displayed in Mac OS.



- To print at a higher level of quality, in the printer driver, choose **High** or **Highest** in **Print Quality**, and select the **Unidirectional Printing** check box.

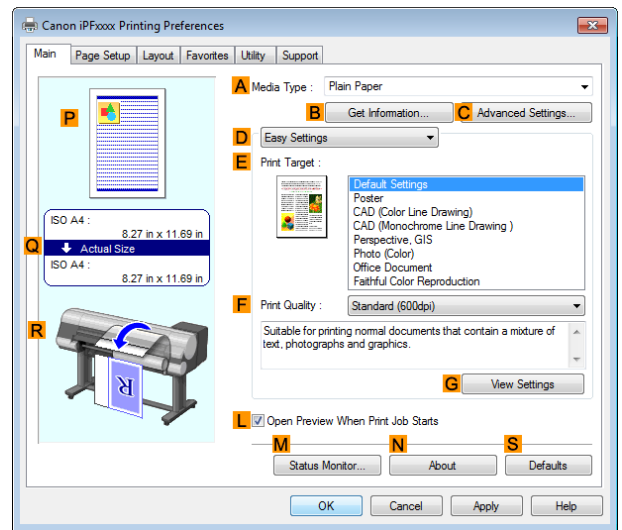
For instructions on specifying the print quality and color settings before printing, refer to the following topics, as appropriate for your operating system.

- **Choosing the Document Type and Printing Conditions (Windows)** →P.56
- **Choosing the Document Type and Printing Conditions (Mac OS)** →P.58

## Choosing the Document Type and Printing Conditions (Windows)

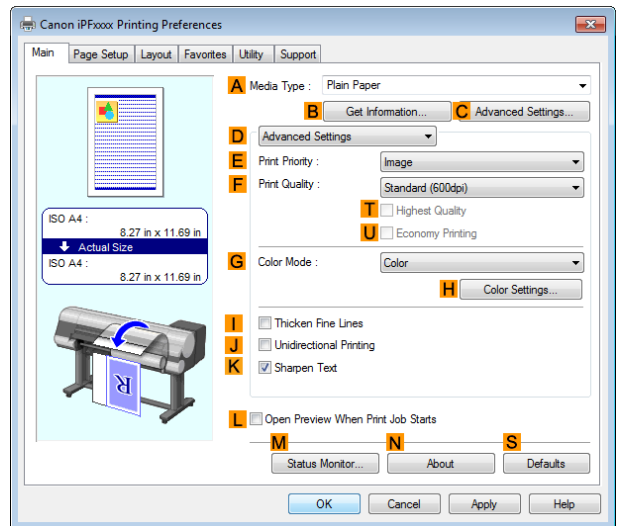
You can specify your own print settings instead of using the **Print Target** presets. As an example, this topic describes how to print CAD drawings as clearly as possible, with sharp lines and text.

- 1 Choose **Print** in the application menu.
- 2 Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152
- 3 Make sure the **Main** sheet is displayed.



- 4 In the **A Media Type** list, select the type of paper that is loaded.

**5** Click **D Advanced Settings** to switch the print mode.



**6** Click **Line Drawing/Text** in the **E Print Priority** list.

**7** Click **High (1200dpi)** in the **F Print Quality** list.

**Note** • Options displayed in the **F Print Quality** list vary depending on the paper type.

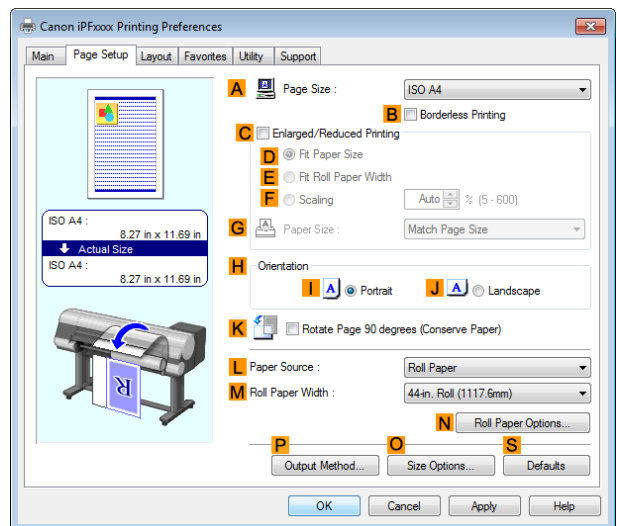
**8** Click **Color (CAD)** in the **G Color Mode** list.

**9** To adjust the color, click **H Color Settings**.

**Note** • For instructions on adjusting color, see "Adjusting the Color in the Printer Driver." →P.48

**10** Select the **K Sharpen Text** check box.

**11** Click the **Page Setup** tab to display the **Page Setup** sheet.



**12** Confirm the settings of **A Page Size**, **L Paper Source**, and so on.

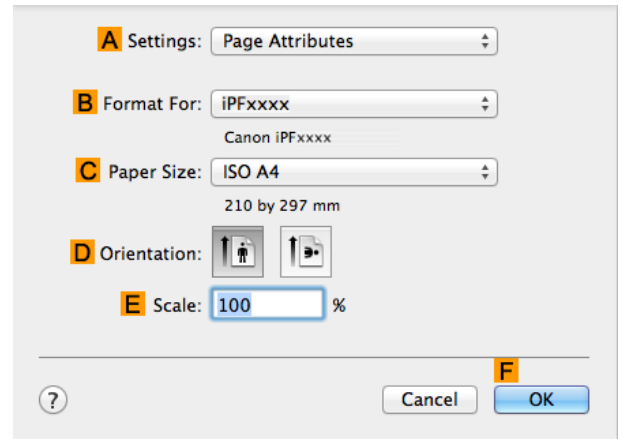
**13** Confirm the print settings and print as desired.

**Note** • For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Choosing the Document Type and Printing Conditions (Mac OS)

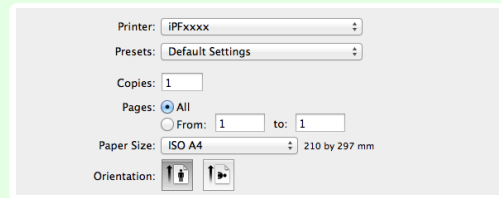
You can specify your own print settings instead of using the **Print Target** presets. This topic describes how print photographic images in monochrome.

- 1 Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

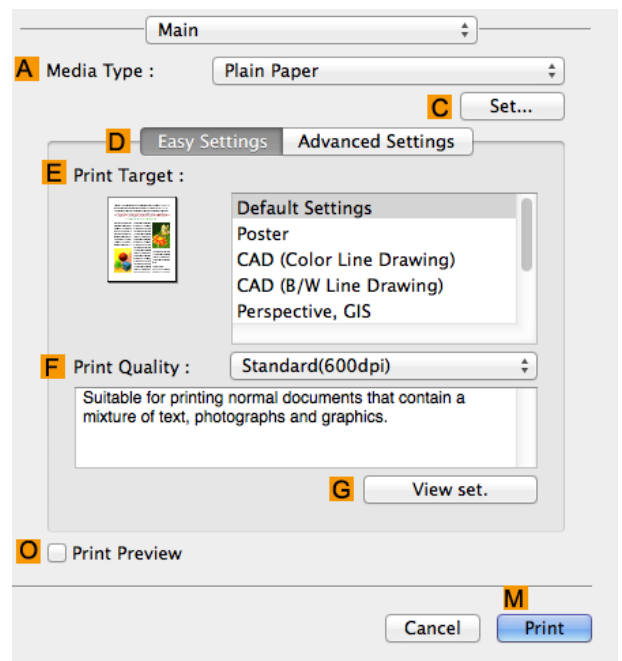


**Note**

- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



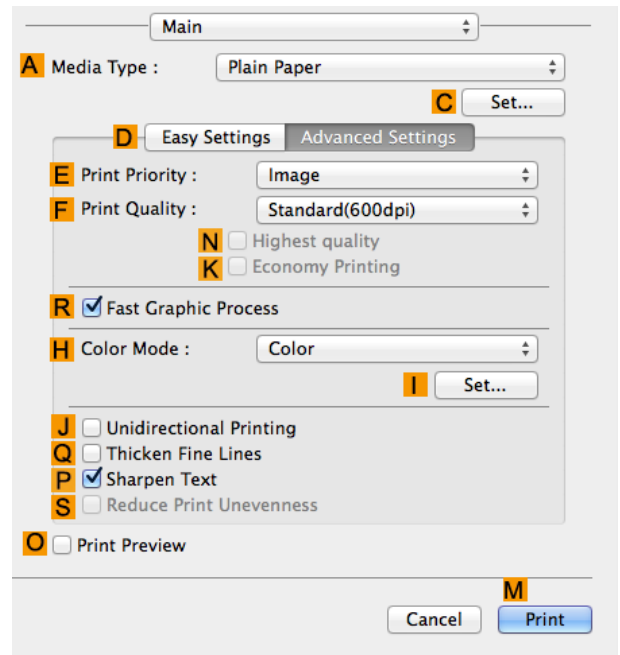
- 2 Select the printer in the **B Format for** list.
- 3 Choose the original size in the **C Paper Size** list.
- 4 Click **F OK** to close the dialog box.
- 5 In the application menu, choose **Print**.
- 6 Access the **Main** pane.



- 7 In the **A Media Type** list, select the type of paper that is loaded.




**8** Click **D Advanced Settings** to switch the print mode.



**9** Click **Image** in the **E Print Priority** list.


**10** Click **High (600dpi)** in the **F Print Quality** list.

 • Options displayed in the **F Print Quality** list vary depending on the paper type.

Note

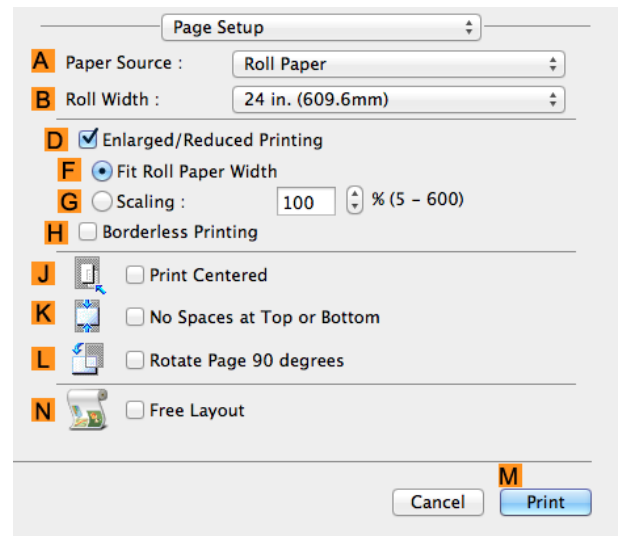
**11** Click **Monochrome** in the **H Color Mode** list.

**12** To adjust the brightness and contrast, click **I Set**.


 • For instructions on adjusting brightness and contrast, see "Adjusting the Color in the Printer Driver." → P.48

Note

**13** Access the **Page Setup** pane.



**14** Confirm the print settings, and then click **M Print** to start printing.

 • For tips on confirming print settings, see "Confirming Print Settings ." → P.258

Note

# Printing enlargements or reductions

- Resizing Originals to Match the Paper Size ..... 60
  - Resizing Originals to Match the Paper Size (Windows) ..... 60
- Resizing Originals to Fit the Roll Width ..... 62
  - Resizing Originals to Fit the Roll Width (Windows) ..... 62
  - Resizing Originals to Fit the Roll Width (Mac OS) ..... 64
- Resizing Originals by Entering a Scaling Value ..... 66
  - Resizing Originals by Entering a Scaling Value (Windows) ..... 67
  - Resizing Originals by Entering a Scaling Value (Mac OS) ..... 68

## Resizing Originals to Match the Paper Size

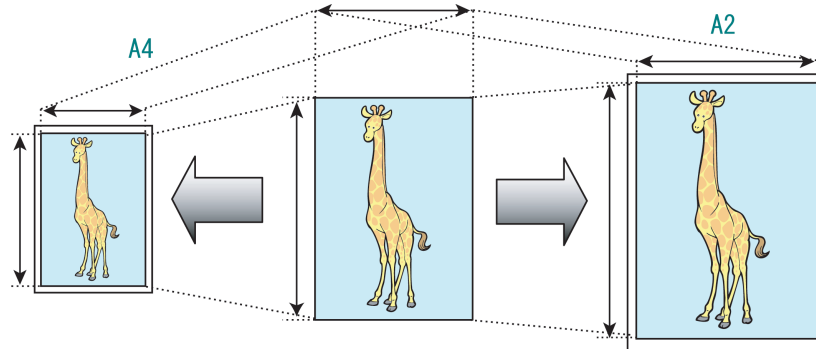
You can freely adjust the size of originals by enlarging or reducing them as desired.

### • Enlarged/Reduced Printing

Enlarge or reduce the original in the printer driver, as desired.

### • Fit Paper Size

Enlarge or reduce the original to match the size of the paper you are using.

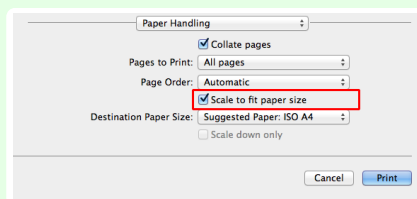


For instructions on printing with resizing to fit the paper size, refer to the following topics.

### • Resizing Originals to Match the Paper Size (Windows) → P.60



**Note** • To print with resizing to fit the paper size on Mac OS, use **Scale to fit paper size** in the **Paper Handling** panel provided by the OS. For more information, see the Mac OS User Manual.



• For better printing results when enlarging photos from a digital camera in TIFF or JPEG format, use an image-editing application software such as Adobe Photoshop to specify an image resolution of 150 dpi or more at actual size.

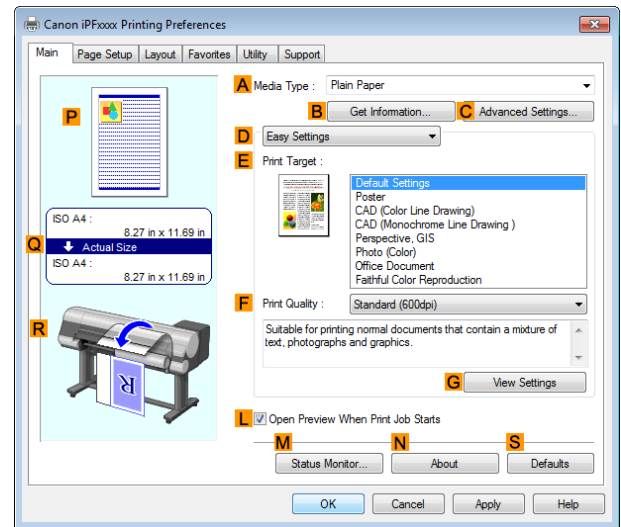
## Resizing Originals to Match the Paper Size (Windows)

This topic describes how to enlarge originals before printing to match the paper size, based on the following example.

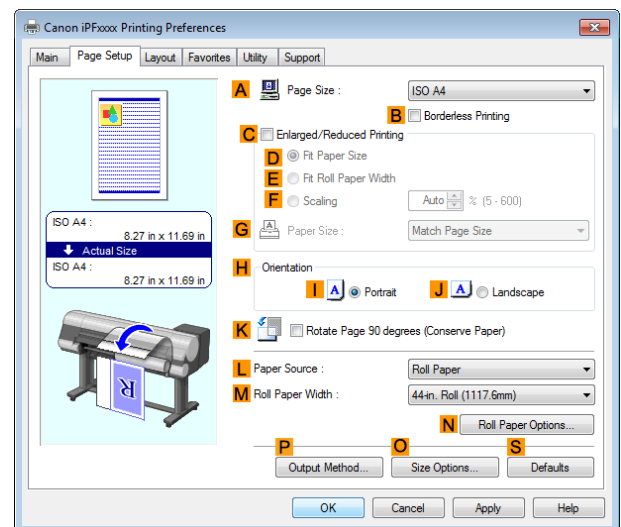
- Document: Any Type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper

- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

- 1 Choose **Print** in the application menu.
- 2 Select the printer in the dialog box, and then open the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications.") →P.152
- 3 Make sure the **Main** sheet is displayed.



- 4 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 5 Select the printing application in the **E Print Target** list.
- 6 Click the **Page Setup** tab to display the **Page Setup** sheet.



- 7 Select and click a roll paper in the **L Paper Source** list.
- 8 Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A2/A3 Roll (420.0mm)**.
- 9 In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4**.
- 10 Select the **C Enlarged/Reduced Printing** check box.
- 11 Select the **D Fit Paper Size** check box.
- 12 Click **ISO A3** in the **G Paper Size** list.

### 13 Confirm the print settings and print as desired.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Resizing Originals to Fit the Roll Width

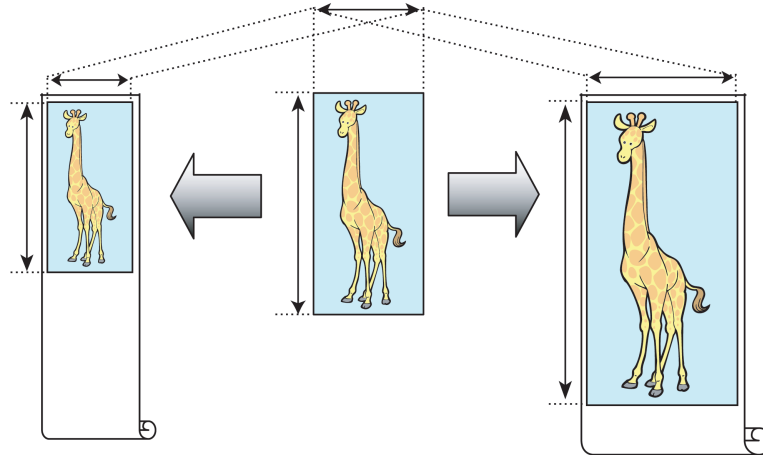
You can freely adjust the size of originals by enlarging or reducing them as desired.

### • Enlarged/Reduced Printing

Enlarge or reduce the original in the printer driver, as desired.

### • Fit Roll Paper Width

Enlarge or reduce the original as a whole to match the roll paper width, as desired.



## Resizing Originals to Fit the Roll Width (Windows)

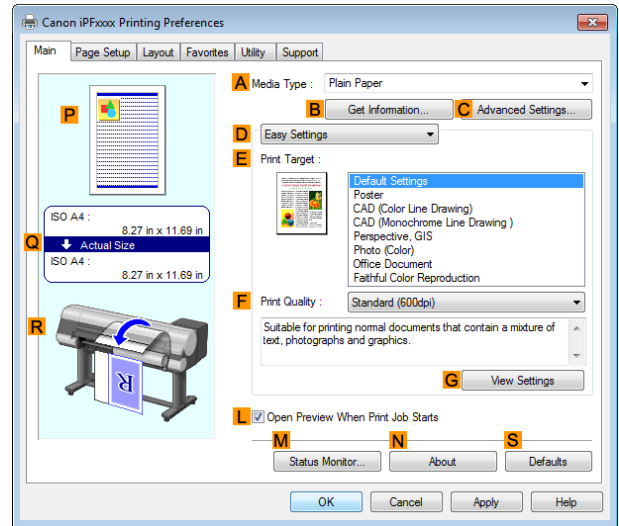
This topic describes how to enlarge originals before printing to match the roll width, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: 16 inches (406.4 mm)

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications ." →P.152)

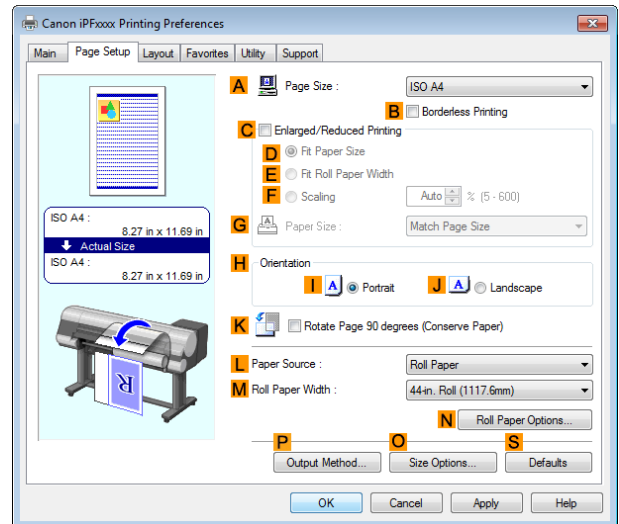
**3** Make sure the **Main** sheet is displayed.



**4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**5** Select the printing application in the **E Print Target** list.

**6** Click the **Page Setup** tab to display the **Page Setup** sheet.



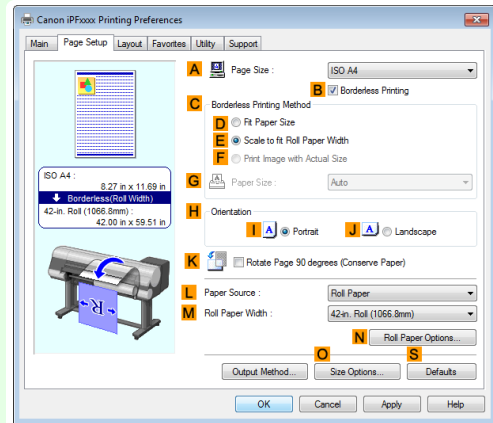
**7** Select and click a roll paper in the **L Paper Source** list.

**8** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.

9 Select the **C Enlarged/Reduced Printing** check box.



- If the **C Enlarged/Reduced Printing** check box is not displayed on the **Page Setup** sheet, clear the **B Borderless Printing** check box.



10 Click **E Fit Roll Paper Width**.



- After you click **E Fit Roll Paper Width**, the **Information** dialog box is displayed. Select the width of the loaded roll in the **Roll Paper Width** list and click **OK**.
- Make sure the roll paper width you specify matches the width of the loaded roll.

11 Confirm the print settings and print as desired.



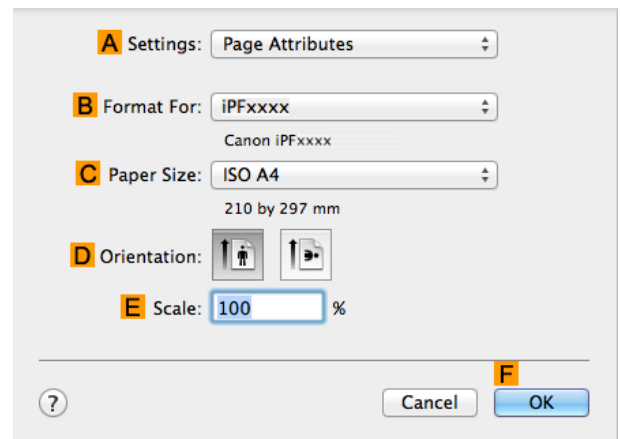
- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

### Resizing Originals to Fit the Roll Width (Mac OS)

This topic describes how to enlarge originals before printing to match the roll width, based on the following example.

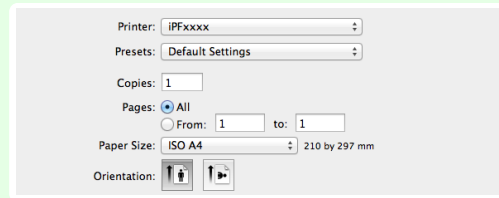
- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: 16 inches (406.4 mm)

1 Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

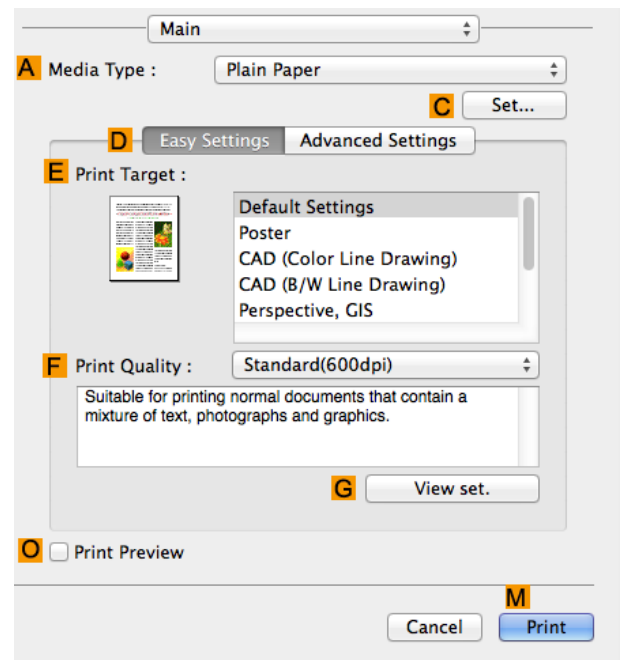




- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.

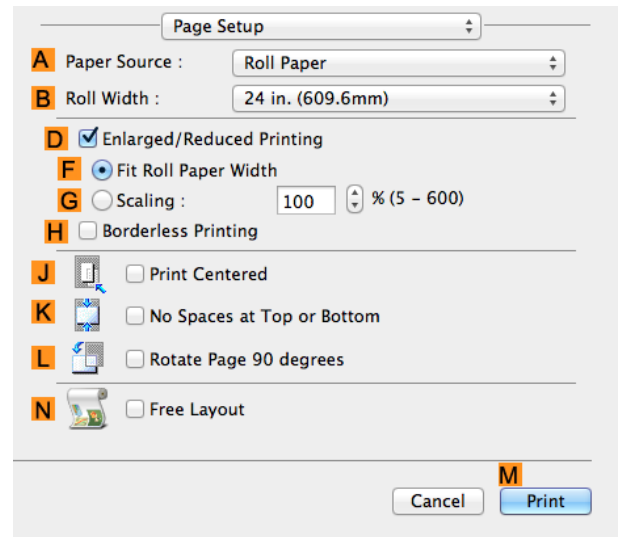


- 2 Select the printer in the **B Format for** list.
- 3 In **C Paper Size**, click the size of the original. In this case, click **ISO A4**.
- 4 Click **F OK** to close the dialog box.
- 5 Choose **Print** in the application menu.
- 6 Access the **Main** pane.



- 7 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 8 Make your selection in the **E Print Target** list.
- 9 Make your selection in the **F Print Quality** list.

**10** Access the **Page Setup** pane.



**11** Select and click a roll paper in the **A Paper Source** list.

**12** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **16 in. (406.4mm)** is selected.

**13** Select the **D Enlarged/Reduced Printing** check box.

**14** Click **F Fit Roll Paper Width**.

**15** Confirm the print settings, and then click **M Print** to start printing.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.258

Note

## Resizing Originals by Entering a Scaling Value

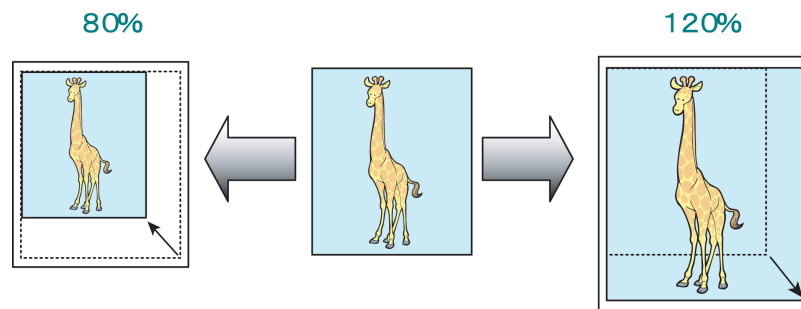
You can freely adjust the size of originals by enlarging or reducing them as desired.

• **Enlarged/Reduced Printing**

Enlarge or reduce the original in the printer driver, as desired.

• **Scaling**

Enlarge or reduce originals by a particular amount, as desired.



For instructions on entering a scaling value to resize originals, refer to the following topics, as appropriate for your operating system.

- **Resizing Originals by Entering a Scaling Value (Windows)** →P.67
- **Resizing Originals by Entering a Scaling Value (Mac OS)** →P.68



Note


• For better printing results when enlarging photos from a digital camera in TIFF or JPEG format, use an image-editing application software such as Adobe Photoshop to specify an image resolution of 150 dpi or more at actual size.



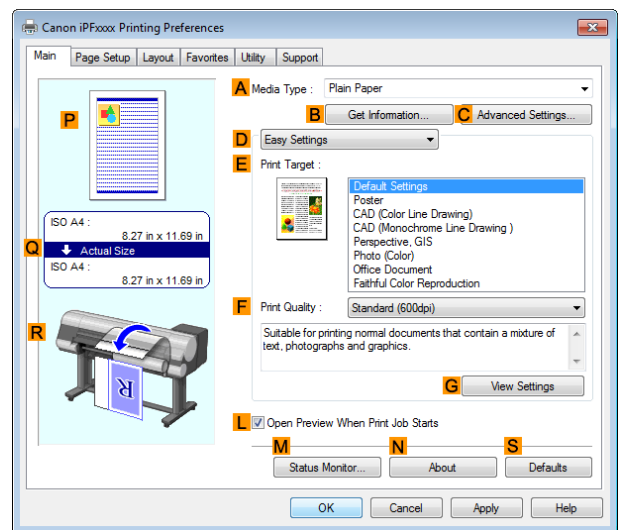
## Resizing Originals by Entering a Scaling Value (Windows)

This topic describes how to enlarge originals before printing by entering a scaling value, based on the following example.

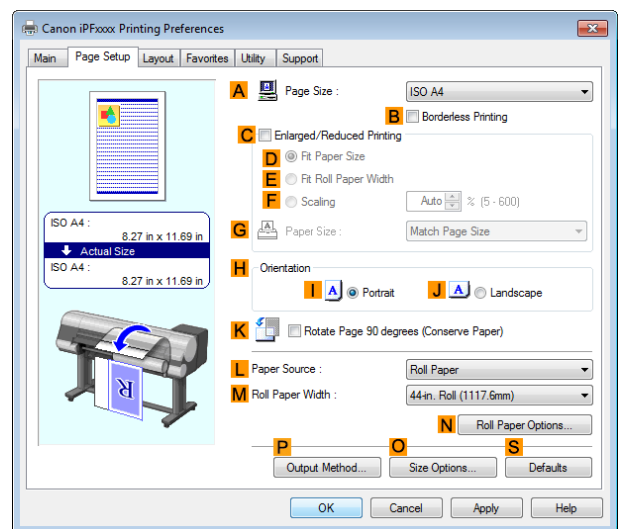
- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

 **Important** • In borderless printing, you cannot resize originals by entering a scaling value.

- 1 Choose **Print** in the application menu.
- 2 Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152
- 3 Make sure the **Main** sheet is displayed.



- 4 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 5 Select the printing application in the **E Print Target** list.
- 6 Click the **Page Setup** tab to display the **Page Setup** sheet.



- 7 Select and click a roll paper in the **L Paper Source** list.

**8** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A2/A3 Roll (420.0mm)**.

**9** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4**.

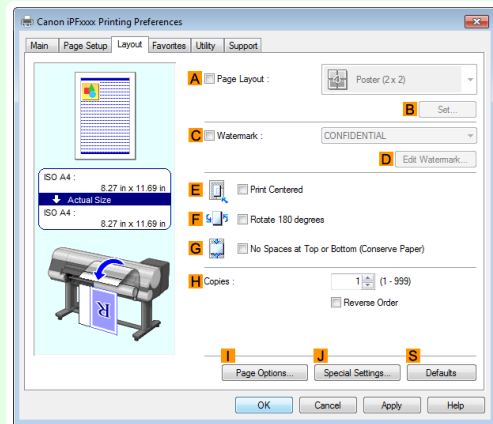
**10** Select the **C Enlarged/Reduced Printing** check box.

**11** Click **ISO A4** in the **G Paper Size** list.

**12** Click **F Scaling** and enter **120**.



- You can specify enlargement that exceeds the paper size, but in this case, the portions off the bottom and right edges of the paper will not be printed.
- If the original size after enlargement or reduction is smaller than the paper size, the original is printed in the upper-left corner. In this case, you can center originals by selecting **E Print Centered** on the **Layout** sheet.



**13** Confirm the print settings and print as desired.



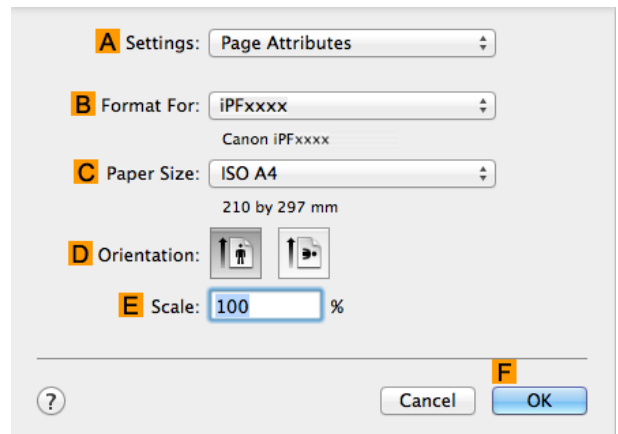
- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Resizing Originals by Entering a Scaling Value (Mac OS)

This topic describes how to enlarge originals before printing by entering a scaling value, based on the following example.

- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

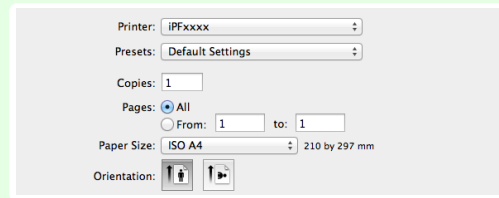
**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



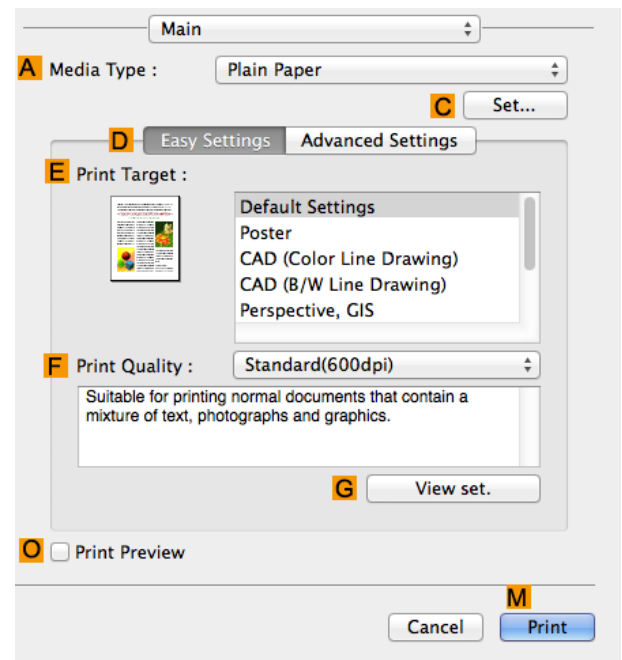


Note

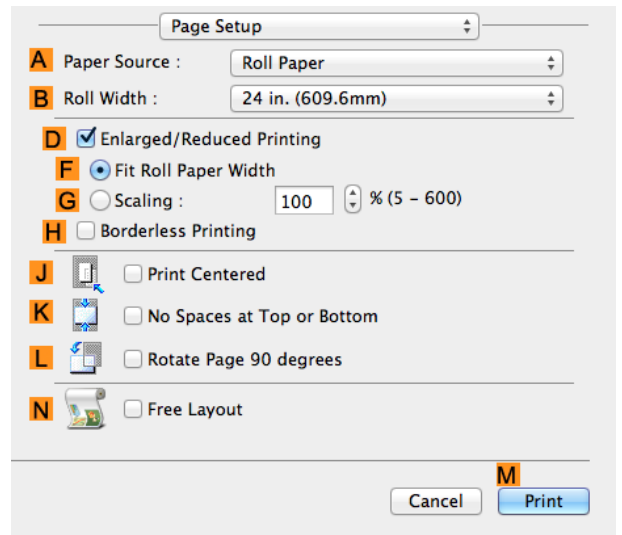
- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



- 2 Select the printer in the **B Format for** list.
- 3 In **C Paper Size**, click the size of the original. In this case, click **ISO A4**.
- 4 Click **F OK** to close the dialog box.
- 5 Choose **Print** in the application menu.
- 6 Access the **Main** pane.



- 7 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 8 Make your selection in the **E Print Target** list.
- 9 Make your selection in the **F Print Quality** list.

**10** Access the **Page Setup** pane.

**11** Select and click a roll paper in the **A Paper Source** list.

**12** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A2/A3 (420.0mm)** is selected.

**13** Select the **D Enlarged/Reduced Printing** check box.

**14** Click **G Scaling** and enter **120**.



Note

- You can specify enlargement that exceeds the paper size, but in this case, the portion off the edge of the paper will not be printed.
- If the original size after enlargement or reduction is smaller than the paper size, the original is printed in the upper-left corner. In this case, you can center originals by selecting the **J Print Centered** check box.

**15** Confirm the print settings, and then click **M Print** to start printing.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." [→P.258](#)

# Printing at full size

Printing on Oversize Paper .....	71
Printing at Full Size (Windows) .....	72
Printing at Full Size (Mac OS) .....	73
Borderless Printing at Actual Size .....	75
Borderless Printing at Actual Size (Windows) .....	76
Borderless Printing at Actual Size (Mac OS) .....	77

## Printing on Oversize Paper

You can print all areas of the original at full scale by selecting the paper size from **Oversize** (sizes where the margins needed for printer operation have been added to the page size). We recommend when printing with a focus on image.



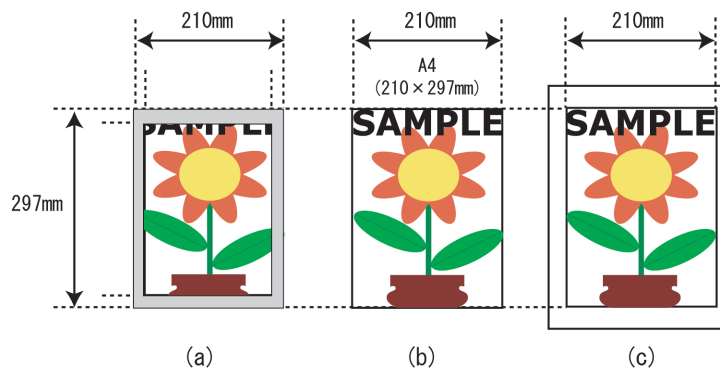
**Note** • If you prepare an original for printing without a margin and print it on paper of regular size, the image near the edge will not be printed.

### • Oversize

When printing on standard paper sizes, printing is performed by taking the margins necessary for printer operations inside the region of the original. (See "Print Area.") →P.661 For example, printing the A4 size (210 x 297 mm) original shown in Figure (b) gives the result as shown in Figure (a).

However, if **Oversize** paper is selected, printing is performed by taking the margins necessary for printer operations outside of the region of the original to give the result as shown in Figure (c).

The A4 size print as shown in Figure (b) can then be obtained by trimming the margins from the periphery after printing.



**Important**

- When printing on **Oversize** paper, load paper larger than the page size—a size that includes the margin required by the printer.
  - Sheets: Load paper that is at least 10 mm (0.39 in) wider and 28 mm (1.10 in) higher than the page size
  - Rolls: Load paper that is at least 10 mm (0.39 in) wider and 10 mm (0.39 in) higher than the page size



**Note**

- Paper larger than the maximum size supported by the printer cannot be used as paper for oversized printing. (See "Paper Sizes.") →P.320
- Oversized printing (selecting **Oversize** in **Page Size**) is only available in Windows.
- If you are performing oversized printing in Mac OS, you need to configure printing on non-standard paper sizes.
- To specify a non-standard paper size in oversized printing, register the paper size as a Custom Paper Size. Oversized printing is not available with **Custom Size**. (See "Printing on Non-Standard Paper Sizes.") →P.96

For instructions on oversize printing, refer to the following topics, as appropriate for your operating system.

- **Printing at Full Size (Windows)** →P.72

- **Printing at Full Size (Mac OS)** →P.73

## Printing at Full Size (Windows)

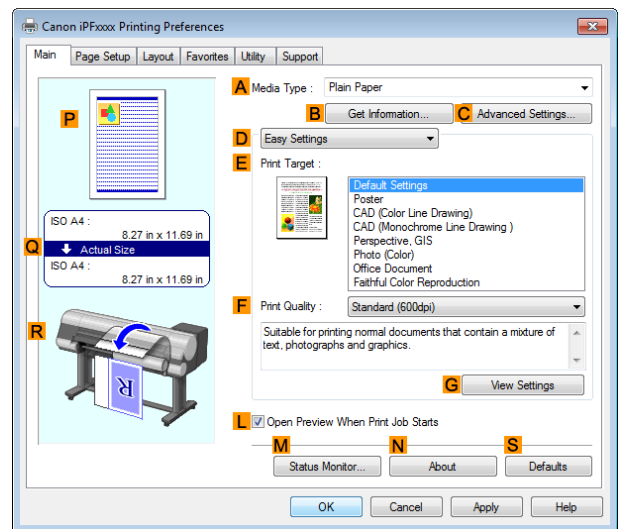
This topic describes how to print at full size based on the following example. (Oversized Printing)

- Document: Any Type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

**1** Choose **Print** in the application menu.

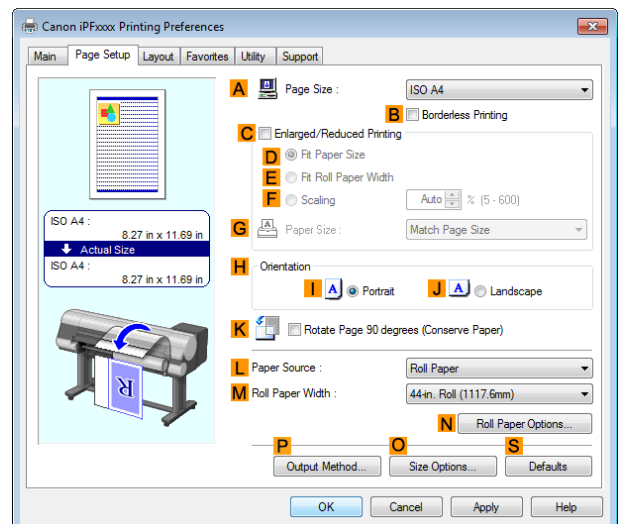
**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**3** Make sure the **Main** sheet is displayed.



**4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**5** Click the **Page Setup** tab to display the **Page Setup** sheet.




**6** Click **O Size Options** to display the **Paper Size Options** dialog box.

**7** In the **Paper Size Options** dialog box, select the **Oversize** check box in **Display Series**.

**8** Click **OK** to close the **Paper Size Options** dialog box.

- 9** Click **Oversize - ISO A4** in the **A Page Size** list.
- 10** Select and click a roll paper in the **L Paper Source** list.
- 11** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A2/A3 Roll (420.0mm)**.
- 12** Confirm the print settings and print as desired.

 • For tips on confirming print settings, see "Confirming Print Settings ." [→P.149](#)

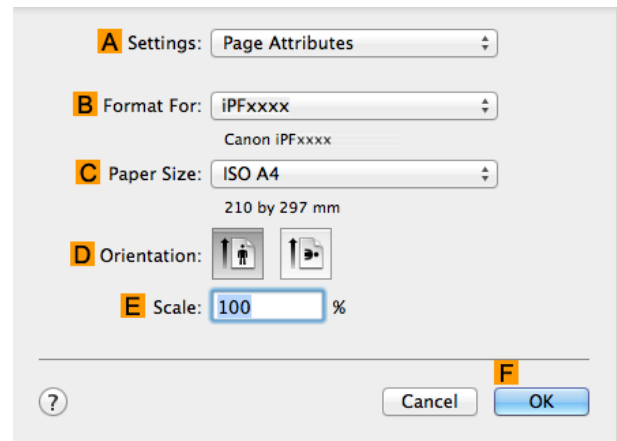
Note


## Printing at Full Size (Mac OS)

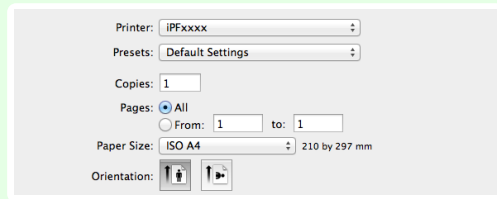
This topic describes how to print at full size based on the following example. (Oversized Printing)

- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

- 1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

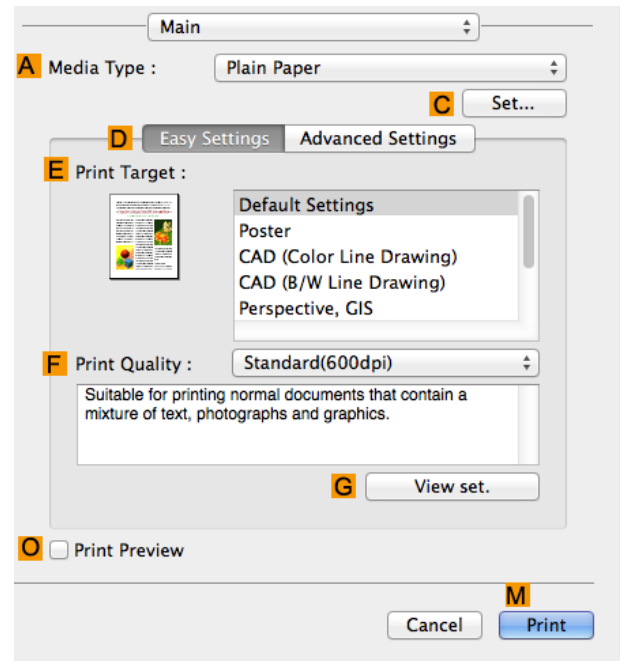


 • **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



- 2** Select the printer in the **B Format for** list.
- 3** In **C Paper Size**, click the size of the original. In this case, click **ISO A4 - Oversize**.
- 4** Click **F OK** to close the dialog box.
- 5** Choose **Print** in the application menu.

**6** Access the **Main** pane.

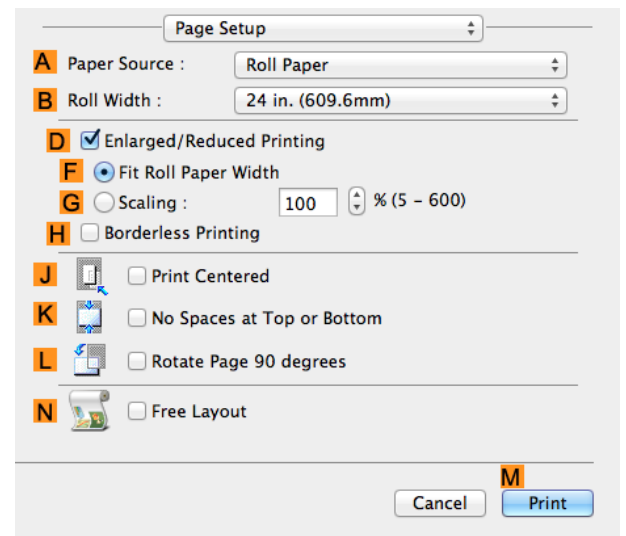


**7** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**8** Make your selection in the **E Print Target** list.

**9** Make your selection in the **F Print Quality** list.

**10** Access the **Page Setup** pane.



**11** Select and click a roll paper in the **A Paper Source** list.

**12** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A2/A3 (420.0mm)** is selected.

**13** Confirm the print settings, and then click **M Print** to start printing.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.258

Note



## Borderless Printing at Actual Size

Take advantage of borderless printing to print documents such as posters (made up mainly of photos or images) without a surrounding margin, or border. In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.

- Borderless printing is only available with rolls.
- Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. (See "Displaying the Paper Reference Guide." → P.323)
- Although it normally prints borderless on the top, bottom, left, and right (4-edge borderless), in the following cases, it becomes borderless only on the left and right (2-edge borderless) because the top and bottom of the printed image are not automatically cut.
  - When paper where the borderless printing is described as two edges only in the **Paper Reference Guide** (paper where printed image areas cannot be cut cleanly) is selected
  - When the following settings are made in the printer control panel
    - **Cutting Mode is Manual**
    - **CutDustReduct. is On**
  - When auto cut is configured as not performed in the printer driver



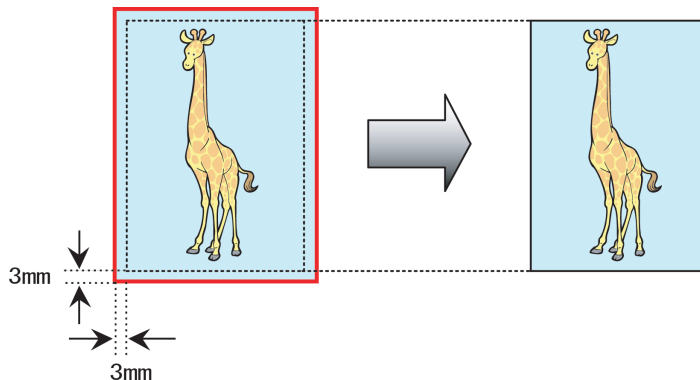
Important

- Borderless printing is not possible if details such as crop marks and margins are included as data on the periphery of the original.
- If the length of the image to print is short, then since the roll paper is fed out to a prescribed length before cutting in order to prevent cutting problems and ejection problems, the trailing edge of the roll paper might not be printed borderless.
- These features cannot be used in combination with borderless printing: special page layouts, centering originals, and printing cut lines on rolls.
- If **Fit Paper Size** or **Print Image with Actual Size** (Windows only) is selected while performing borderless printing, **Rotate Page 90 degrees (Conserve Paper)** cannot be selected. Note that if borderless printing is possible, then even if the original is rotated 90 degrees, it will be printed by automatically rotating the page by 90 degrees.

Choose the method of borderless printing that suits the original, as desired.

### Print Image with Actual Size

Prints originals at actual size, without enlarging or reducing them. We recommend when focusing on image quality. You should create the original at a size larger by 3 mm on each side than the paper size.



Note

- Not all page sizes are available.
- When performing borderless printing without using **Print Image with Actual Size**, the image deteriorates slightly because the image is automatically enlarged.

For instructions on borderless printing of photos and images at actual size, refer to the following topics, as appropriate for your operating system.

- **Borderless Printing at Actual Size (Windows)** → P.76

- **Borderless Printing at Actual Size (Mac OS)** →P.77

## Borderless Printing at Actual Size (Windows)

This topic describes how to print borderlessly at actual size based on the following example.



- When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, select **No** from the **Automatic Cutting** list in the **Roll Paper Options** dialog box. In this case, the paper can be printed without borders on the left and right sides only. Once printed and cut, please cut the upper and lower bands with scissors.

- Document: Any type
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: **Canon Glossy Photo Paper 170gsm**
- Roll paper width: 10 inches (254.0 mm)

**1** Create the original in the source application 3 mm (0.12 in) larger on each side than 254.0×304.8 mm (10 × 12 in)—that is, 260.0×310.8 mm (10.2 × 12.2 in)

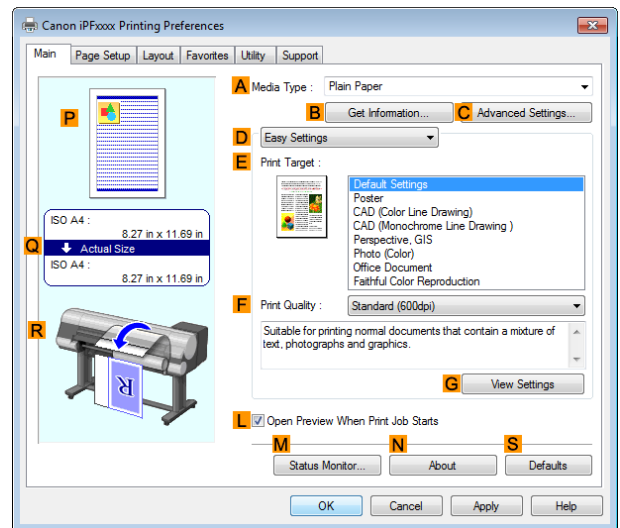


- If you can specify the margin, as in Microsoft Word, set the margin at 0 mm. For instructions on specifying the margin, refer to the software documentation.
- The extra 3 mm (0.12 in) on each side will not be printed. Create the original so that it fits inside the paper area to be printed on.

**2** Choose **Print** in the application menu.

**3** Select the printer in the dialog box, and then display the printer driver dialog box. (See "**Accessing the Printer Driver Dialog Box from Applications .**") →P.152

**4** Make sure the **Main** sheet is displayed.



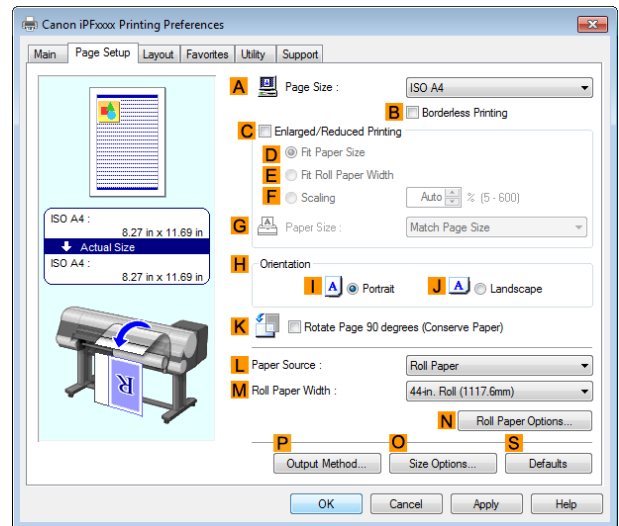
**5** In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Canon Glossy Photo Paper 170gsm**.

**6** Select the print target in the **E Print Target** list.



- When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this kind of situation, change the ink drying time using the following procedure.
  - Click **Advanced Settings** in **Media Type**.
  - Select an ink drying time in the list for the **Between Pages** setting of **Drying Time**.

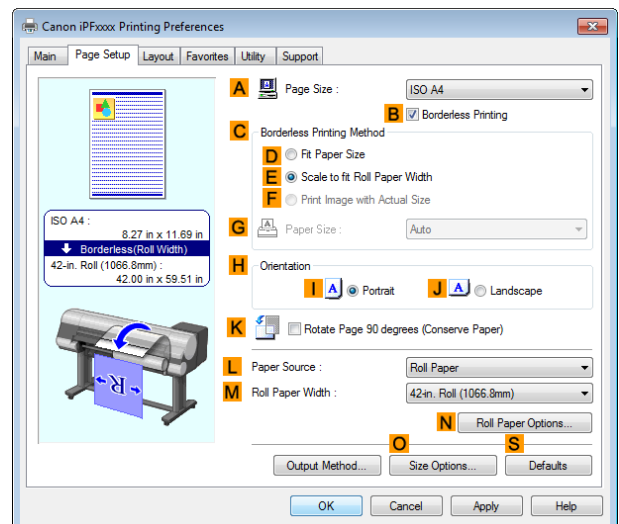
- 7** Click the **Page Setup** tab to display the **Page Setup** sheet.



- 8** In the **A Page Size** list, click the size of the original as specified in the source application. In this case, click **10"x12"**.

- 9** Select and click a roll paper in the **L Paper Source** list.

- 10** Select the **B Borderless Printing** check box to display the **Information** dialog box.



- 11** Select the width of the loaded roll in the **Roll Paper Width** list—in this case, click **10-in. Roll (254.0mm)**.

- 12** Click **OK** to close the **Information** dialog box.

- 13** In **C Borderless Printing Method**, click **F Print Image with Actual Size**.

- 14** Confirm the print settings and print as desired.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

Note

## Borderless Printing at Actual Size (Mac OS)

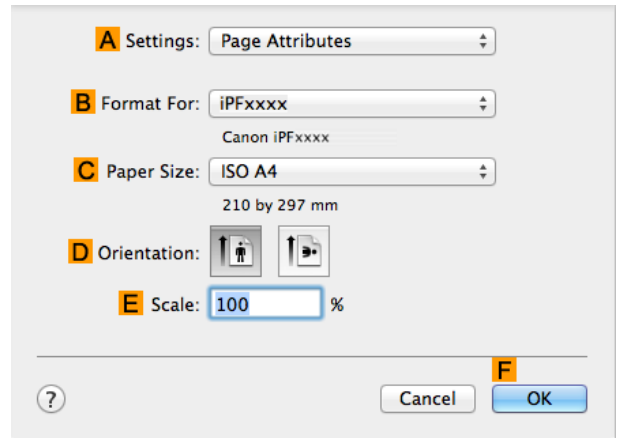
This topic describes how to print borderlessly at actual size based on the following example.



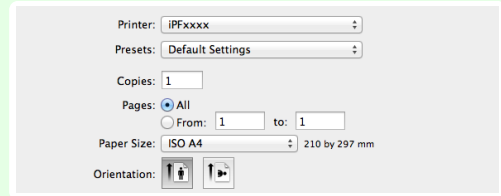
When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, select **No** from the **Automatic Cutting** list in the **Paper Detailed Settings** dialog box. In this case, the paper can be printed without borders on the left and right sides only. Once printed and cut, please cut the upper and lower bands with scissors.

- Document: Any type
- Page size: 10 × 12 inches (254.0×304.8 mm)–Borderless
- Paper: Roll
- Paper type: **Canon Glossy Photo Paper 170gsm**
- Roll paper width: 10 inches (254.0 mm)

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



**Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



**2** Select the printer in the **B Format for** list.

**3** In the **C Paper Size** list, choose a paper size supported for borderless printing. Here, click **10"x12" - Borderless**.



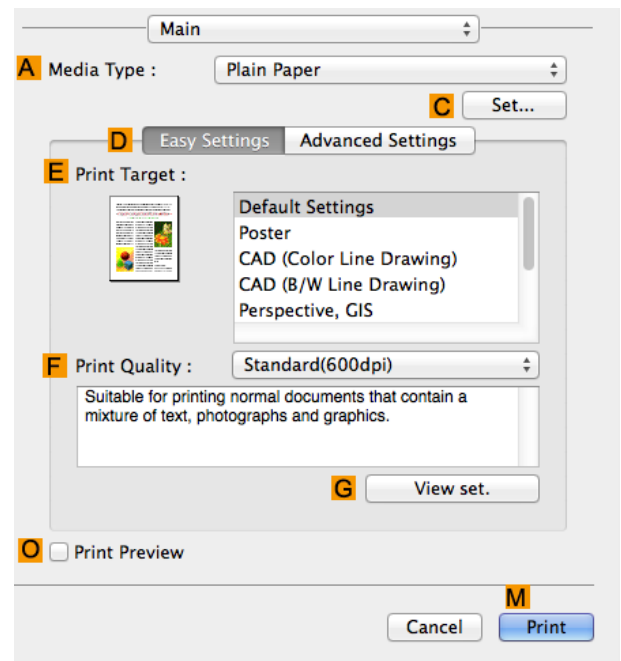
Paper sizes supported for borderless printing are indicated by **-Borderless**.

**4** Click **F OK** to close the dialog box.

**5** In the application, create an original that takes up the entire space of the paper size.

**6** Choose **Print** in the application menu.

## 7 Access the **Main** pane.



## 8 In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Canon Glossy Photo Paper 170gsm**.

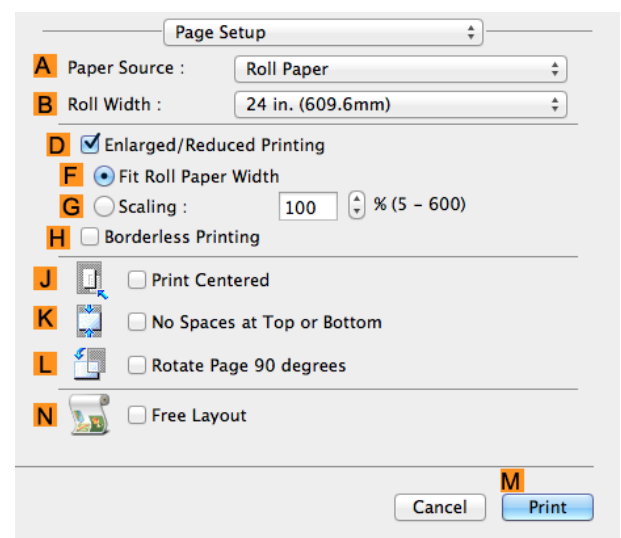
## 9 Select the print target in the **E Print Target** list.



Important

- When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this kind of situation, change the ink drying time in **Between Pages** in the **Paper Detailed Settings** dialog box.

## 10 Access the **Page Setup** pane.



## 11 Select and click a roll paper in the **A Paper Source** list. Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **10 in. (254.0mm)** is selected.

## 12 Confirm the print settings, and then click **M Print** to start printing.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.258

# Borderless Printing

- Borderless Printing on Paper of Equivalent Size ..... 80
  - Borderless Printing by Resizing Originals to Match the Paper Size (Windows) ..... 81
- Borderless Printing by Resizing Originals to Fit the Roll Width ..... 83
  - Borderless Printing by Resizing Originals to Fit the Roll Width (Windows) ..... 84
  - Borderless Printing by Resizing Originals to Fit the Roll Width (Mac OS) ..... 86
- Borderless Printing at Actual Size ..... 75
  - Borderless Printing at Actual Size (Windows) ..... 76
  - Borderless Printing at Actual Size (Mac OS) ..... 77

## Borderless Printing on Paper of Equivalent Size

Take advantage of borderless printing to print documents such as posters (made up mainly of photos or images) without a surrounding margin, or border.

In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.

- Borderless printing is only available with rolls.
- Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. (See "Displaying the Paper Reference Guide." →P.323)
- Although it normally prints borderless on the top, bottom, left, and right (4-edge borderless), in the following cases, it becomes borderless only on the left and right (2-edge borderless) because the top and bottom of the printed image are not automatically cut.
  - When paper where the borderless printing is described as two edges only in the **Paper Reference Guide** (paper where printed image areas cannot be cut cleanly) is selected
  - When the following settings are made in the printer control panel
    - **Cutting Mode** is **Manual**
    - **CutDustReduct.** is **On**
  - When auto cut is configured as not performed in the printer driver



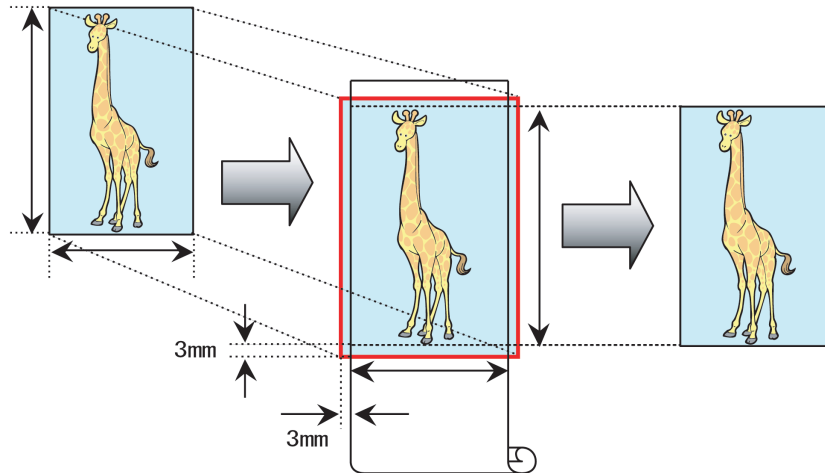
Important

- Borderless printing is not possible if details such as crop marks and margins are included as data on the periphery of the original.
- If the length of the image to print is short, then since the roll paper is fed out to a prescribed length before cutting in order to prevent cutting problems and ejection problems, the trailing edge of the roll paper might not be printed borderless.
- These features cannot be used in combination with borderless printing: special page layouts, centering originals, and printing cut lines on rolls.
- If **Fit Paper Size** or **Print Image with Actual Size** (Windows only) is selected while performing borderless printing, **Rotate Page 90 degrees (Conserve Paper)** cannot be selected. Note that if borderless printing is possible, then even if the original is rotated 90 degrees, it will be printed by automatically rotating the page by 90 degrees.

Choose the method of borderless printing that suits the original, as desired.

• **Fit Paper Size**

Enlarge or reduce the original to match the size of the paper you are using.



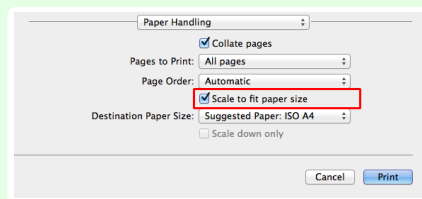
• The printer driver automatically enlarges originals 3 mm (0.12 in) past the dimensions of the paper on each side. The 3 mm portion beyond the edge on each side is not printed.

For instructions on borderless printing of photos, images, and other documents to match the paper size, refer to the following topics, as appropriate for your operating system.

- **Borderless Printing by Resizing Originals to Match the Paper Size (Windows)** → P.81



• To perform borderless printing with resizing to fit the paper size on Mac OS, select borderless in **Paper Size** and use **Scale to fit paper size** in the **Paper Handling** panel provided by the OS. For more information, see the Mac OS User Manual.



**Borderless Printing by Resizing Originals to Match the Paper Size (Windows)**

This topic describes how to enlarge originals before borderless printing to match the paper size, based on the following example.



• When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, select **No** from the **Automatic Cutting** list in the **Roll Paper Options** dialog box. In this case, the paper can be printed without borders on the left and right sides only. Once printed and cut, please cut the upper and lower bands with scissors.

- Document: Any type
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: **Canon Glossy Photo Paper 170gsm**
- Roll paper width: 10 inches (254.0 mm)

**1** In the application, create an original that takes up the entire space of the paper size.

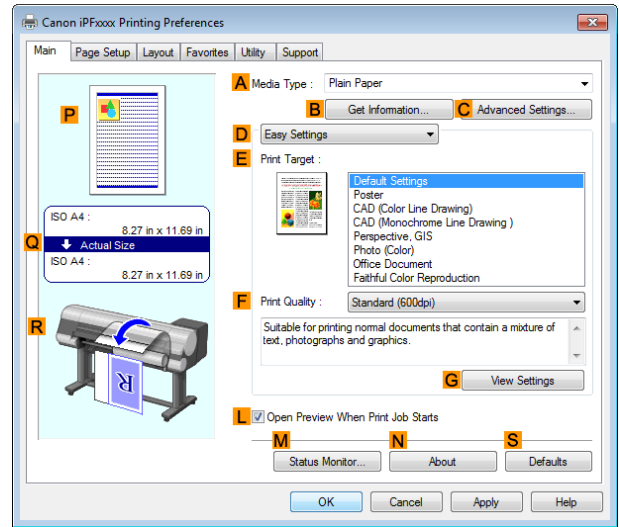


• If you can specify the margin, as in Microsoft Word, set the margin at 0 mm. For instructions on specifying the margin, refer to the software documentation.

**2** Choose **Print** in the application menu.

**3** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**4** Make sure the **Main** sheet is displayed.



**5** In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Canon Glossy Photo Paper 170gsm**.

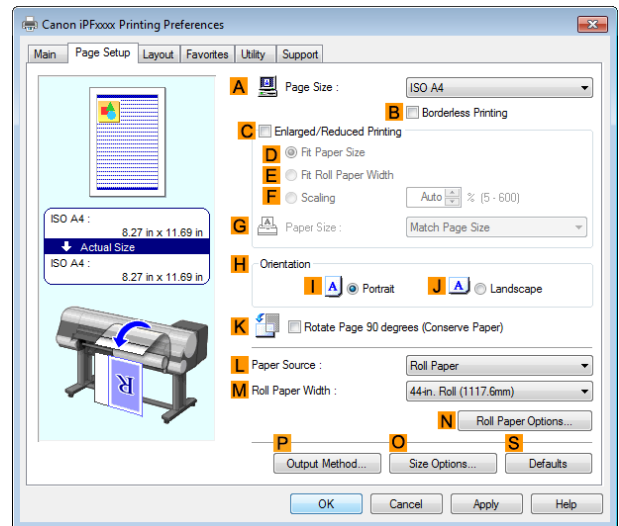
**6** Select the print target in the **E Print Target** list.



Important

- When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this kind of situation, change the ink drying time using the following procedure.
  - Click **Advanced Settings** in **Media Type**.
  - Select an ink drying time in the list for the **Between Pages** setting of **Drying Time**.

**7** Click the **Page Setup** tab to display the **Page Setup** sheet.

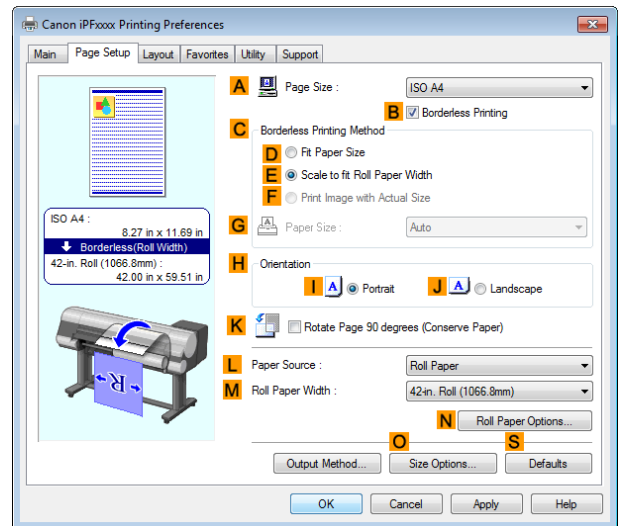


**8** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **10"x12"**.

**9** Select and click a roll paper in the **L Paper Source** list.



- 10** Select the **B Borderless Printing** check box to display the **Information** dialog box.



- 11** Select the width of the loaded roll in the **Roll Paper Width** list—in this case, click **10-in. Roll (254.0mm)**.
- 12** Click **OK** to close the **Information** dialog box.
- 13** In **C Borderless Printing Method**, click **D Fit Paper Size**.
- 14** Click **Match Page Size** in the **G Paper Size** list.
- 15** Confirm the print settings and print as desired.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Borderless Printing by Resizing Originals to Fit the Roll Width

Take advantage of borderless printing to print documents such as posters (made up mainly of photos or images) without a surrounding margin, or border.

In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.

- Borderless printing is only available with rolls.
- Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. (See "Displaying the Paper Reference Guide." ) →P.323
- Although it normally prints borderless on the top, bottom, left, and right (4-edge borderless), in the following cases, it becomes borderless only on the left and right (2-edge borderless) because the top and bottom of the printed image are not automatically cut.
  - When paper where the borderless printing is described as two edges only in the **Paper Reference Guide** (paper where printed image areas cannot be cut cleanly) is selected
  - When the following settings are made in the printer control panel
    - **Cutting Mode** is **Manual**
    - **CutDustReduct.** is **On**
  - When auto cut is configured as not performed in the printer driver

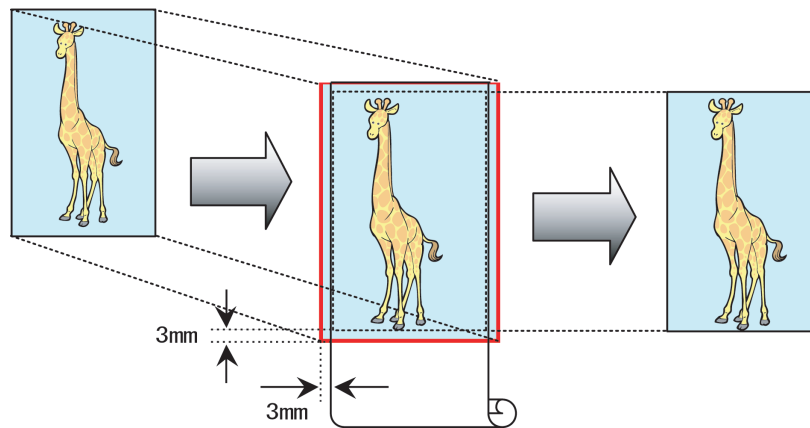


- Borderless printing is not possible if details such as crop marks and margins are included as data on the periphery of the original.
- If the length of the image to print is short, then since the roll paper is fed out to a prescribed length before cutting in order to prevent cutting problems and ejection problems, the trailing edge of the roll paper might not be printed borderless.
- These features cannot be used in combination with borderless printing: special page layouts, centering originals, and printing cut lines on rolls.
- If **Fit Paper Size** or **Print Image with Actual Size** (Windows only) is selected while performing borderless printing, **Rotate Page 90 degrees (Conserve Paper)** cannot be selected. Note that if borderless printing is possible, then even if the original is rotated 90 degrees, it will be printed by automatically rotating the page by 90 degrees.

Choose the method of borderless printing that suits the original, as desired.

• **Scale to fit Roll Paper Width**

Enlarge or reduce the original as a whole to match the roll paper width.



- You can combine this function with rotating pages 90 degrees before printing so that the original width (relative to portrait orientation) matches the roll paper width in borderless printing.

For instructions on borderless printing of photos, images, and other documents to match the roll paper width, refer to the following topics, as appropriate for your operating system.

- **Borderless Printing by Resizing Originals to Fit the Roll Width (Windows)** → P.84
- **Borderless Printing by Resizing Originals to Fit the Roll Width (Mac OS)** → P.86

### Borderless Printing by Resizing Originals to Fit the Roll Width (Windows)

This topic describes how to enlarge originals before borderless printing to match the roll width, based on the following example.



- When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, select **No** from the **Automatic Cutting** list in the **Roll Paper Options** dialog box. In this case, the paper can be printed without borders on the left and right sides only. Once printed and cut, please cut the upper and lower bands with scissors.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: **Canon Glossy Photo Paper 170gsm**
- Roll paper width: 10 inches (254.0 mm)

**1** In the application, create an original that takes up the entire space of the paper size.

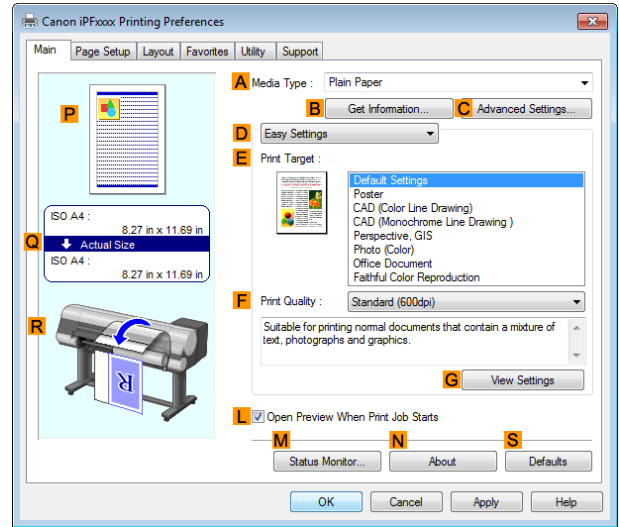


- If you can specify the margin, as in Microsoft Word, set the margin at 0 mm. For instructions on specifying the margin, refer to the software documentation.

2 Choose **Print** in the application menu.

3 Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

4 Make sure the **Main** sheet is displayed.



5 In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Canon Glossy Photo Paper 170gsm**.

6 Select the print target in the **E Print Target** list.

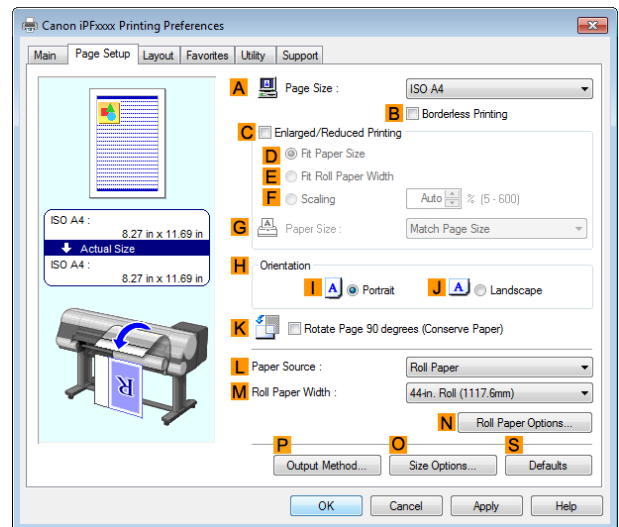


Important

- When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this kind of situation, change the ink drying time using the following procedure.

- Click **Advanced Settings** in **Media Type**.
- Select an ink drying time in the list for the **Between Pages** setting of **Drying Time**.

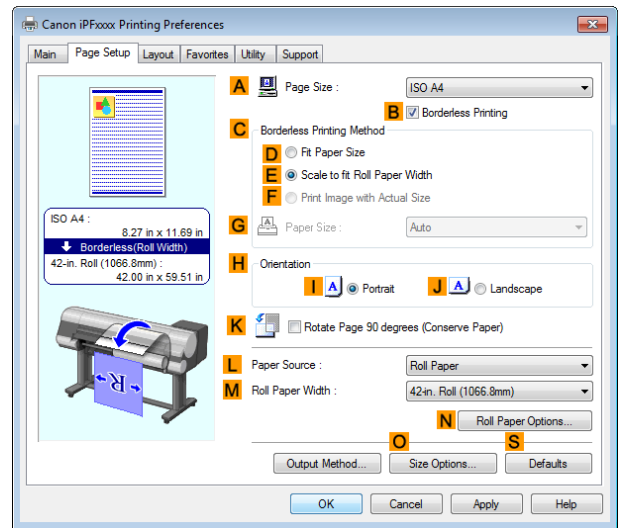
7 Click the **Page Setup** tab to display the **Page Setup** sheet.



8 In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4**.

9 Select and click a roll paper in the **L Paper Source** list.

**10** Select the **B Borderless Printing** check box to display the **Information** dialog box.



**11** Select the width of the loaded roll in the **Roll Paper Width** list—in this case, click **10-in. Roll (254.0mm)**.

**12** Click **OK** to close the **Information** dialog box.

**13** In **C Borderless Printing Method**, make sure **E Scale to fit Roll Paper Width** is selected.

**14** Confirm the print settings and print as desired.

• For tips on confirming print settings, see "Confirming Print Settings ." →P.149  
Note

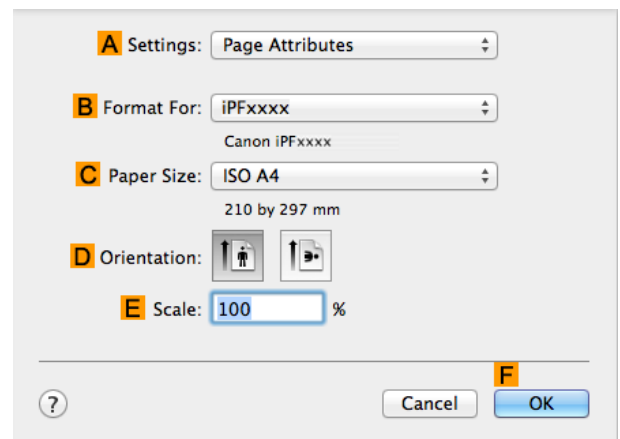
### Borderless Printing by Resizing Originals to Fit the Roll Width (Mac OS)

This topic describes how to enlarge originals before borderless printing to match the roll width, based on the following example.

**Important** • When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, select **No** from the **Automatic Cutting** list in the **Paper Detailed Settings** dialog box. In this case, the paper can be printed without borders on the left and right sides only. Once printed and cut, please cut the upper and lower bands with scissors.

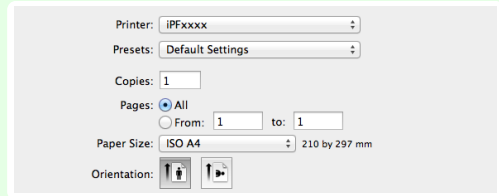
- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: **Canon Glossy Photo Paper 170gsm**
- Roll paper width: 10 inches (254.0 mm)

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.





• **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



**2** Select the printer in the **B Format for** list.

**3** In **C Paper Size**, click the size of the original. In this case, click **ISO A4**.



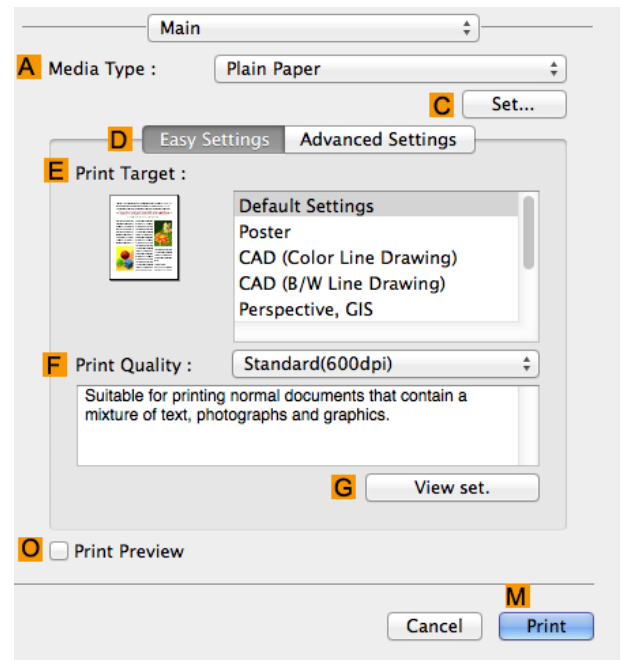
• All sizes are available in borderless printing if you resize originals to fit the roll width.

**4** Click **F OK** to close the dialog box.

**5** In the application, create an original that takes up the entire space of the paper size.

**6** Choose **Print** in the application menu.

**7** Access the **Main** pane.

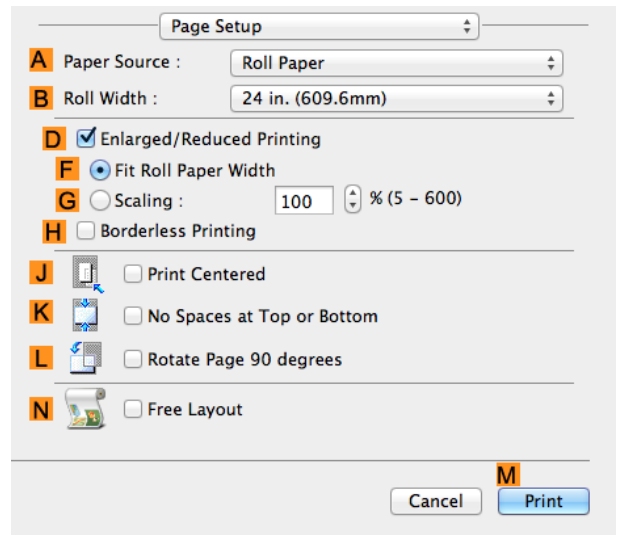


**8** In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Canon Glossy Photo Paper 170gsm**.

**9** Select the print target in the **E Print Target** list.



• When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this kind of situation, change the ink drying time in **Between Pages** in the **Paper Detailed Settings** dialog box.

**10** Access the **Page Setup** pane.

**11** Select and click a roll paper in the **A Paper Source** list.

**12** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **10 in. (254.0mm)** is selected.

**13** Select the **D Enlarged/Reduced Printing** check box.

**14** Select **F Fit Roll Paper Width**.

**15** Select the **H Borderless Printing** check box.

**16** Confirm the print settings, and then click **M Print** to start printing.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.258

# Printing banners or at other non-standard sizes

- Printing Vertical or Horizontal Banners (Large-Format Printing) ..... 89
  - Printing Vertical or Horizontal Banners (Large-Format Printing; Windows) ..... 90
  - Printing Vertical or Horizontal Banners (Large-Format Printing; Mac OS) ..... 93
- Printing on Non-Standard Paper Sizes ..... 96
  - Printing on Non-Standard Paper Sizes (Windows) ..... 96
  - Printing on Non-Standard Paper Sizes (Mac OS) ..... 99

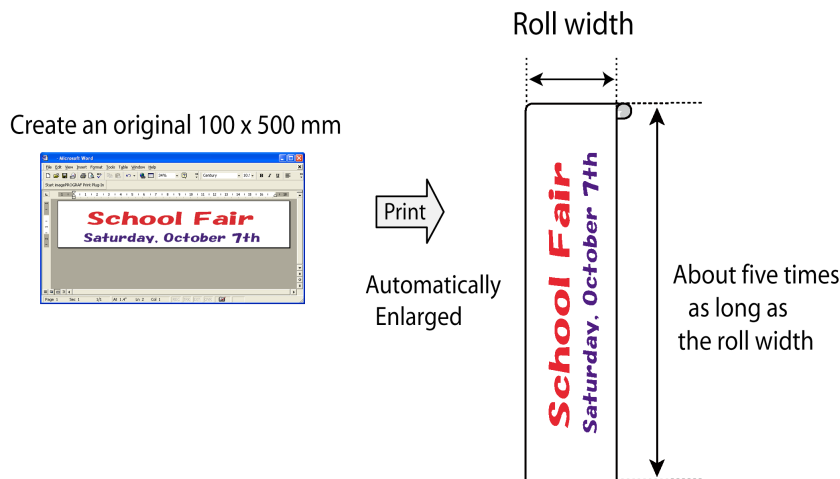
## Printing Vertical or Horizontal Banners (Large-Format Printing)

On this printer, large-format printing of up to 18.0 m is available using rolls. If you use Print Plug-In for Office or PosterArtist, you can easily print maximum 18.0 m vertical or horizontal banners. (Refer to "Print Plug-In for Office/features (Windows)" →P.217 and "Using PosterArtist to Compose Originals" →P.38 .)

However, you may not be able to print 18.0 m due to restrictions in the settable document size according to the application software.

### Fit Roll Paper Width

To match the width of vertical and horizontal banners with the width of rolls, use the printer driver function for automatically enlarging/reducing and printing. For example, if you automatically enlarge a document created with application software such as Microsoft Word, you can print the full width of the roll easily.



For instructions on printing vertical or horizontal banners, refer to the following topics, as appropriate for your operating system.

- **Printing Vertical or Horizontal Banners (Large-Format Printing; Windows)** →P.90
- **Printing Vertical or Horizontal Banners (Large-Format Printing; Mac OS)** →P.93



- Before printing, check how much of the roll paper is left. If you have activated automatic detection of the remaining roll paper, a warning message is displayed when there is not enough roll paper left.
- If not much ink is left, prepare replacement ink tanks.
- To print at a higher level of quality, in the printer driver, choose **High** or **Highest** in Print Quality, and choose **Unidirectional Printing** as the direction of printing.

## Printing Vertical or Horizontal Banners (Large-Format Printing; Windows)

By automatic enlargement of a document created with an application software by the printer driver, you can print maximum 18.0 m vertical or horizontal banners.

However, you may not be able to print 18.0 m due to restrictions in the settable document size according to the application software.

This topic describes how to print a banner about five times as long as the roll width based on the following example.

- Document: A horizontal banner created in Microsoft Word
- Page size: Non-standard (100×500 mm [3.9×19.7 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: 16 in (406.4 mm)

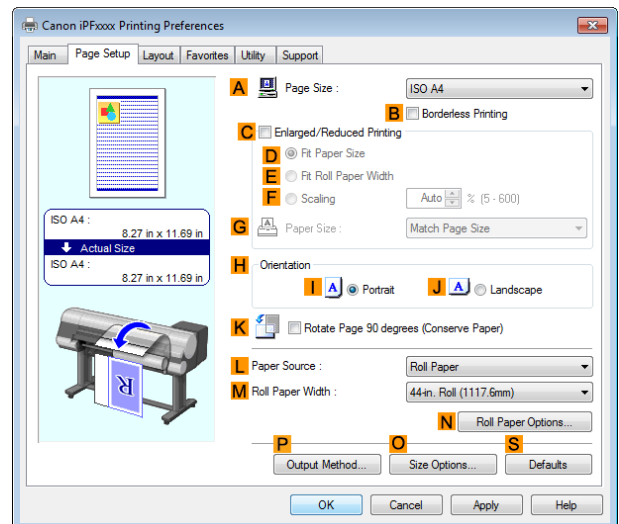
The print procedure is as follows.

1. Register a Custom Paper Size in the printer driver.  
Call a non-standard paper size registered in the printer driver with Custom Paper Size.  
Once you register Custom Paper Size, you then can select it repeatedly from the paper size list.  
Custom Paper Size can be set up to 18.0 m.
2. In the application, create an original in the size you registered.
3. Print the banner, using the settings that correspond to banners.

### Registering a Custom Paper Size

This example describes how to register a paper size that is horizontally elongated and suitable for banners in either horizontal or vertical format.

- 1 Display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from the Operating System Menu ." ) →P.153
- 2 Click the **Page Setup** tab to display the **Page Setup** sheet.



- 3 Select and click a roll paper in the **L Paper Source** list.
- 4 Click **O Size Options** to display the **Paper Size Options** dialog box.
- 5 Enter a desired paper name in **Custom Paper Size Name**. **My Horizontal Banner** is used in this example.
- 6 In **Units**, click **mm**.
- 7 Under **Paper Size**, enter **100** in **Width** and **500** in **Height**.
- 8 Click **Add** to add the paper size of **My Horizontal Banner**.



**9** Click **OK** to close the **Paper Size Options** dialog box.

**10** Close the printer driver dialog box.



- Although you can even set **Custom Size** for the paper size, the maximum settable size is 3.2 m. The setting of **Custom Size** is disabled when you exit the application software. For more information, see "Printing on Non-Standard Paper Sizes ." → P.96

### Creating the banner in the application

Follow the steps below to create the banner in Microsoft Word using the Custom Paper Size you registered.

**1** Start Microsoft Word.

**2** Choose **Page Setup** from the **File** menu to display the **Page Setup** dialog box.

**3** Under **Paper Size**, click the Custom Paper Size you registered—**My Horizontal Banner** in this example.



**Important**

- If **My Horizontal Banner** is not listed, make sure this printer is selected as the printer to use.
- In applications such as Microsoft PowerPoint that do not enable you to choose registered paper sizes, use the custom paper size setting in **Custom** and specify 100×500 mm (3.9×19.7 in)

**4** Set the printing orientation to horizontal.

**5** Create the banner.

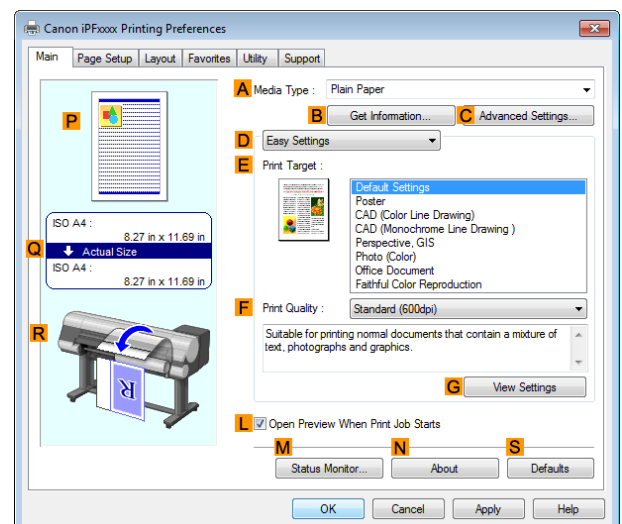
### Printing the banner

Follow these steps to print the banner using the corresponding banner settings.

**1** Choose **Print** in the Microsoft Word menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") → P.152

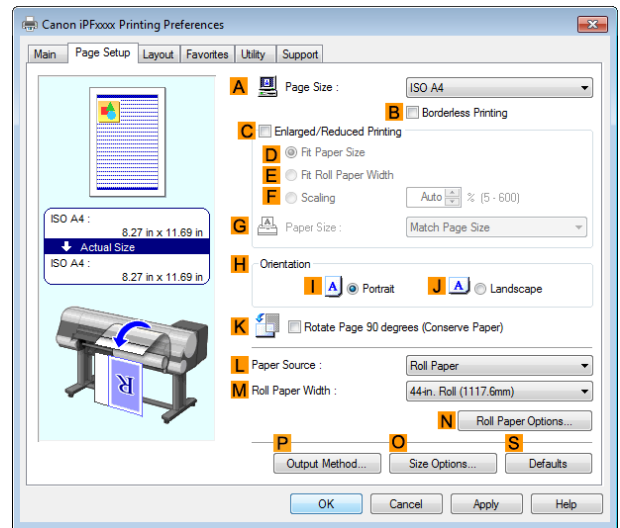
**3** Make sure the **Main** sheet is displayed.



**4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**5** After confirming that **D Easy Settings** is selected, click **Poster** in the **E Print Target** list.

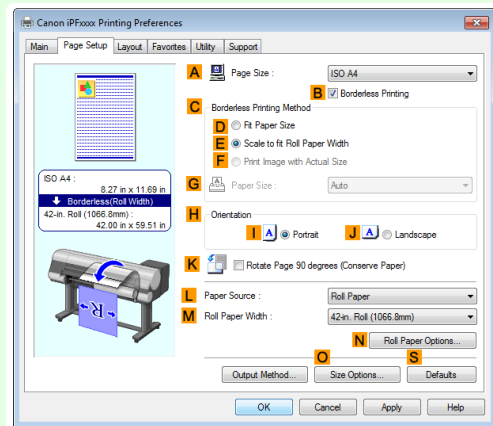
**6** Click the **Page Setup** tab to display the **Page Setup** sheet.



**7** In the **A Page Size** list, click the size you registered, **My Horizontal Banner**.

**8** Select the **C Enlarged/Reduced Printing** check box.

**Note** • If the **C Enlarged/Reduced Printing** check box is not displayed on the **Page Setup** sheet, clear the **B Borderless Printing** check box.



**9** Select and click a roll paper in the **L Paper Source** list.

**10** After you click **E Fit Roll Paper Width**, the **Information** dialog box is displayed.

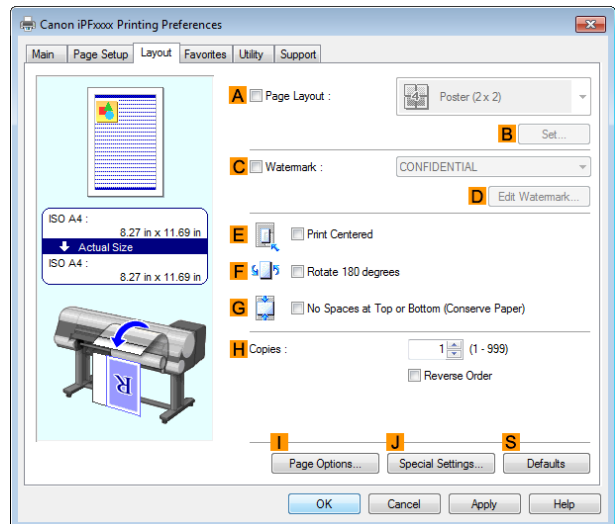
**11** Select the width of the loaded roll in the **Roll Paper Width** list. In this case, click **16-in. Roll (406.4mm)**, and then click **OK**.

**12** Confirm the print settings and print as desired.

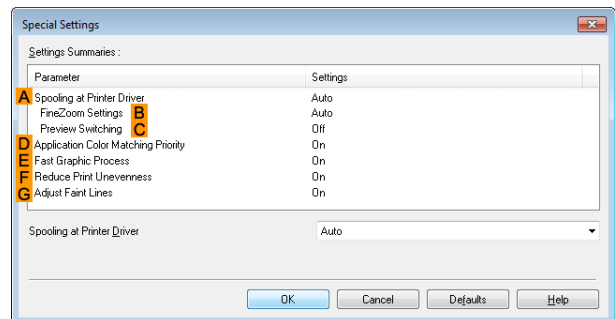
**Note** • For tips on confirming print settings, see "Confirming Print Settings ." → P.149

If printing is unsuccessful, you may be able to print after completing the following setting.

- 1 On the **Layout** sheet, click **J Special Settings** to display the **Special Settings** dialog box.



- 2 In the **FineZoom Settings** list, click **Yes**.



## Printing Vertical or Horizontal Banners (Large-Format Printing; Mac OS)

By automatic enlargement of a document created with an application software by the printer driver, you can print maximum 18.0 m vertical or horizontal banners.

This topic describes how to print a banner about five times as long as the roll width based on the following example.

- Document: An original designed for a horizontal banner
- Page Size: Non-standard (100×500 mm [3.9×19.7 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: 16 inches (406.4 mm)

The print procedure is as follows.

1. In the application, create an original in the format of a horizontal or vertical banner.
2. In **Page Setup**, register **Custom Paper Sizes**.  
Once you register **Custom Paper Sizes**, you then can select it repeatedly from the paper size list.  
**Custom Paper Sizes** can be set up to 18.0 m.
3. Print the banner, using the settings that correspond to banners.



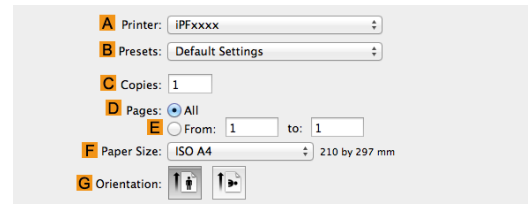
- The following instructions are for OS X v10.7. The method of setting up non-standard paper sizes varies depending on the version and settings of Mac OS X.

## Register a Custom Paper Sizes

This example describes how to register and print using a page size that is horizontally elongated and suitable for banners in either horizontal or vertical format.

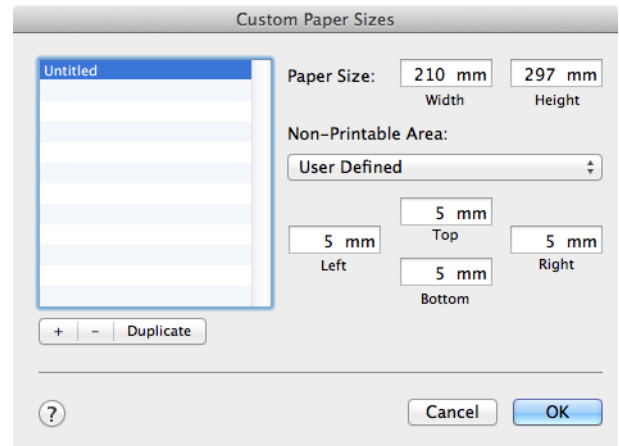
**1** Create the document in the application.

**2** Choose **Print** in the application menu.



**3** Select the printer in the **A Printer** list.

**4** Click **Manage Custom Sizes** in the **F Paper Size** list to display the **Custom Paper Sizes** dialog box.



**5** Double-click **Untitled** in the list at left, and then enter a name for the page size you want to register. Here, enter **100\*500**.

If the **Untitled** size is not listed at left, click **+** below the list.

**6** Under **Paper Size**, enter **100** in **Width** and **500** in **Height**. Here, measurements are entered in millimeters.

**7** Specify the margins by entering **3** in **Non-Printable Area**. Here, too, measurements are entered in millimeters.

**8** Click **OK** to close the **Custom Paper Sizes** dialog box.

**9** In the **F Paper Size** list, click the size of the original. In this case, click **100\*500**, the size you registered.

**10** In **G Orientation**, click the icon of the document in landscape orientation.

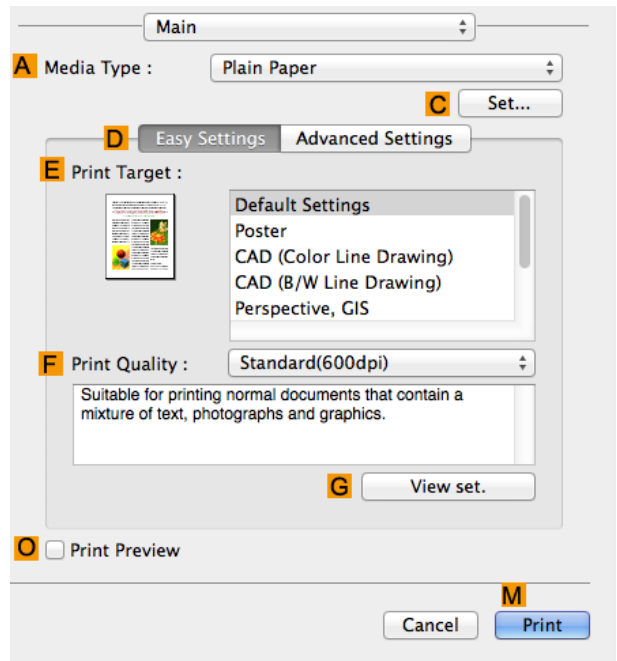
**11** If you configured the settings using the **Page Attributes** dialog box, click **OK** to close the dialog box.

## Print the banner

Follow the steps below to print the banner using the corresponding banner settings.

**1** Choose **Print** in the application menu.

**2** Access the **Main** pane.

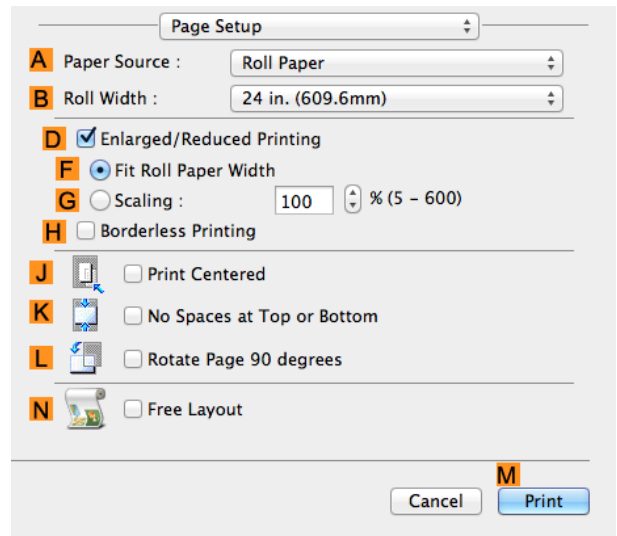


**3** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**4** Make your selection in the **E Print Target** list.

**5** Make your selection in the **F Print Quality** list.

**6** Access the **Page Setup** pane.



**7** Select and click a roll paper in the **A Paper Source** list.

**8** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **16 in. (406.4mm)** is selected.

**9** Select the **D Enlarged/Reduced Printing** check box.

**10** Click **F Fit Roll Paper Width**.

**11** Confirm the print settings, and click **Print** to start printing.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." [→P.258](#)

## Printing on Non-Standard Paper Sizes

For printing on non-standard size paper, first register the paper size in the printer driver. Once you register a paper size, you then can select it repeatedly from the paper size list. The paper size can be set up to 18.0 m.



Note

- In Windows, although you can even set **Custom Size** for the paper size, the maximum settable size is 3.2 m. The setting of **Custom Size** is disabled when you exit the application software.

For instructions on specifying non-standard paper sizes for printing, refer to the following topics, as appropriate for your operating system.

- [Printing on Non-Standard Paper Sizes \(Windows\)](#) [→P.96](#)
- [Printing on Non-Standard Paper Sizes \(Mac OS\)](#) [→P.99](#)

## Printing on Non-Standard Paper Sizes (Windows)

For printing on non-standard size paper, first register the paper size in the printer driver. Call a non-standard paper size registered in the printer driver with Custom Paper Size. Once you register Custom Paper Size, you then can select it repeatedly from the paper size list. Custom Paper Size can be set up to 18.0 m.



Note

- Although you also can set **Custom Size** for the paper size temporarily, the maximum settable size is 3.2 m. Also, the setting of **Custom Size** is disabled when you exit the application software.

## Registering and Printing With a Custom Paper Size

This topic describes how to register a non-standard paper size by the name of **430 mm Square** and print based on the following example.

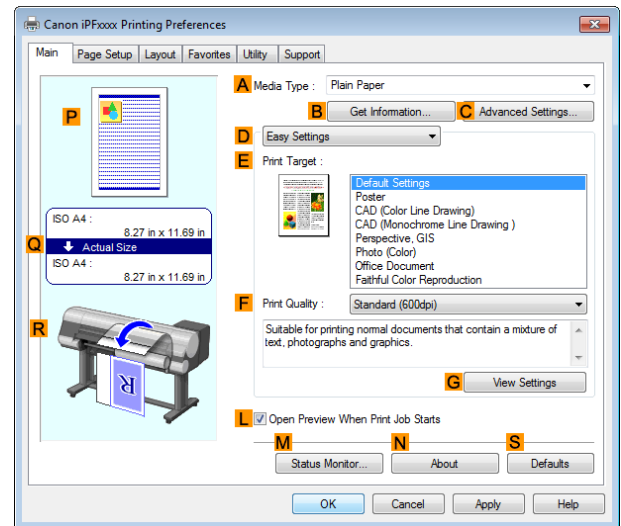
- Document: Any Type
- Page Size: A square sheet (430 × 430 mm [16.9 × 16.9 in])
- Paper: Sheets
- Media Type: Any type
- Paper Size: A square sheet (430 × 430 mm [16.9 × 16.9 in])

**1** Load the square paper (430 × 430 mm [16.9 × 16.9 in]) in the printer.

**2** Choose **Print** in the application menu.

**3** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications ." [→P.152](#))

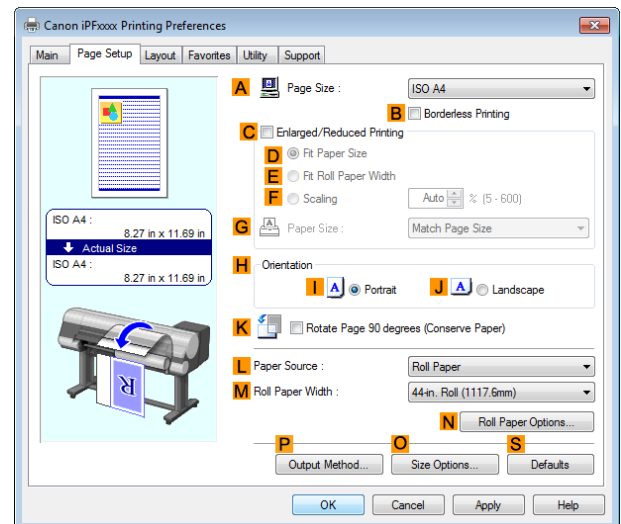
- 4** Make sure the **Main** sheet is displayed.



- 5** In the **A Media Type** list, select the type of paper that is loaded.

- 6** After confirming that **D Easy Settings** is selected, select from the **E Print Target** list.

- 7** Click the **Page Setup** tab to display the **Page Setup** sheet.



- 8** Click **O Size Options** to display the **Paper Size Options** dialog box.

- 9** Enter a desired paper name in **Custom Paper Size Name**. **430 mm Square** is used in this example.

- 10** Select **mm** in **Units**.

- 11** Enter **430** (16.9 in) in both **Width** and **Height**.



- If you select the **Fix the Ratio of the Width to Height** check box, after you enter a value in either **Width** or **Height**, the other value will be automatically applied based on the original aspect ratio.

- 12** Click **Add** to register **430 mm Square**.

- 13** Click **OK** to close the **Paper Size Options** dialog box.

- 14** Click **Cut Sheet** in the **L Paper Source** list.

- 15** In the **A Page Size** list, click the size you added, **430 mm Square**.

**16** Confirm the print settings and print as desired.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

Note

**Printing by using Custom Size**

This section describes how to print using **Custom Size** based on the following example.

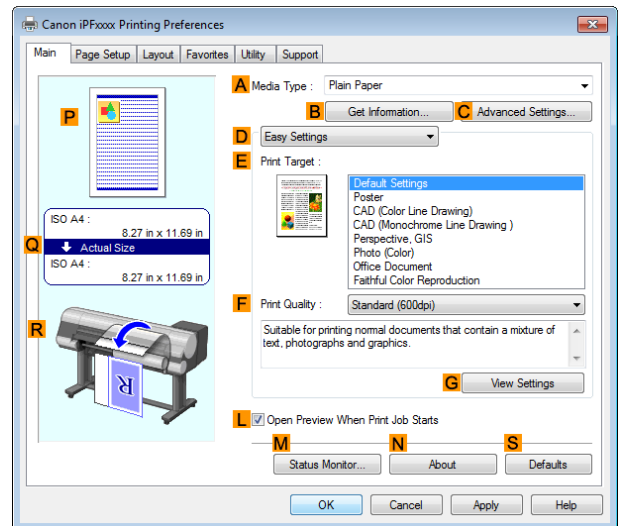
- Document: Any Type
- Page size: Square of non-standard dimensions (430×430 mm [16.9×16.9 in])
- Paper: Sheets
- Paper type: Any type
- Paper Size: A square sheet (430 × 430 mm [16.9 × 16.9 in])

**1** Load the square paper (430 × 430 mm [16.9 × 16.9 in]) in the printer.

**2** Choose **Print** in the application menu.

**3** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**4** Make sure the **Main** sheet is displayed.

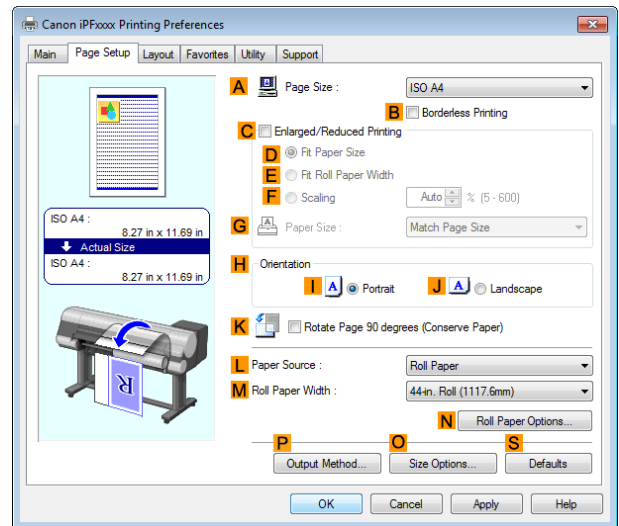


**5** In the **A Media Type** list, select the type of paper that is loaded.

**6** After confirming that **D Easy Settings** is selected, select from the **E Print Target** list.



- Click the **Page Setup** tab to display the **Page Setup** sheet.



- Click **Cut Sheet** in the **L Paper Source** list.
- Click **Custom Size** in the **A Page Size** list to display the **Custom Size Settings** dialog box.
- Confirm that **mm** is selected in **Units**.
- Enter **430** (16.9 in) in both **Width** and **Height**.
- Click **OK** to close the **Custom Size Settings** dialog box.
- Confirm the print settings and print as desired.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Printing on Non-Standard Paper Sizes (Mac OS)

For printing on non-standard size paper, first register the paper size in the printer driver.

Call a non-standard paper size registered in the printer driver with **Custom Paper Sizes** .

Once you register **Custom Paper Sizes**, you then can select it repeatedly from the paper size list.

**Custom Paper Sizes** can be set up to 18.0 m.

This topic describes how to register a non-standard paper size by the name of **430\*430** and print based on the following example.

- Document: Any Type
- Page Size: A square sheet (430 × 430 mm [16.9 × 16.9 in])
- Paper: Sheets
- Media Type: Any type
- Paper Size: A square sheet (430 × 430 mm [16.9 × 16.9 in])

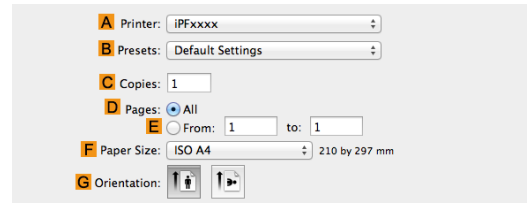


Note

- The following instructions are for OS X v10.7. The method of setting up non-standard paper sizes varies depending on the version and settings of Mac OS X.

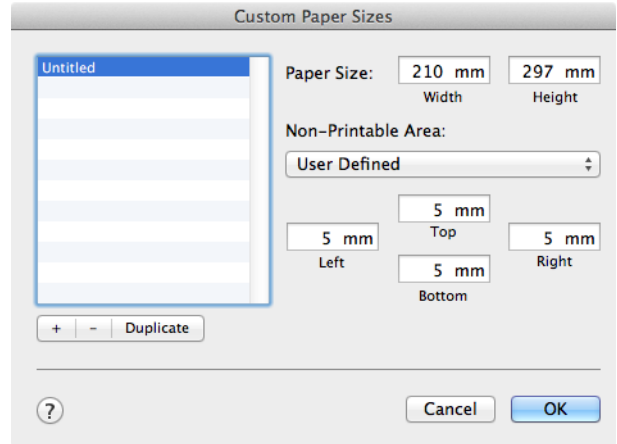
- Create the document in the application.
- Load the square paper (430 × 430 mm [16.9 × 16.9 in]) in the printer.

**3** Choose **Print** in the application menu.



**4** Select the printer in the **A Printer** list.

**5** Click **Manage Custom Sizes** in the **F Paper Size** list to display the **Custom Paper Sizes** dialog box.



**6** In **Paper Size**, enter the height and width of the original. Here, enter **430 mm** in **Height** and **Width**.

**7** In **Non-Printable Area**, enter **5** for the top and side margins and **23** for the bottom margin. Here, measurements are entered in millimeters.

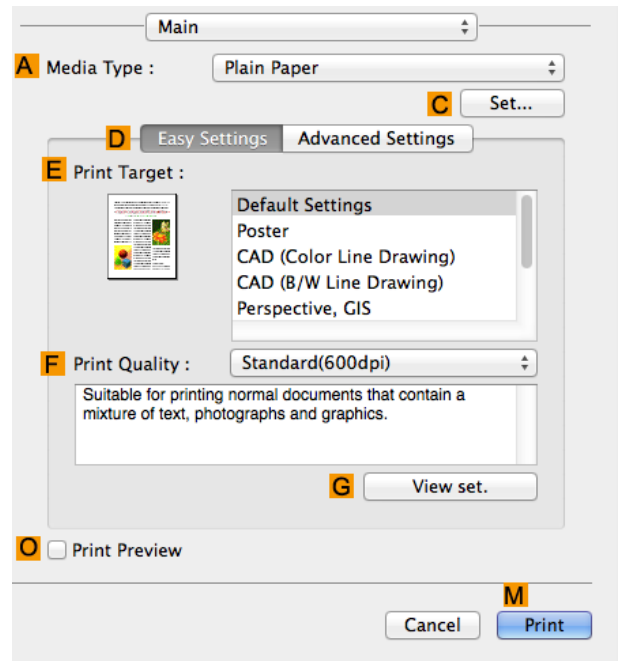
**8** Double-click **Untitled** in the list at left in the **Custom Paper Sizes** dialog box and enter the paper name—in this case, **430\*430**.

**9** Click **OK** to close the **Custom Paper Sizes** dialog box.

**10** In the **F Paper Size** list, click the size of the original. In this case, click **430\*430**, the size you registered.

**11** If you configured the settings using the **Page Attributes** dialog box, click **OK** to close the dialog box, and then select **Print** from the application software menu.

**12** Access the **Main** pane.

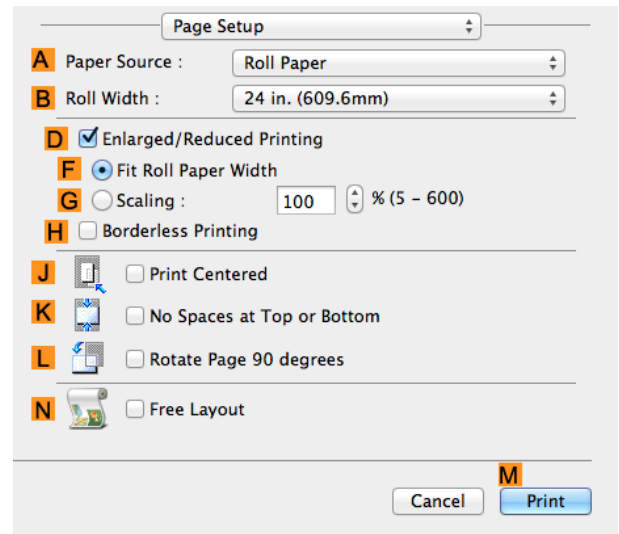


**13** In the **A Media Type** list, select the type of paper that is loaded.

**14** After confirming that **D Easy Settings** is selected, select from the **E Print Target** list.


**15** Make your selection in the **F Print Quality** list.

**16** Access the **Page Setup** pane.



**17** Click **Cut Sheet** in the **A Paper Source** list.

**18** Confirm the print settings, and then click **M Print** to start printing.

 **Note** • For tips on confirming print settings, see "Confirming Print Settings ." →P.258

## Tiling and multiple pages per sheet

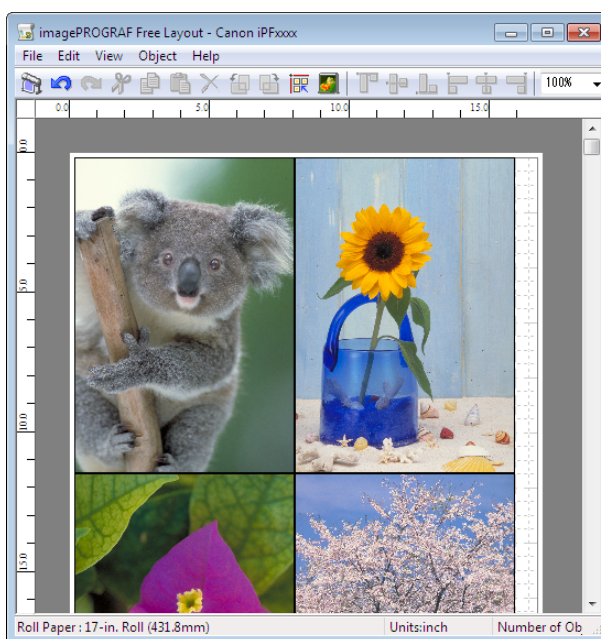
Printing Multiple Originals Next to Each Other .....	102
Printing Multiple Originals Next to Each Other (Windows) .....	103
Printing Multiple Originals Next to Each Other (Mac OS) .....	105
Printing Multiple Pages Continuously .....	106
Printing Multiple Pages Continuously (Windows) .....	106
Printing Multiple Pages Continuously (Mac OS) .....	108
Printing Multiple Pages Per Sheet .....	109
Printing Multiple Pages Per Sheet (Windows) .....	110
Printing Multiple Pages Per Sheet (Mac OS) .....	112
Printing Posters in Sections .....	114
Printing Large Posters (Windows) .....	114

### Printing Multiple Originals Next to Each Other

By arranging originals from word-processing or spreadsheet programs or web browser screen shots next to each other on single sheets, you can create highly expressive presentation materials, easy-to-understand meeting materials, and a variety of other printed documents.

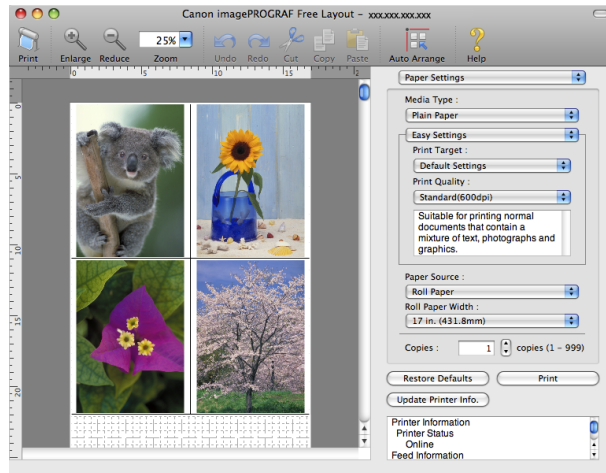
- **Free Layout (Windows)**

Besides combining multiple pages in a single-page layout, you can combine originals from multiple files—even multiple source applications—in a single-page layout.



• **Free Layout (Mac OS)**

Besides combining multiple pages in a single-page layout, you can combine originals from multiple files—even multiple source applications—in a single-page layout.



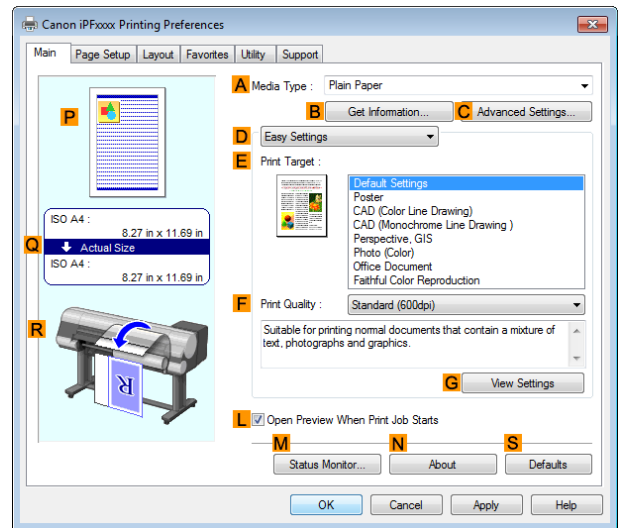
For instructions on arranging originals from multiple applications, refer to the following topics.

- **Printing Multiple Originals Next to Each Other (Windows)** → P.103
- **Printing Multiple Originals Next to Each Other (Mac OS)** → P.105

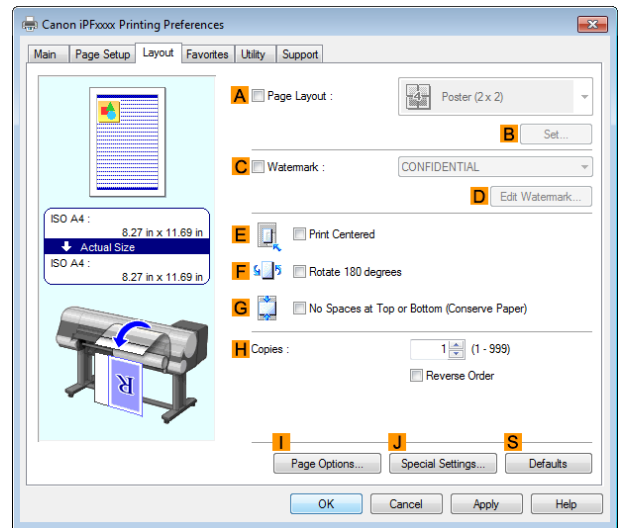
**Printing Multiple Originals Next to Each Other (Windows)**

This topic describes how to arrange multiple originals using the **Free Layout** function.

- 1** Choose **Print** in the application menu.
- 2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "**Accessing the Printer Driver Dialog Box from Applications .**") → P.152
- 3** Make sure the **Main** sheet is displayed.



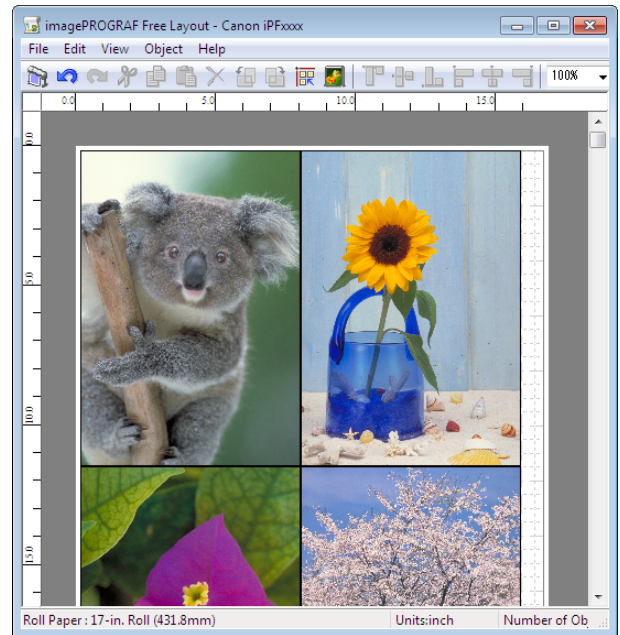
**4** Click the **Layout** tab to display the **Layout** sheet.



**5** Select the **Page Layout** check box.

**6** Click **Free Layout** in the **Page Layout** list.

**7** When you attempt to print, the **imagePROGRAF Free Layout** window is displayed. (At this point, the document will not be printed yet.)



**8** Edit and rearrange the image in the **imagePROGRAF Free Layout** window as desired.



- Without closing the **imagePROGRAF Free Layout** window, repeat steps 1–7 to arrange originals from multiple applications on the same page.
- For instructions on editing and rearranging images, refer to the **imagePROGRAF Free Layout** help topic.

**9** Print from the **imagePROGRAF Free Layout** menu.



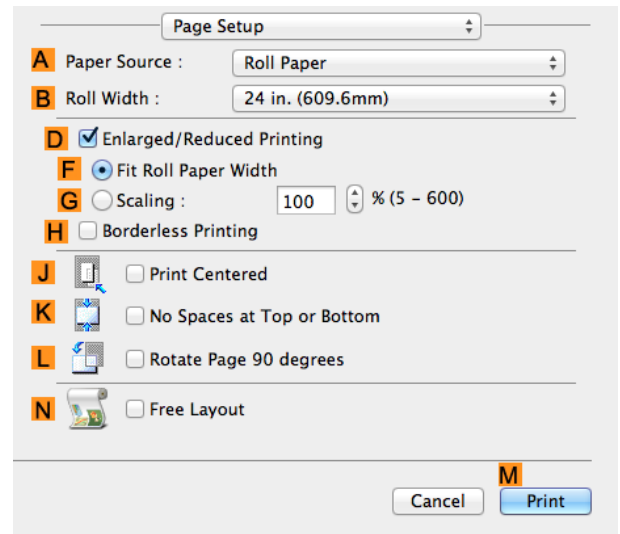
- For details on **imagePROGRAF Free Layout** functions, see "Free Layout." →P.186

## Printing Multiple Originals Next to Each Other (Mac OS)

This topic describes how to use the **Free Layout** function to arrange multiple originals next to each other before printing.

**1** Choose **Print** in the application menu.

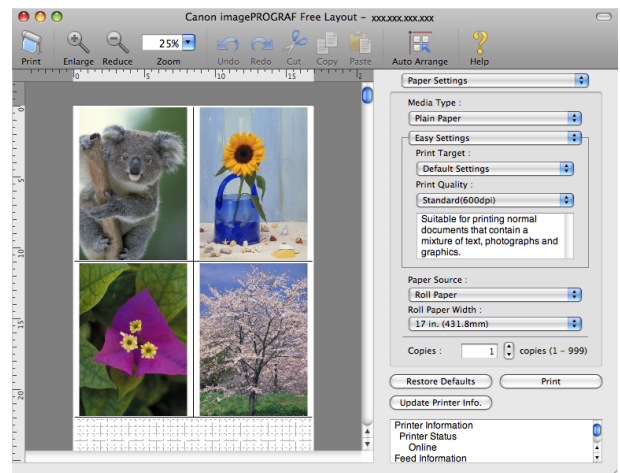
**2** Access the **Page Setup** pane.



**3** Select the **N Free Layout** check box.

**4** Click **M Print**.

**5** The **Canon imagePROGRAF Free Layout** window is displayed.



**6** Edit and rearrange the image in the **Canon imagePROGRAF Free Layout** window as desired.



Note

- Without closing the **Canon imagePROGRAF Free Layout** window, repeat steps 1 to 4 to arrange originals from multiple applications on the same page.
- For instructions on editing and rearranging images, refer to the **Canon imagePROGRAF Free Layout** help topic.

**7** Print from the **Canon imagePROGRAF Free Layout** menu.



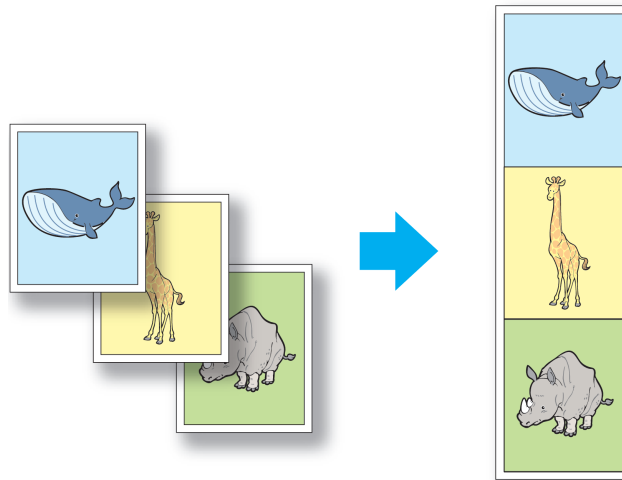
Note

- For details on **Canon imagePROGRAF Free Layout** functions, see "Free Layout." → P.295

## Printing Multiple Pages Continuously

You can print multiple pages as a single continuous image, without margins between pages.

### • Banner Printing



- This feature is only available with rolls. It cannot be used when printing on sheets.
- Important** • When using Banner Printing, some of the settings are disabled, including Borderless Printing, Enlarge/Reduce Printing, and Layout.

For instructions on printing multiple pages continuously, refer to the following topics, as appropriate for your operating system.

- **Printing Multiple Pages Continuously (Windows)** →P.106
- **Printing Multiple Pages Continuously (Mac OS)** →P.108

## Printing Multiple Pages Continuously (Windows)

This topic describes how to print multiple pages as a single continuous image, without margins between pages.



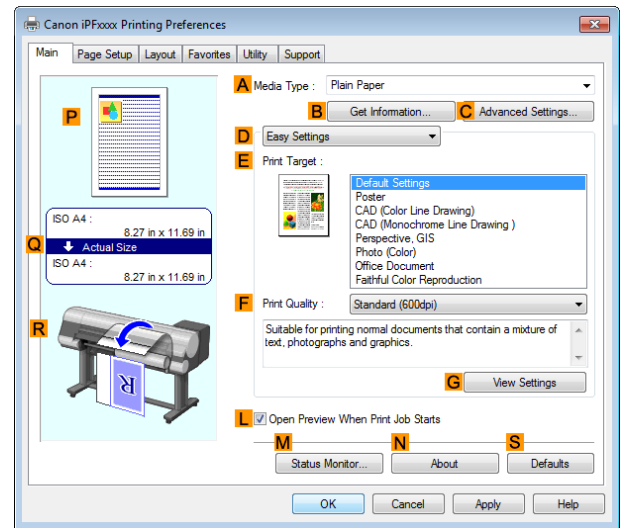
- This feature is only available with rolls. It cannot be used when printing on sheets.
- Important** • When using Banner Printing, some of the settings are disabled, including Borderless Printing, Enlarge/Reduce Printing, and Layout.

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "**Accessing the Printer Driver Dialog Box from Applications .**") →P.152

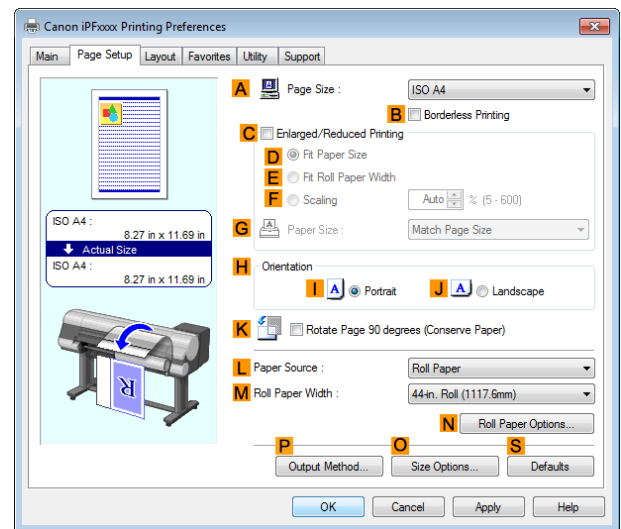


**3** Make sure the **Main** sheet is displayed.



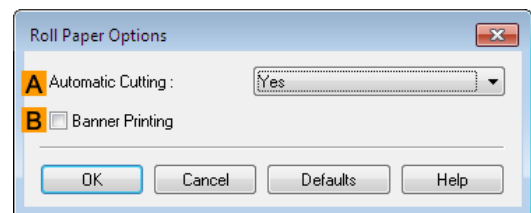
**4** In the **A Media Type** list, click the type of paper that is loaded.

**5** Click the **Page Setup** tab to display the **Page Setup** sheet.



**6** Select and click a roll paper in the **L Paper Source** list.

**7** Click **N Roll Paper Options** to display the **Roll Paper Options** dialog box.



**8** Select the **B Banner Printing** check box.

**9** Click **OK**.

**10** Confirm the print settings and print as desired.



Note

• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

# Printing Multiple Pages Continuously (Mac OS)

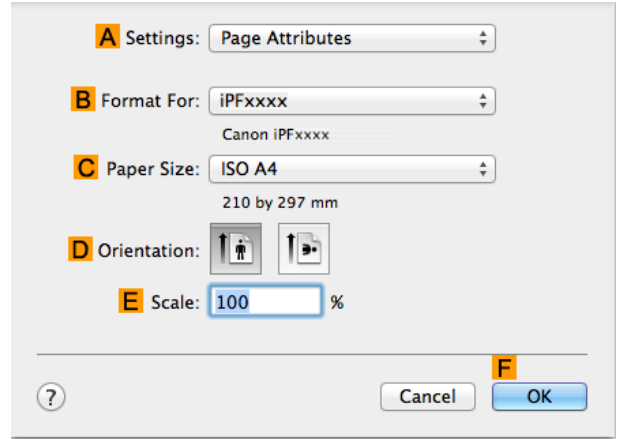
This topic describes how to print multiple pages as a single continuous image, without margins between pages.



**Important**

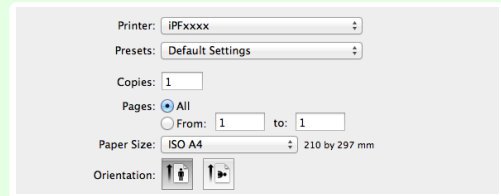
- This feature is only available with rolls. It cannot be used when printing on sheets.
- When using Banner Printing, some of the settings are disabled, including Borderless Printing, Enlarge/Reduce Printing, and Layout.

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



**Note**

- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



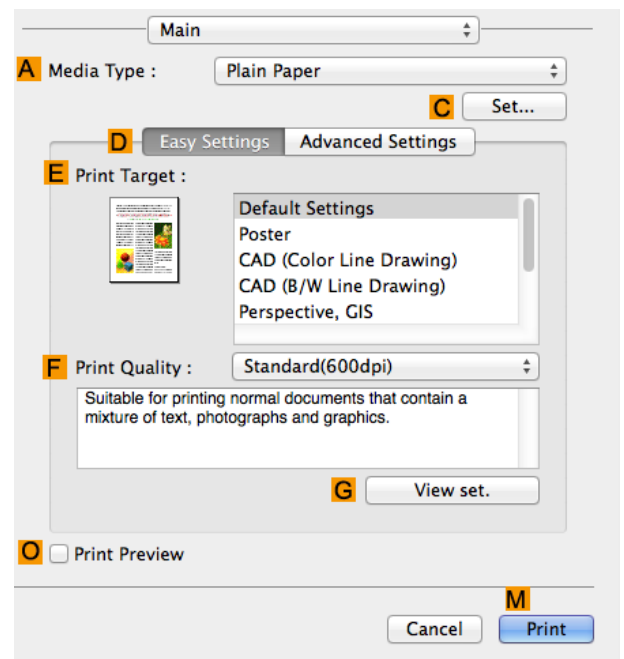
**2** Select the printer in the **B Format for** list.

**3** Choose the original size in the **C Paper Size** list.

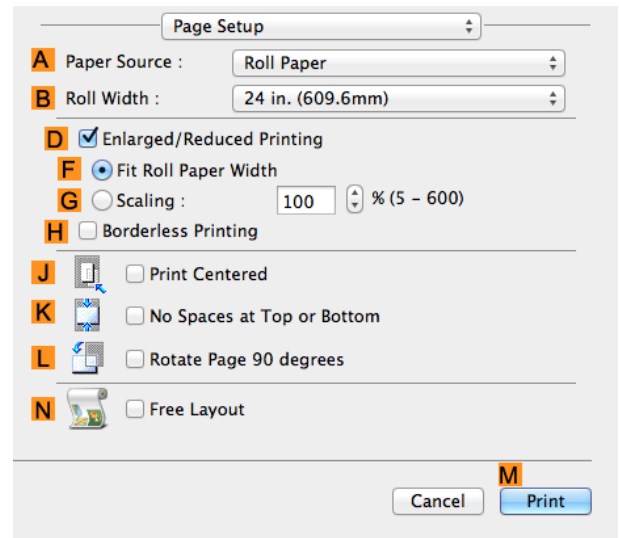
**4** Click **F OK** to close the dialog box.

**5** Choose **Print** in the application menu.


**6** Access the **Main** pane.



- 7** In the **A Media Type** list, click the type of paper that is loaded.
- 8** Make your selection in the **E Print Target** list.
- 9** Make your selection in the **F Print Quality** list.
- 10** Access the **Page Setup** pane.

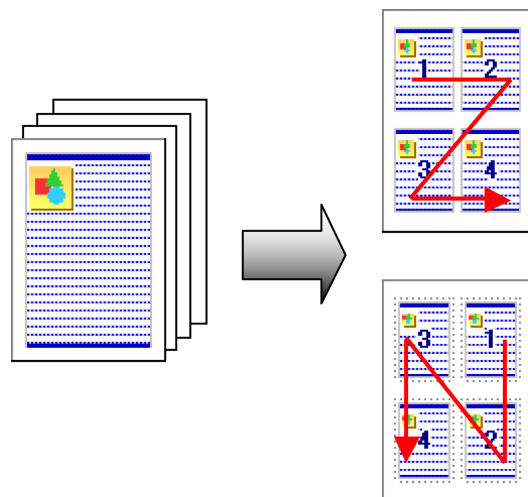


- 11** Click **Roll Paper (Banner)** in the **A Paper Source** list.
- 12** Confirm the print settings, and then click **M Print** to start printing.

 • For tips on confirming print settings, see "Confirming Print Settings ." →P.258

## Printing Multiple Pages Per Sheet

To conserve paper, you can print several pages of the original on a single sheet by reducing the original and dividing the sheet into areas for each page.



- **Page Layout**  
Specify a number of pages of the original to print on a single sheet, in a layout of multiple pages per sheet.



Important

- This function cannot be combined with the following options.
  - Borderless Printing
  - Scaling Originals (Windows)
  - Banner Printing (Windows)
- When printing using this function, the **Print Centered** setting is disabled.



Note

- You can print up to 16 pages of the original on a single sheet.
- You can also change the page layout order and print page boundary lines, as desired.

For instructions on printing multiple pages per sheet, refer to the following topics, as appropriate for your operating system.

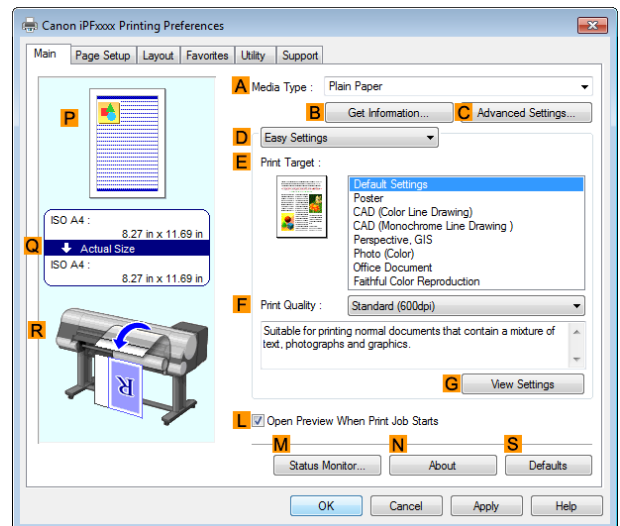
- **Printing Multiple Pages Per Sheet (Windows)** →P.110
- **Printing Multiple Pages Per Sheet (Mac OS)** →P.112

## Printing Multiple Pages Per Sheet (Windows)

This topic describes how to print four pages of originals together on a single sheet based on the following example.

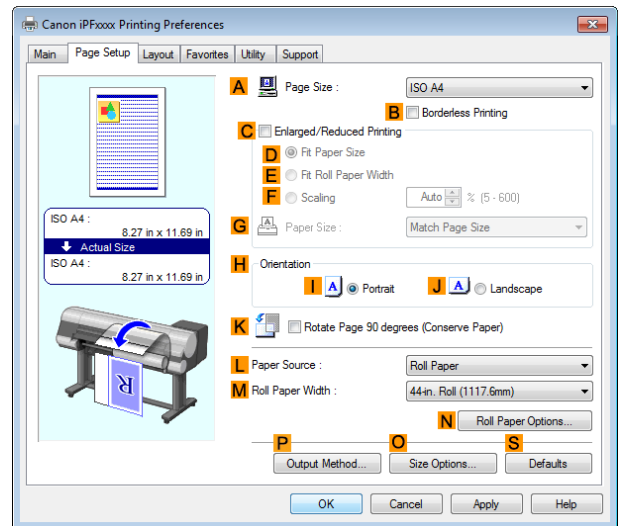
- Document: Any Type
- Page size: A3 (297.0×420.0 mm [11.7×16.5 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

- 1 Choose **Print** in the application menu.
- 2 Select the printer in the dialog box, and then open the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152
- 3 Make sure the **Main** sheet is displayed.



- 4 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 5 Make your selection in the **E Print Target** list.
- 6 Make your selection in the **F Print Quality** list.

- 7** Click the **Page Setup** tab to display the **Page Setup** sheet.

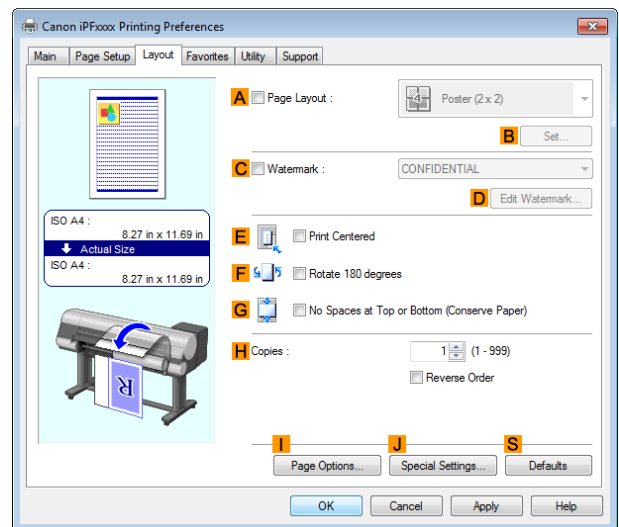


- 8** In **A Page Size**, click the size of the original as specified in the application software. In this case, click **ISO A3**.

- 9** Select and click a roll paper in the **L Paper Source** list.

- 10** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A2/A3 Roll (420.0mm)**.

- 11** Click the **Layout** tab to display the **Layout** sheet.



- 12** Select the **A Page Layout** check box.

- 13** Click **4 Pages/Sheet** in the **A Page Layout** list.



Note

- You can select the layout order for placing four pages on a sheet and a frame border in the **Page Layout Printing** dialog box by clicking **B Set**. If you select a pattern to print borders, the size of the images are reduced about 5% to create space for the printed border. If **None** is selected, then the images are not reduced for printing.

- 14** Confirm the print settings and print as desired.



Note

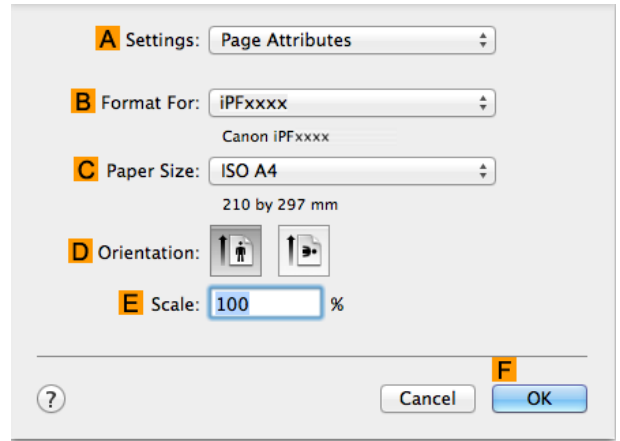
- For tips on confirming print settings, see "Confirming Print Settings ." → P.149

## Printing Multiple Pages Per Sheet (Mac OS)

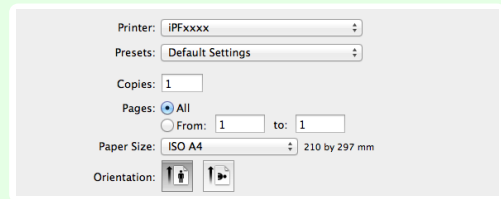
This topic describes how to print four pages of an original on a single sheet, based on the following example.

- Document: Any Type
- Page size: A3 (297.0 × 420.0 mm [11.7 × 16.5 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



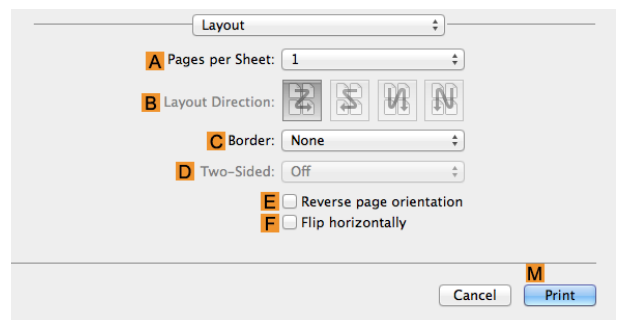
**2** Select the printer in the **B Format for** list.

**3** In the **C Paper Size** list, click the size of the original. In this case, click **ISO A3**.

**4** Click **F OK** to close the dialog box.

**5** Choose **Print** in the application menu.

**6** Access the **Layout** pane.

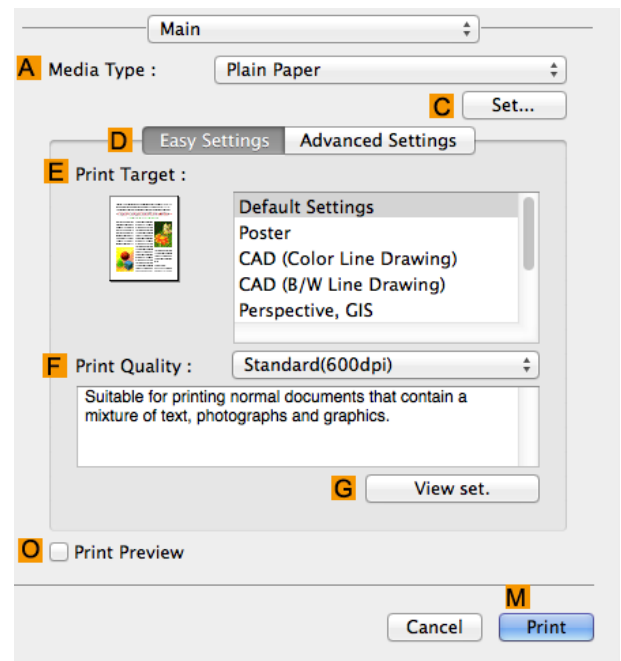


**7** Click **4** in the **A Pages per Sheet** list.



- You can choose the layout order and specify a boundary line for the four pages in **B Layout Direction** and **C Border**.

## 8 Access the **Main** pane.

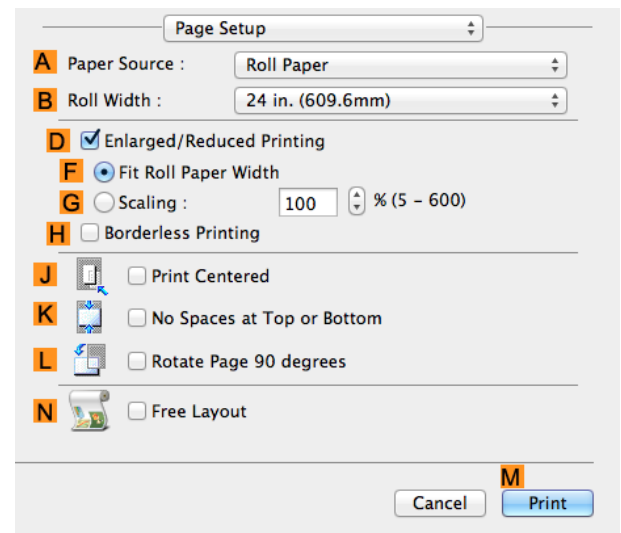


9 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

10 Make your selection in the **E Print Target** list.

11 Make your selection in the **F Print Quality** list.

12 Access the **Page Setup** pane.



13 Select and click a roll paper in the **A Paper Source** list.

14 Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A2/A3 (420.0mm)** is selected.

15 Confirm the print settings, and then click **M Print** to start printing.

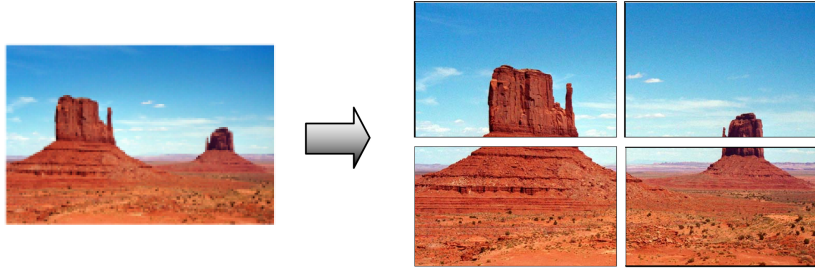


Note

- For tips on confirming print settings, see "Confirming Print Settings." →P.258

## Printing Posters in Sections

You can enlarge an original to print it in sections on several sheets. By assembling the printed sheets, you can create a poster larger than the maximum supported paper size of the printer.



### • Page Layout

Choose poster printing.



- When printing using this function, the **Print Centered**, **Watermark**, **No Spaces at Top or Bottom (Conserve Paper)**, and **Page Options** settings are disabled.

For instructions on printing large posters, refer to the following topics, as appropriate for your operating system.

- **Printing Large Posters (Windows)** →P.114



- This method of poster printing is supported in Windows.

Note

## Printing Large Posters (Windows)

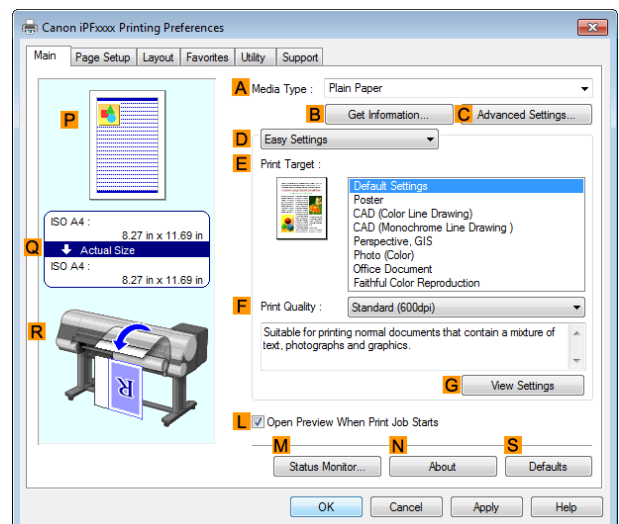
You can enlarge an original to print it in sections on several sheets. By assembling the printed sheets, you can create a poster larger than the maximum supported paper size of the printer. This topic describes how to enlarge an A2 original for printing it in sections on four sheets, based on the following example.

- Document: Poster
- Page size: A2 (420.0×594.0 mm [16.5 × 23.4 in])
- Paper: Sheets
- Paper Size: A2 (420.0 × 594.0 mm [16.5 × 23.4 in])

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "**Accessing the Printer Driver Dialog Box from Applications .**") →P.152

**3** Make sure the **Main** sheet is displayed.

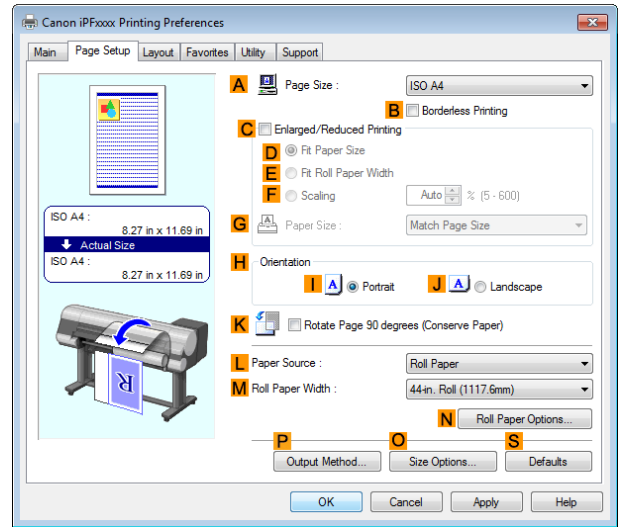




**4** In the **A Media Type** list, select the type of paper that is loaded.

**5** Click **Poster** in the **E Print Target** list.

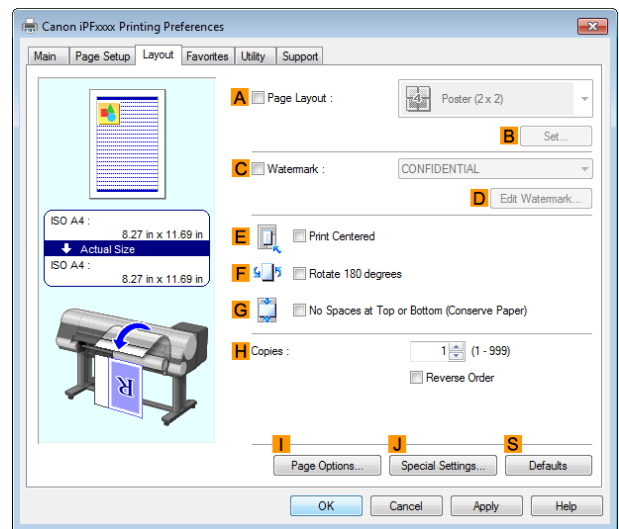
**6** Click the **Page Setup** tab to display the **Page Setup** sheet.



**7** In **A Page Size**, click the size of the original as specified in the application. In this case, click **ISO A2**.

**8** Click **Cut Sheet** in the **L Paper Source** list.

**9** Click the **Layout** tab to display the **Layout** sheet.



**10** Select the **A Page Layout** check box.

**11** Click **Poster (2 x 2)** in the **A Page Layout** list.



Note

- Follow the steps below to print only a portion of the poster as divided for printing.
- Click **B Set** under **A Page Layout** to display the **Pages to Print** dialog box.
- On the **Pages to Print** dialog box, clear the check boxes of the portion you do not want to print.
- Click **OK** to close the **Pages to Print** dialog box.

**12** Confirm the print settings and print as desired.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

# Centering originals

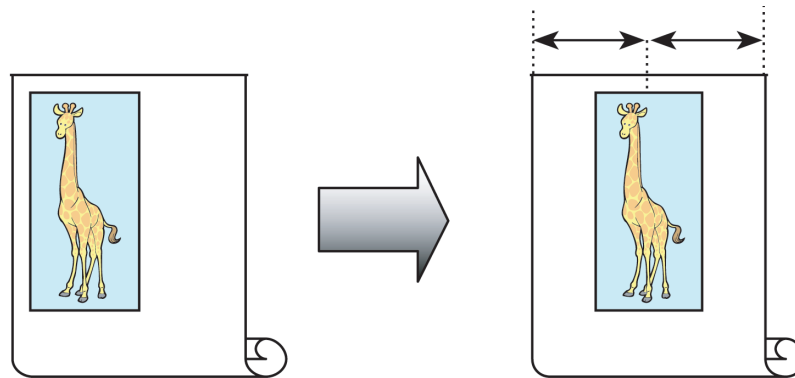
- Printing Originals Centered on Rolls ..... 116
  - Printing Originals Centered on Rolls (Windows) ..... 116
  - Printing Originals Centered on Rolls (Mac OS) ..... 118
- Printing Originals Centered on Sheets ..... 120
  - Printing Originals Centered on Sheets (Windows) ..... 120
  - Printing Originals Centered on Sheets (Mac OS) ..... 122

## Printing Originals Centered on Rolls

You can print originals centered on a page—for example, if the paper is larger than the original, or if you are reducing the original.

### • Print Centered

If you use originals smaller than the roll paper width, you can center them relative to the width when printing.



For instructions on centering originals when printing on roll paper, refer to the following topics, as appropriate for your operating system.

- [Printing Originals Centered on Rolls \(Windows\)](#) →P.116
- [Printing Originals Centered on Rolls \(Mac OS\)](#) →P.118

## Printing Originals Centered on Rolls (Windows)

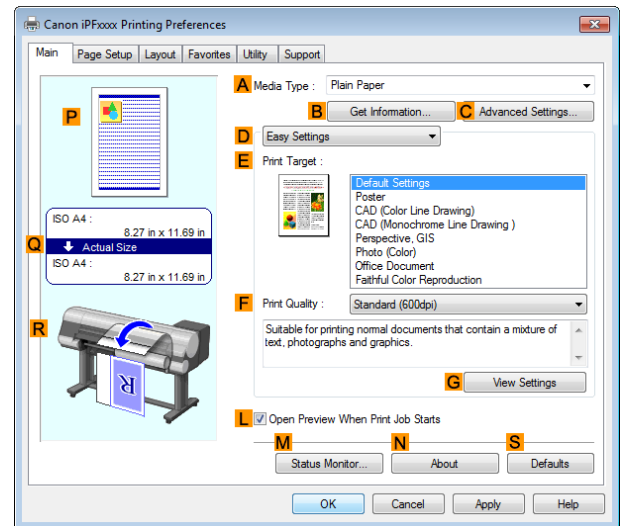
This topic describes how to center originals before printing on rolls based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll width: A3/A4 roll (297.0 mm [11.7 in])

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "[Accessing the Printer Driver Dialog Box from Applications](#) .") →P.152

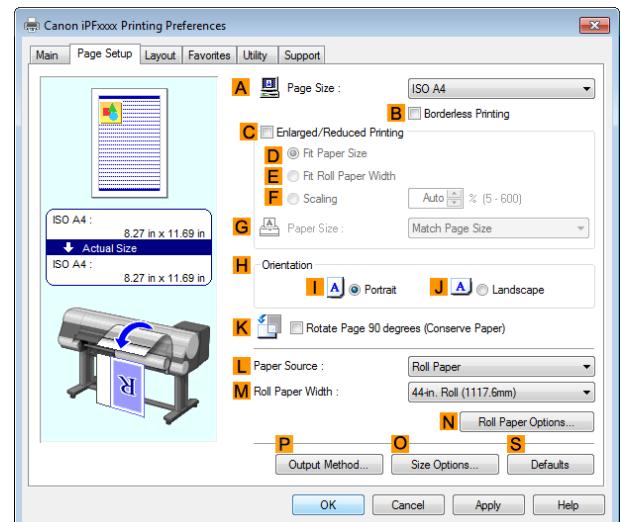
- 3** Make sure the **Main** sheet is displayed.



- 4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

- 5** Select the print target in the **E Print Target** list.

- 6** Click the **Page Setup** tab to display the **Page Setup** sheet.

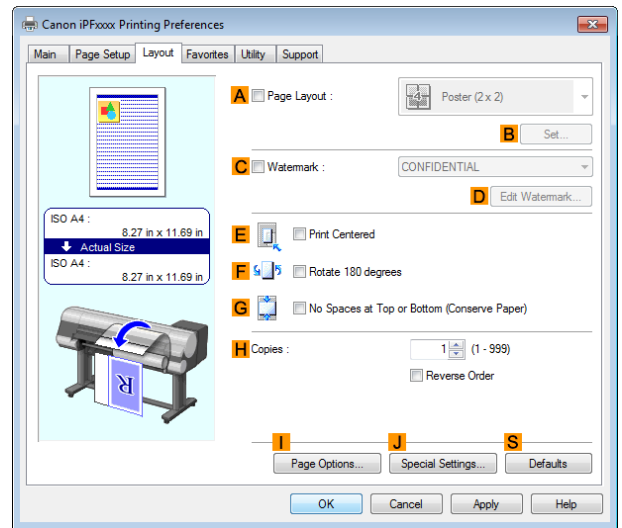


- 7** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.

- 8** Select and click a roll paper in the **L Paper Source** list.

- 9** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A3/A4 Roll (297.0mm)**.

**10** Click the **Layout** tab to display the **Layout** sheet.



**11** Select the **E Print Centered** check box.

**12** Confirm the print settings and print as desired.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

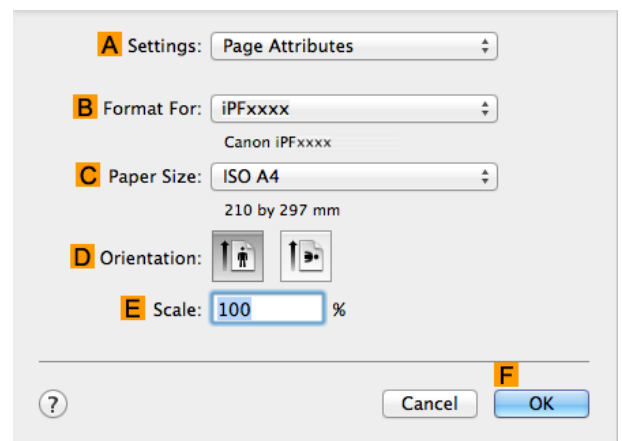
Note

## Printing Originals Centered on Rolls (Mac OS)

This topic describes how to center originals before printing on rolls based on the following example.

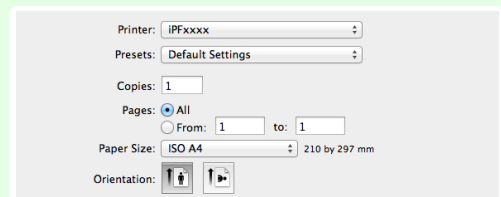
- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



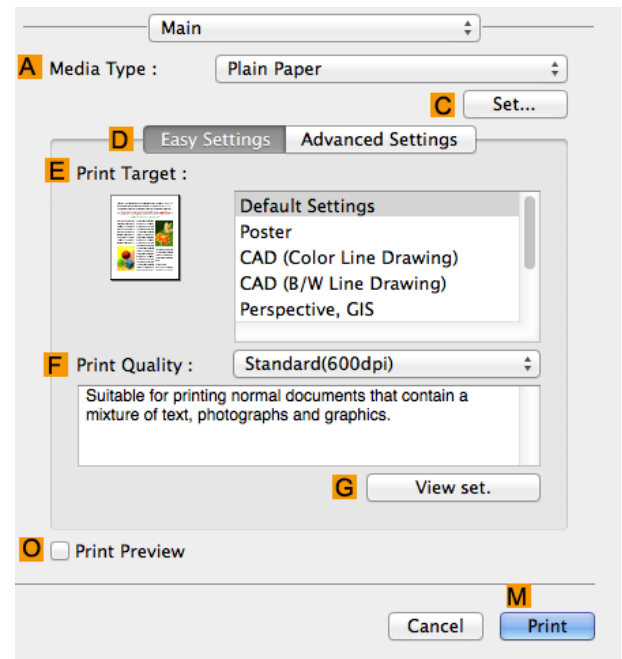
• **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software.

In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.

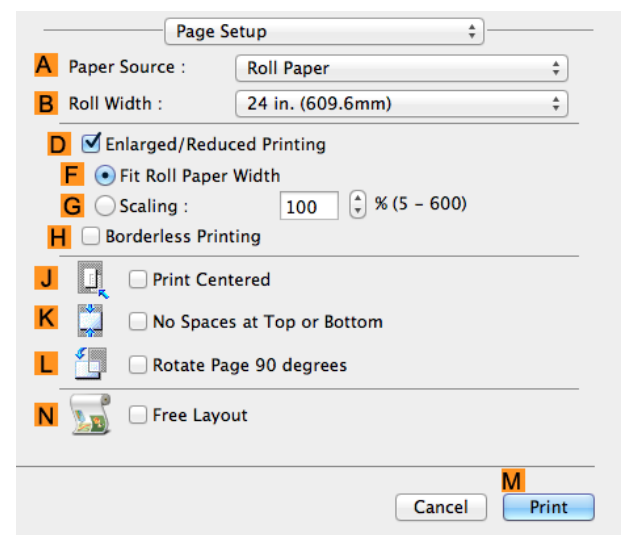


**2** Select the printer in the **B Format for** list.

- 3 In **C Paper Size**, click the size of the original. In this case, click **ISO A4**.
- 4 Click **F OK** to close the dialog box.
- 5 Choose **Print** in the application menu.
- 6 Access the **Main** pane.



- 7 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 8 Make your selection in the **E Print Target** list.
- 9 Make your selection in the **F Print Quality** list.
- 10 Access the **Page Setup** pane.



- 11 Select and click a roll paper in the **A Paper Source** list.
- 12 Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A3/A4 (297.0mm)** is selected.
- 13 Select the **J Print Centered** check box.

**14** Confirm the print settings, and then click **M Print** to start printing.



Note

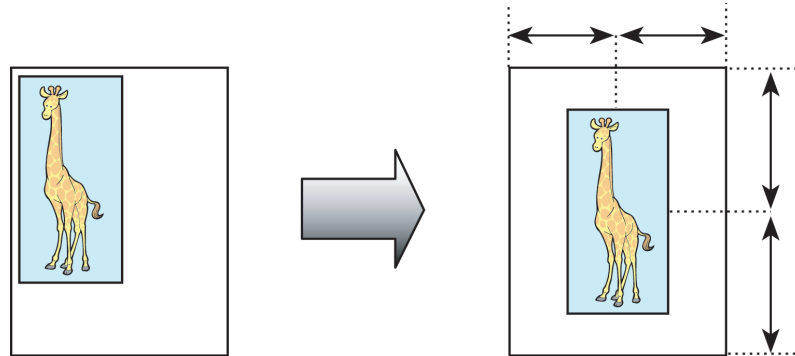
- For tips on confirming print settings, see "Confirming Print Settings ." [→P.258](#)

## Printing Originals Centered on Sheets

You can print originals centered on a page—for example, if the paper is larger than the original, or if you are reducing the original.

### • Print Centered

If you use paper larger than the original size or print originals after reduction, the printed images may be aligned in the upper-left corner of the paper. In this case, you can center originals on sheets when printing.



For instructions on centering originals when printing on cut sheets, refer to the following topics, as appropriate for your operating system.

- [Printing Originals Centered on Sheets \(Windows\) →P.120](#)
- [Printing Originals Centered on Sheets \(Mac OS\) →P.122](#)

## Printing Originals Centered on Sheets (Windows)

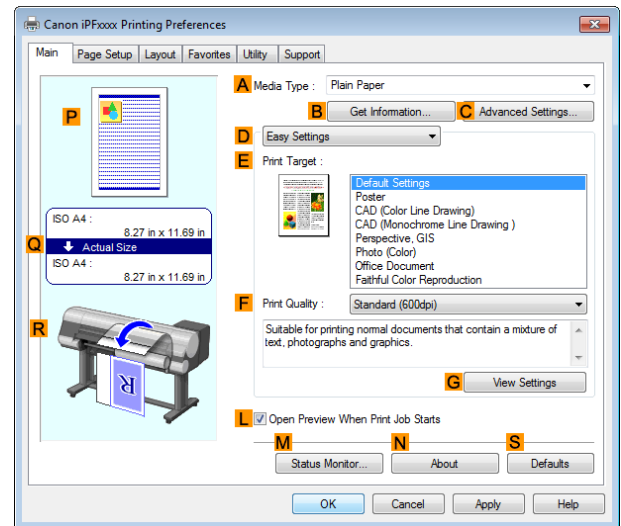
This topic describes how to reduce an original 50% for printing centered on a sheet.

- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Sheets
- Paper type: Plain Paper
- Paper size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications ." ) [→P.152](#)

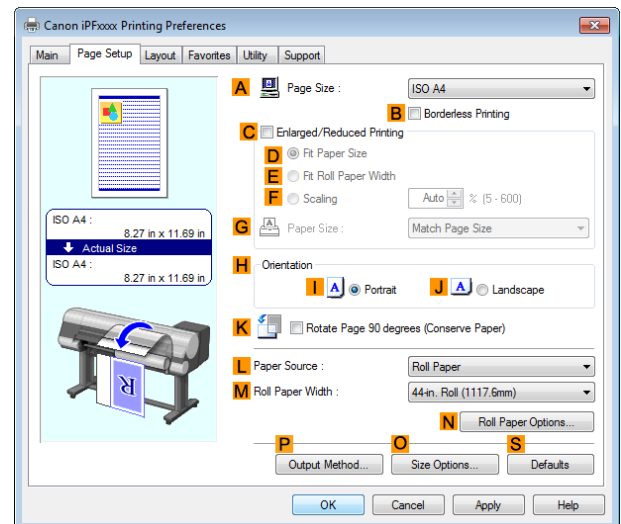
- 3** Make sure the **Main** sheet is displayed.



- 4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

- 5** Make your selection in the **E Print Target** list.

- 6** Click the **Page Setup** tab to display the **Page Setup** sheet.



- 7** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4**.

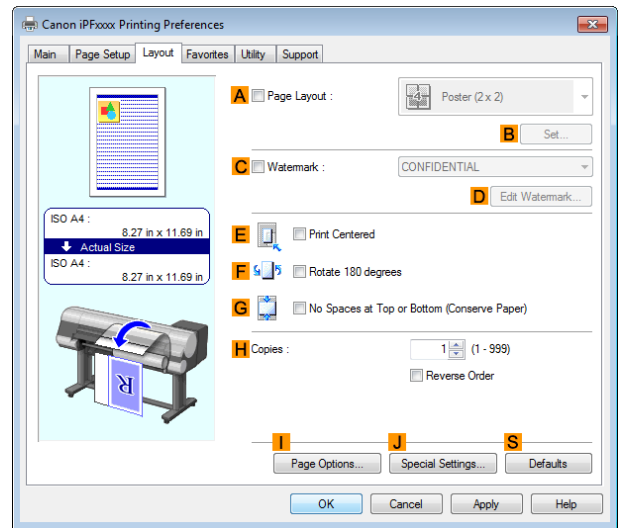
- 8** Select the **C Enlarged/Reduced Printing** check box.

- 9** Click **Match Page Size** in the **G Paper Size** list.

- 10** Click **F Scaling** and enter **50**.

- 11** Click **Cut Sheet** in the **L Paper Source** list.

**12** Click the **Layout** tab to display the **Layout** sheet.



**13** Select the **E Print Centered** check box.

**14** Confirm the print settings and print as desired.



• If you have selected **Cut Sheet** as the paper source, follow the instructions on the printer control panel to enter the paper size.



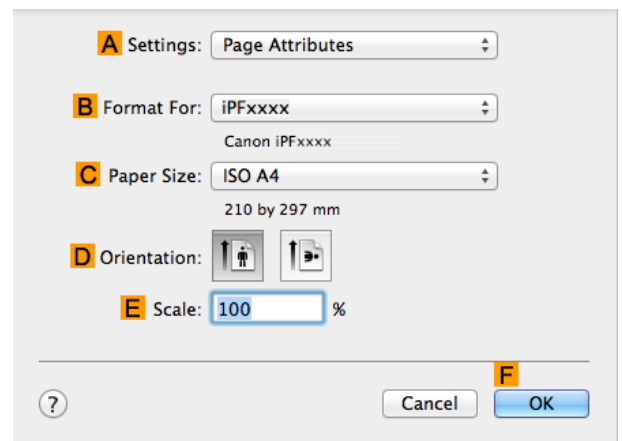
• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Printing Originals Centered on Sheets (Mac OS)

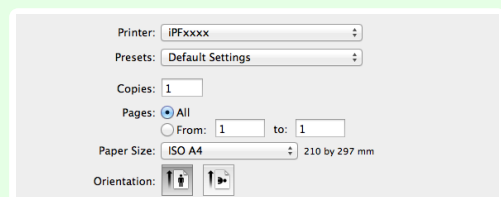
This topic describes how to center originals for printing on sheets, based on the following example.

- Document: Any Type
- Page size: A4
- Paper: Sheets
- Paper type: Plain Paper
- Paper size: Non-standard

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

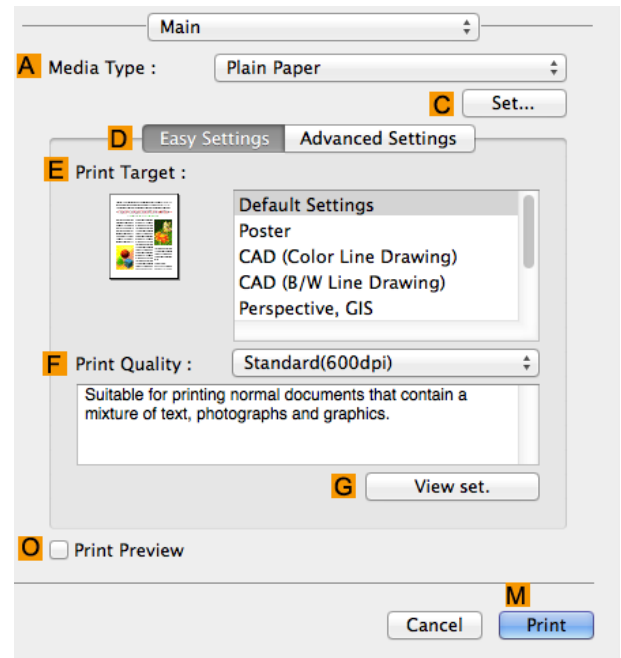


• **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.

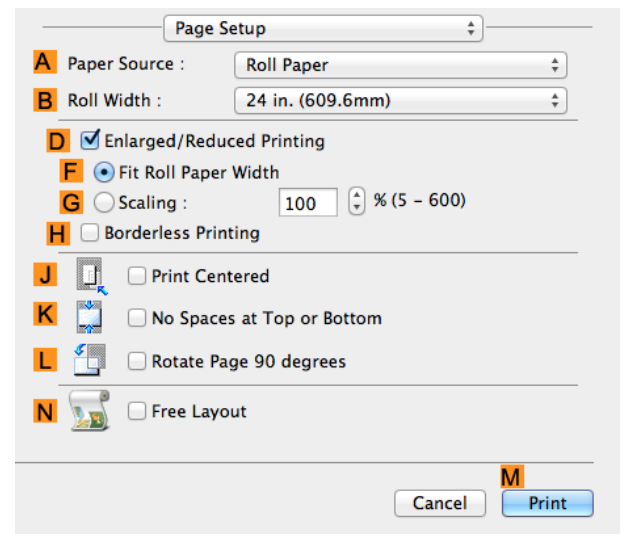




- 2 Select the printer in the **B Format for** list.
- 3 In the **C Paper Size** list, click the size of the original. In this case, click **ISO A4 - Cut Sheet**.
- 4 Click **F OK** to close the dialog box.
- 5 Choose **Print** in the application menu.
- 6 Access the **Main** pane.



- 7 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 8 Make your selection in the **E Print Target** list.
- 9 Make your selection in the **F Print Quality** list.
- 10 Access the **Page Setup** pane.



- 11 Click **Cut Sheet** in the **A Paper Source** list.
- 12 Select the **J Print Centered** check box.

**13** Confirm the print settings, and then click **M Print** to start printing.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." [→P.258](#)



Important

- If you have selected **Cut Sheet** as the paper source, follow the instructions on the printer control panel to enter the paper size.

# Conserving roll paper

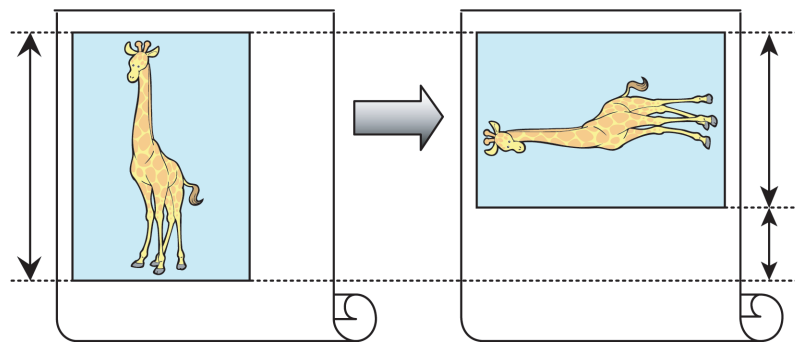
- Conserving Roll Paper by Rotating Originals 90 Degrees ..... 125
  - Conserving Roll Paper by Rotating Originals 90 Degrees (Windows) ..... 125
  - Conserving Roll Paper by Rotating Originals 90 Degrees (Mac OS) ..... 126
- Conserving Roll Paper by Printing Originals Without Top and Bottom Margins ..... 128
  - Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Windows) ..... 129
  - Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Mac OS) ..... 130

## Conserving Roll Paper by Rotating Originals 90 Degrees

You can conserve roll paper by specifying particular settings as suitable for your original.

### • Rotate Page 90 degrees (Conserve Paper)

When originals are printed in portrait orientation, the original is rotated 90 degrees before printing if it fits within the roll width. This enables you to conserve paper.



**Important** • If the page would exceed the roll paper width after rotation, use this function with Scale to fit Roll Paper Width to print rotated pages.

For tips on conserving roll paper, refer to the following topics, as appropriate for your operating system.

- [Conserving Roll Paper by Rotating Originals 90 Degrees \(Windows\)](#) →P.125
- [Conserving Roll Paper by Rotating Originals 90 Degrees \(Mac OS\)](#) →P.126

## Conserving Roll Paper by Rotating Originals 90 Degrees (Windows)

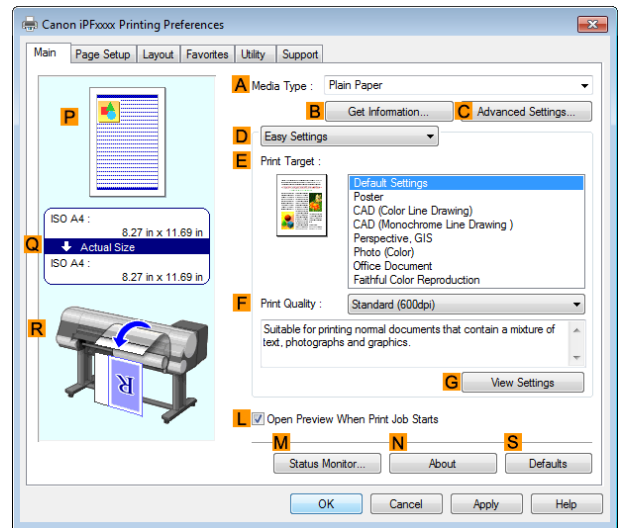
This topic describes how to conserve paper by rotating originals 90 degrees before printing, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3×11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

This example illustrates how to rotate an A4 (210.0×297.0 mm)/Letter (8.3×11.7 in) original in portrait orientation 90 degrees to fit within the width of A3/A4 roll paper (297.0 mm [11.7 in]), which enables you to conserve paper.

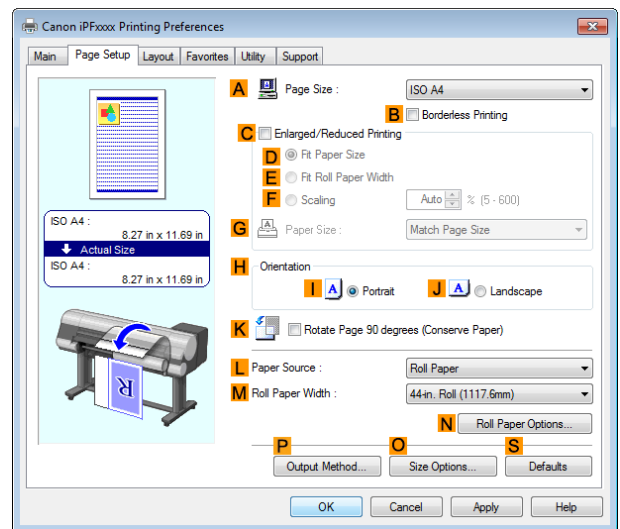
- 1** Choose **Print** in the application menu.
- 2** Select the printer in the dialog box, and then open the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**3** Make sure the **Main** sheet is displayed.



**4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click **Plain Paper**.

**5** Click the **Page Setup** tab to display the **Page Setup** sheet.



**6** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.

**7** Select and click a roll paper in the **L Paper Source** list.

**8** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A3/A4 Roll (297.0mm)**.

**9** Select the **K Rotate Page 90 degrees (Conserve Paper)** check box.

**10** Confirm the print settings and print as desired.



• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

Note

## Conserving Roll Paper by Rotating Originals 90 Degrees (Mac OS)

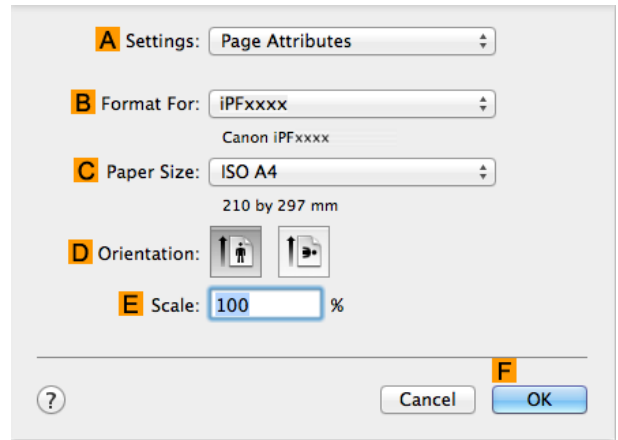
This topic describes how to conserve roll paper by rotating originals 90 degrees before printing, based on the following example.

- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])

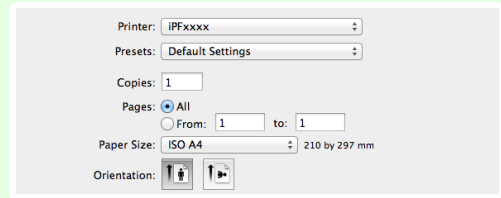
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

This example illustrates how to rotate an A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in) original in portrait orientation 90 degrees to fit within the width of A3/A4 roll (297.0 mm [11.7 in]), which enables you to conserve paper.

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



• **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



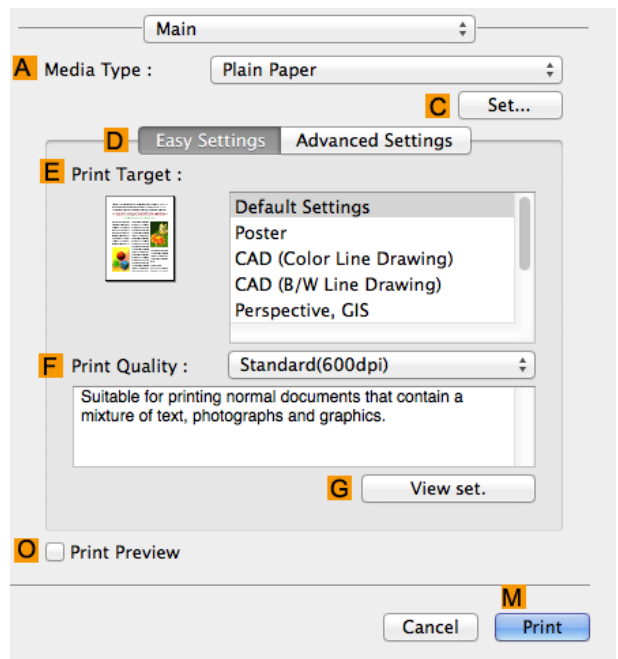
**2** Select the printer in the **B Format for** list.

**3** In **C Paper Size**, click the size of the original. In this case, click **ISO A4**.

**4** Click **F OK** to close the dialog box.

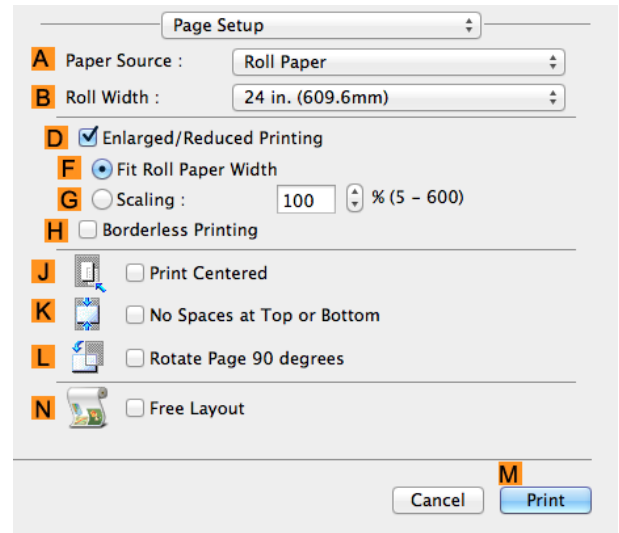
**5** Choose **Print** in the application menu.

**6** Access the **Main** pane.



**7** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**8** Access the **Page Setup** pane.




**9** Select and click a roll paper in the **A Paper Source** list.

**10** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A3/A4 (297.0mm)** is selected.

**11** Select the **L Rotate Page 90 degrees** check box.

**12** Confirm the print settings, and then click **M Print** to start printing.

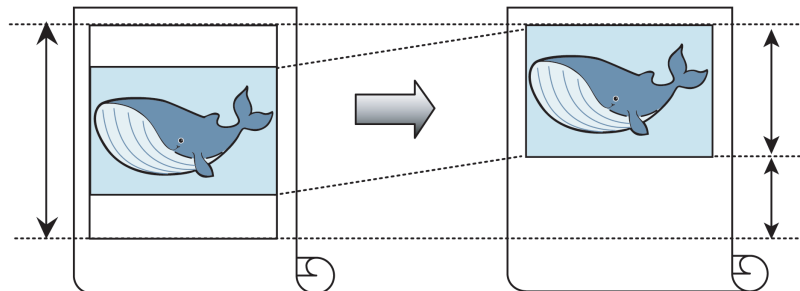
 **Note** • For tips on confirming print settings, see "Confirming Print Settings ." →P.258


## Conserving Roll Paper by Printing Originals Without Top and Bottom Margins


You can conserve roll paper by specifying particular settings as suitable for your original.

### • No Spaces at Top or Bottom (Conserve Paper)

You can print without feeding the paper for blank portions of originals if there are top and bottom margins in originals. This enables you to conserve as much paper as the size of the margins.



 **Important** • Printing without the top and bottom margins is not supported in the following cases.  
 • If you have chosen poster as the type of page layout

 **Note** • Even during borderless printing, you can print without the top and bottom margins.  
 • Printing without the top and bottom margins may cause inconsistency in the size of printed documents, depending on the layout of images or text in your originals.

For tips on conserving roll paper, refer to the following topics, as appropriate for your operating system.

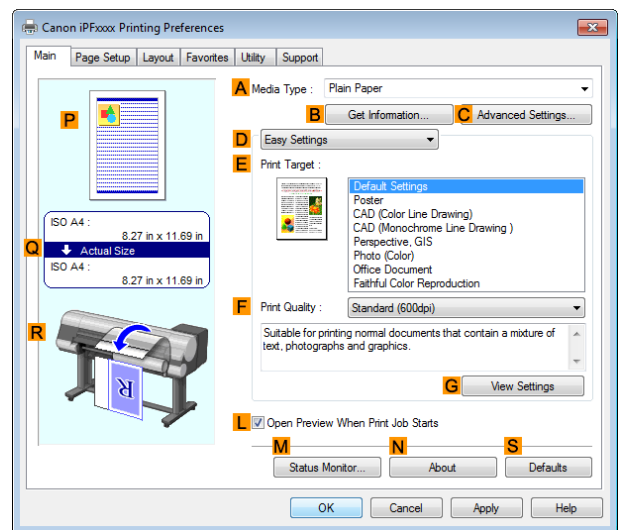
- Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Windows) →P.129
- Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Mac OS) →P.130

## Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Windows)

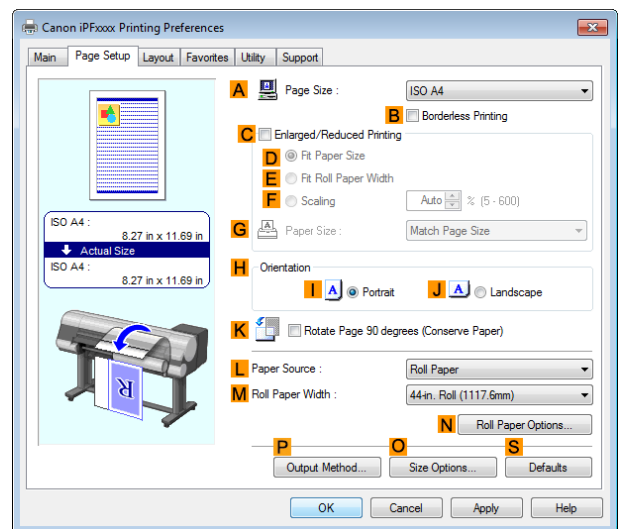
This topic describes how to conserve roll paper when printing originals that have a top and bottom margin, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

- 1** Choose **Print** in the application menu.
- 2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152
- 3** Make sure the **Main** sheet is displayed.

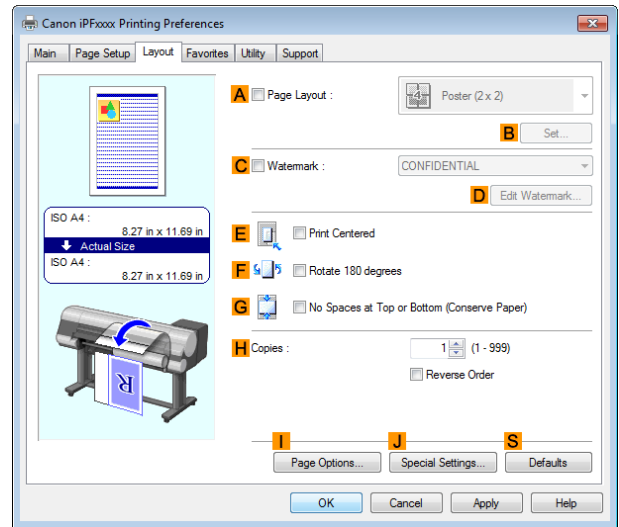


- 4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 5** Click the **Page Setup** tab to display the **Page Setup** sheet.




- 6** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.

- 7** Select and click a roll paper in the **L Paper Source** list.
- 8** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A3/A4 Roll (297.0mm)**.
- 9** Click the **Layout** tab to display the **Layout** sheet.



- 10** Select the **G No Spaces at Top or Bottom (Conserve Paper)** check box.
- 11** Confirm the print settings and print as desired.

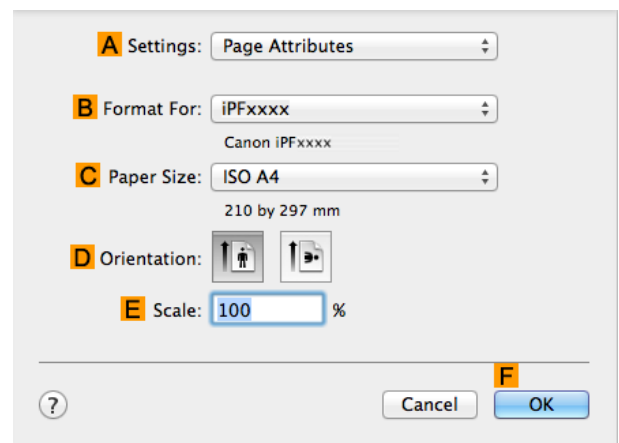
 **Note** • For tips on confirming print settings, see "Confirming Print Settings ." →P.149

### Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Mac OS)

This topic describes how to conserve roll paper when printing originals that have a top and bottom margin, based on the following example.

- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

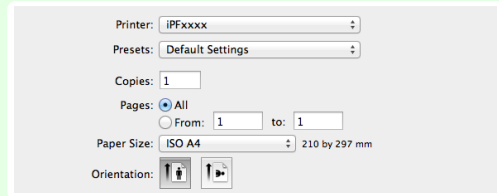
- 1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



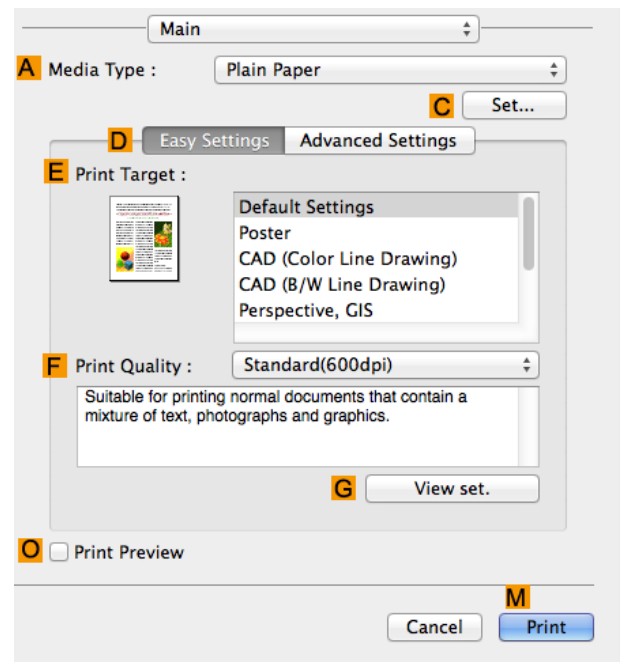




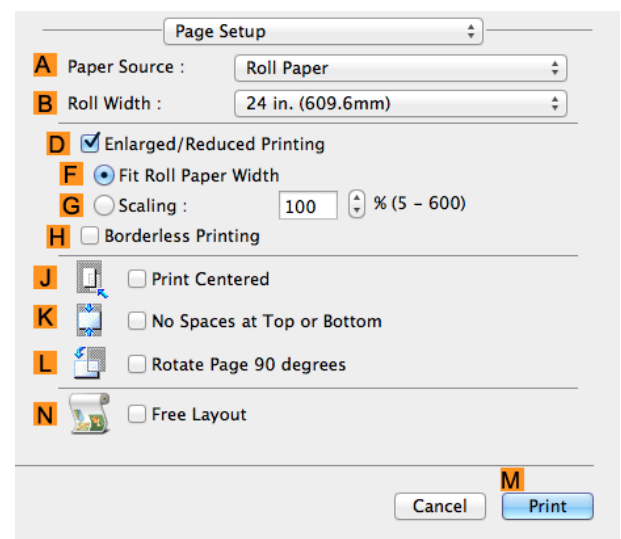
• **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



- 2** Select the printer in the **B Format for** list.
- 3** In **C Paper Size**, click the size of the original. In this case, click **ISO A4**.
- 4** Click **F OK** to close the dialog box.
- 5** Choose **Print** in the application menu.
- 6** Access the **Main** pane.



- 7** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 8** Access the **Page Setup** pane.



- 9** Select and click a roll paper in the **A Paper Source** list.

- 10** Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A3/A4 (297.0mm)** is selected.
- 11** Select the **K No Spaces at Top or Bottom** check box.
- 12** Confirm the print settings, and then click **M Print** to start printing.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." [→P.258](#)

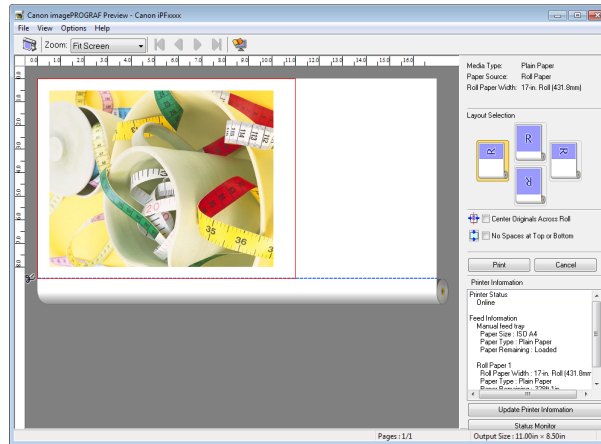
# Checking Images Before Printing

## Checking the Layout in a Preview Before Printing

You can check the print layout on the preview screen.

- **Open Preview When Print Job Starts (Windows)**

While viewing the preview screen, you can also adjust orientation or other settings, and your changes will be instantly applied on the preview screen.

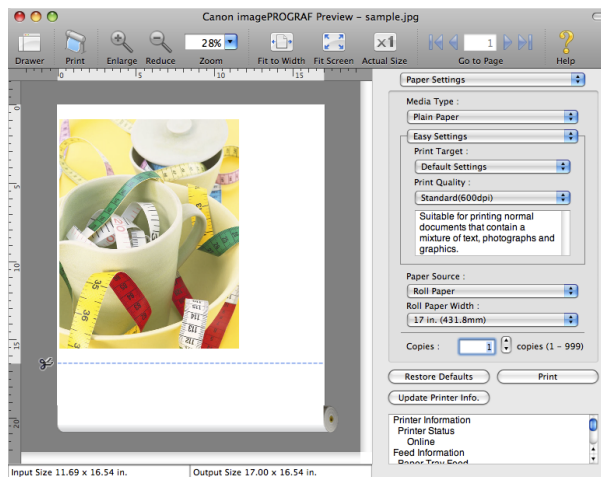


Note

- Under some settings and in some environments, PageComposer may be started.

- **Preview (Mac OS)**

While viewing the preview screen, you can also adjust layout or size settings, and your changes will be instantly applied on the preview screen.



For instructions on how to check the layout before printing, refer to the following topics:

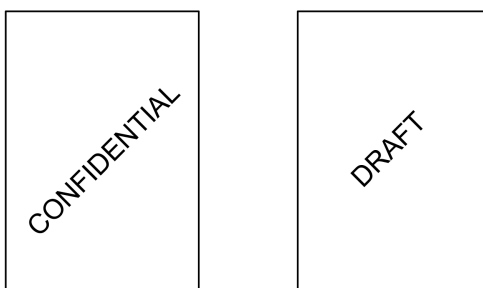
- **Checking the Layout in a Preview Before Printing (Windows)** → P.149
- **Checking the Layout in a Preview Before Printing (Mac OS)** → P.259

## Other useful settings

Printing With Watermarks .....	134
Printing with Watermarks—COPY, FILE COPY, and so on (Windows) .....	135
Making the Original Orientation Match the Paper Orientation .....	136
Making the Original Orientation Match the Paper Orientation (Windows) .....	137
Making the Original Orientation Match the Paper Orientation (Mac OS) .....	138
Using Favorites .....	140
→ Using Favorites (Windows) .....	150
→ Using Favorites (Mac OS) .....	259
Cutting Roll Paper After Printing .....	140
Cutting Roll Paper After Printing (Windows) .....	141
Cutting Roll Paper After Printing (Mac OS) .....	142

## Printing With Watermarks

You can add watermarks (background images) to documents that require special handling.



### • Watermark

Watermarks are applied to all pages of your document.



- Watermarks are not printed if you select poster as the type of page layout.

The following watermarks are provided:

- CONFIDENTIAL
- COPY
- DRAFT
- FILE COPY
- FINAL
- PRELIMINARY
- PROOF
- TOP SECRET

You can also create your own watermarks. Specify the following options to customize your watermark.

- Watermark string: Specify the font, size, color, and so on. Surround the watermark with a frame, if desired.
- Watermark position: Specify the position on the page, the angle, and so on.
- Watermark printing method: Specify whether to print the watermark superimposed or under the document image. You can also print the watermark only on the first page, if desired.



- Watermarks are supported in Windows.
- In addition to the provided watermarks, you can create up to 50 original watermarks.

For detailed instructions on printing with watermarks, refer to the following topics:

- **Printing with Watermarks—COPY, FILE COPY, and so on (Windows)** →P.135

## Printing with Watermarks—COPY, FILE COPY, and so on (Windows)

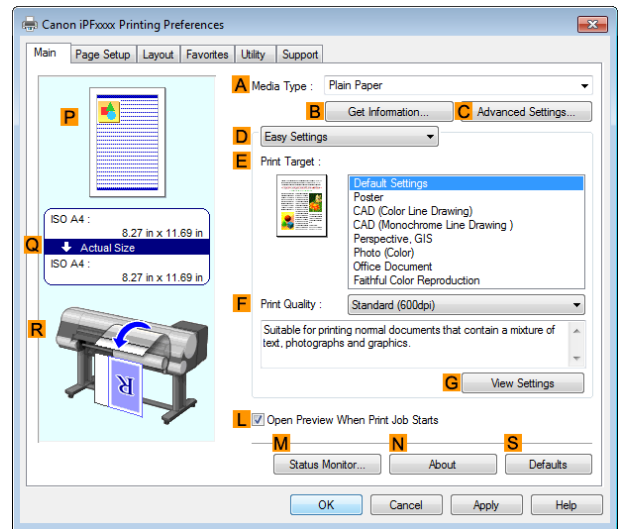
This topic describes how to print with watermarks, based on the following example of printing with a **FILE COPY** watermark.

- Document: Any type
- Page size: A2 (420.0×594.0 mm [16.5 × 23.4 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**3** Make sure the **Main** sheet is displayed.



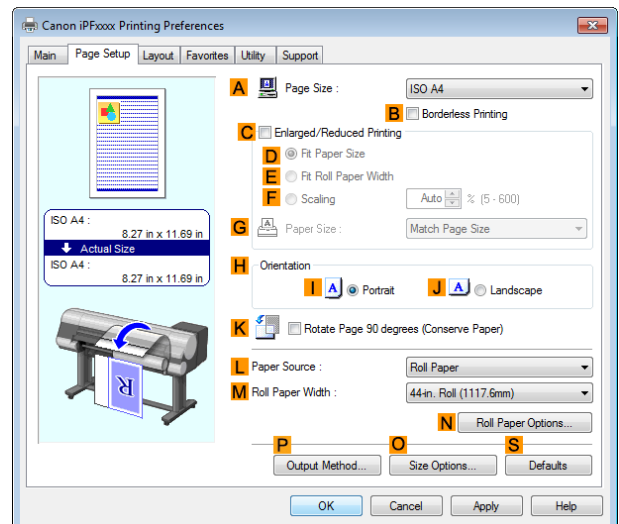
**4** In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

**5** Make your selection in the **E Print Target** list.

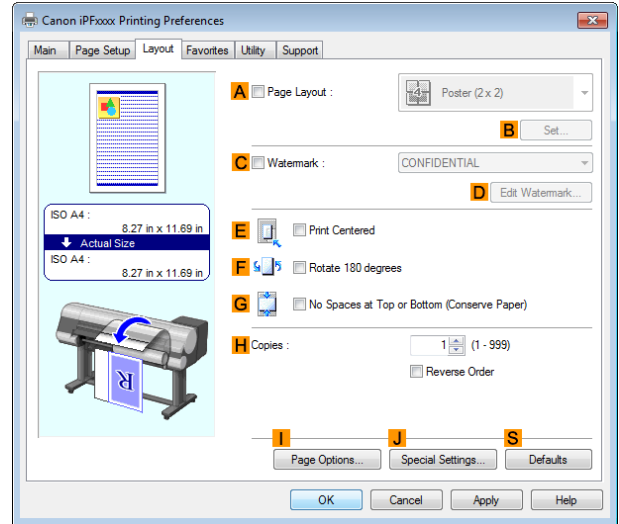


• You can check the settings values selected in the **E Print Target** list by clicking **G View Settings**.

**6** Click the **Page Setup** tab to display the **Page Setup** sheet.



- 7** In **A Page Size**, click the size of the original as specified in the application software. In this case, click **ISO A2**.
- 8** Select and click a roll paper in the **L Paper Source** list.
- 9** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A2/A3 Roll (420.0mm)**.
- 10** Click the **Layout** tab to display the **Layout** sheet.



- 11** Select the **C Watermark** check box.
- 12** Click **FILE COPY** in the **Watermarks** list.



• Click **D Edit Watermark** to open the **Edit Watermark** dialog box. In the **Edit Watermark** dialog box, you can create custom watermarks and change the position and angle of watermarks.

- 13** Confirm the print settings and print as desired.



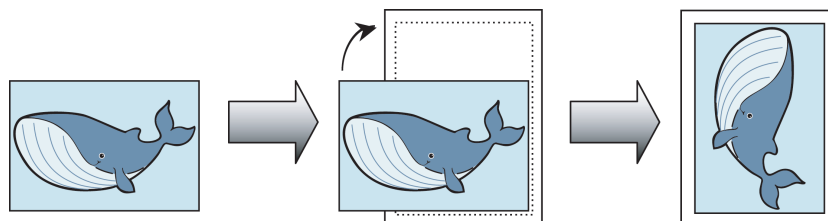
• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Making the Original Orientation Match the Paper Orientation

You can specify the original orientation to match the orientation of the paper for printing.

### • Orientation

Paper is usually loaded in the printer in portrait orientation. When you have an original in landscape orientation, you can specify the printing orientation so that the original is printed in landscape orientation.



### • Rotate 180 degrees

The original is rotated 180 degrees to print it upside down.

### • Mirror

A mirror image of the original is printed.

For instructions on specifying the original orientation before printing, refer to the following topics, as appropriate for your operating system.

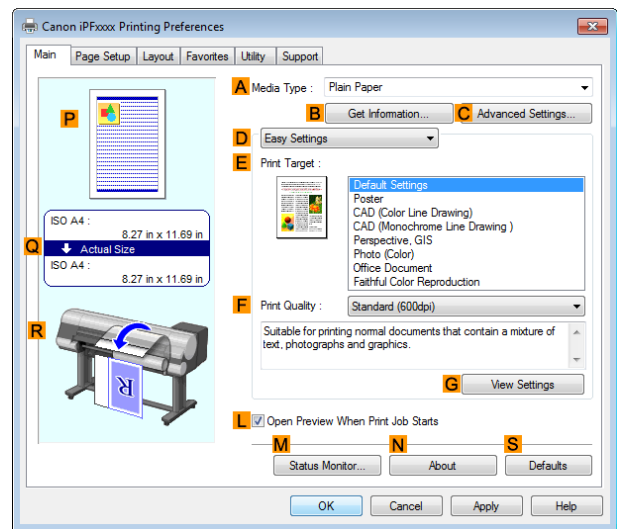
- Making the Original Orientation Match the Paper Orientation (Windows) →P.137
- Making the Original Orientation Match the Paper Orientation (Mac OS) →P.138

## Making the Original Orientation Match the Paper Orientation (Windows)

This topic describes how to print an original in landscape orientation after matching the paper orientation, based on the following example.

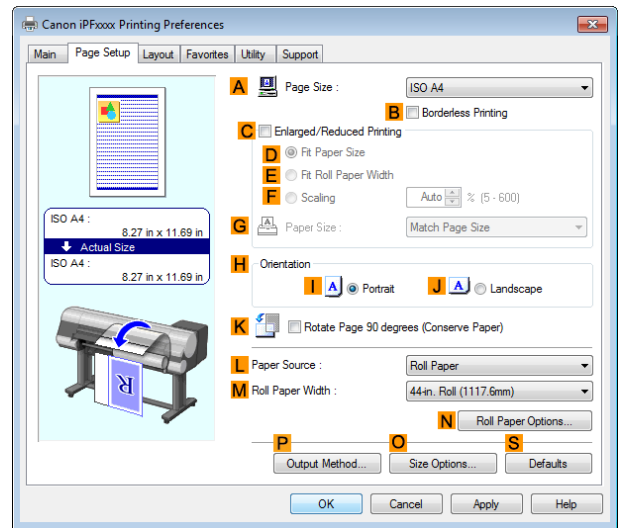
- Document: An original in landscape orientation
- Page size: A4 (210.0 × 297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

- 1 Choose **Print** in the application menu.
- 2 Select the printer in the dialog box, and then open the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152
- 3 Make sure the **Main** sheet is displayed.



- 4 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 5 Make your selection in the **E Print Target** list.
- 6 Make your selection in the **F Print Quality** list.

**7** Click the **Page Setup** tab to display the **Page Setup** sheet.



**8** In the **A Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.

**9** In **H Orientation**, click **J Landscape**.

**10** Select and click a roll paper in the **L Paper Source** list.

**11** Select the width of the loaded roll in the **M Roll Paper Width** list—in this case, **ISO A2/A3 Roll (420.0mm)**.

**12** Confirm the print settings and print as desired.



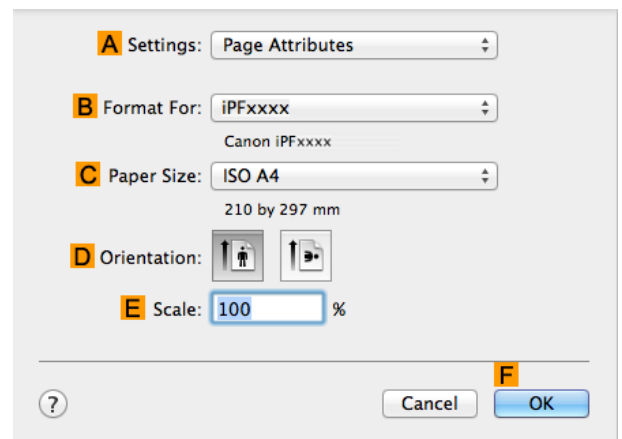
• For tips on confirming print settings, see "Confirming Print Settings ." →P.149

## Making the Original Orientation Match the Paper Orientation (Mac OS)

This topic describes how to print an original in landscape orientation after matching the paper orientation, based on the following example.

- Document: An original in landscape orientation
- Page size: A4 (210.0 × 297.0 mm [8.3 × 11.7 in])
- Paper: Roll paper
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

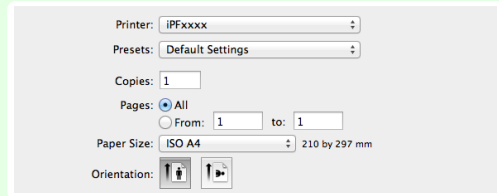
**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



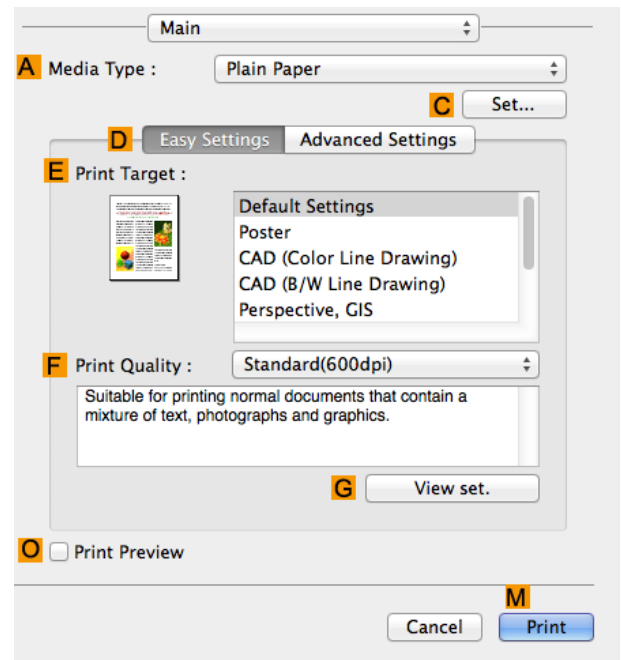




• **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.

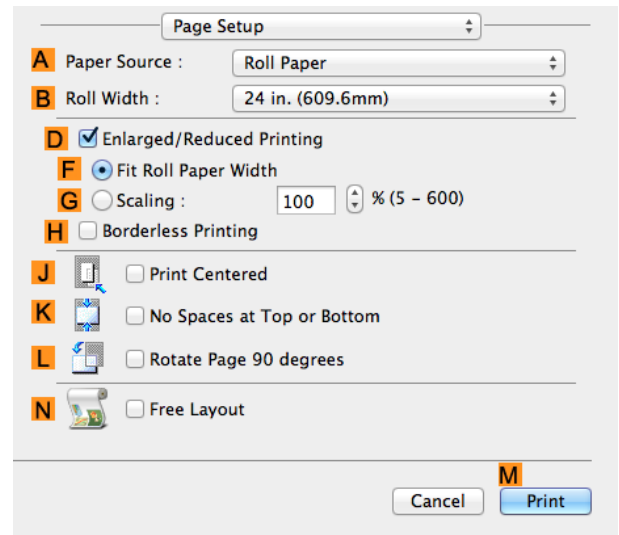


- 2 Select the printer in the **B Format for** list.
- 3 In **C Paper Size**, click the size of the original. In this case, click **ISO A4**.
- 4 In **D Orientation**, click the icon of the document in landscape orientation.
- 5 Click **F OK** to close the dialog box.
- 6 Choose **Print** in the application menu.
- 7 Access the **Main** pane.



- 8 In the **A Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
- 9 Make your selection in the **E Print Target** list.
- 10 Make your selection in the **F Print Quality** list.

## 11 Access the **Page Setup** pane.



## 12 Select and click a roll paper in the **A Paper Source** list.

## 13 Select the paper width of the roll loaded in the printer for **B Roll Width**. In this case, **ISO A2/A3 (420.0mm)** is selected.

## 14 Confirm the print settings, and then click **M Print** to start printing.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.258

## Using Favorites

You can register print settings as **Favorites** to reuse settings from a particular job that met your expectations, or settings for a particular page size that you will use repeatedly.

### • Favorites

Registering a favorite for later use. You can choose the settings you have registered from a list before printing, and you can check the settings details.



Note

- You can also save the favorite settings as files. Using these files is a convenient way to print under the same conditions on another computer. (In Windows.)

For instructions on using favorites to print, refer to the following topics, as appropriate for your operating system.

- Using Favorites (Windows) →P.150
- Using Favorites (Mac OS) →P.259

## Cutting Roll Paper After Printing

Roll paper can be automatically cut after printing.



Note

- It may not be possible to cut certain types of paper, such as adhesive paper. For details on types of paper that cannot be used with the auto cut feature, see the **Paper Reference Guide**. (See "Types of Paper.") →P.320

### • Automatic Cutting

Roll paper is cut automatically after printing. If you prefer, you can print continuously without cutting the roll, or you can print a cut line.

For instructions on cutting roll paper after printing, refer to the following topics, as appropriate for your operating system.

- Cutting Roll Paper After Printing (Windows) →P.141
- Cutting Roll Paper After Printing (Mac OS) →P.142

## Cutting Roll Paper After Printing (Windows)

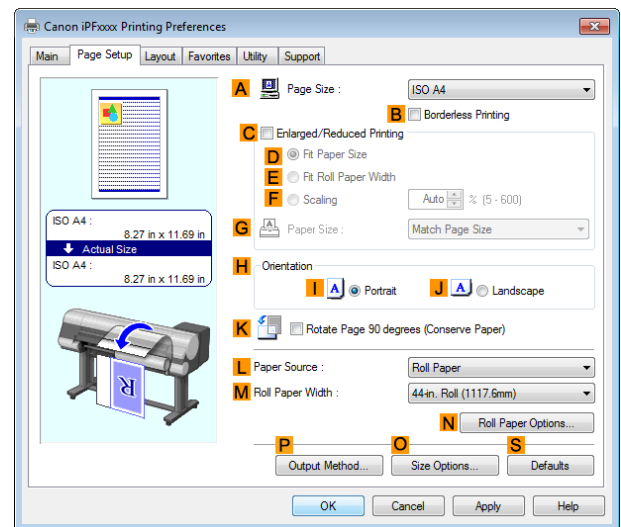
This topic describes how to cut roll paper automatically after printing (using the auto cut function), as well as how to print a cut line for manual cutting.



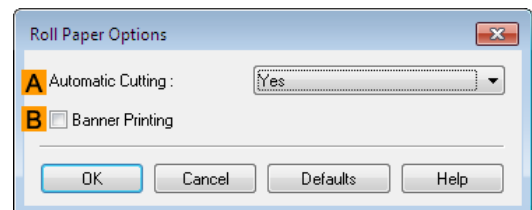
Note

- The auto cut function is activated on the printer by default and when the printer driver is installed. Follow the steps below to reactivate the function if it is disabled, or to select the setting for printing a cut line instead.

- 1 Choose **Print** in the application menu.
- 2 Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152
- 3 Click the **Page Setup** tab to display the **Page Setup** sheet.



- 4 Select and click a roll paper in the **L Paper Source** list.
- 5 Click **N Roll Paper Options** to display the **Roll Paper Options** dialog box.



- 6 To enable automatic cutting, click **Yes** in the **A Automatic Cutting** list. If you prefer to cut the paper later yourself, click **Print Cut Guideline**.
- 7 Click **OK** to close the **Roll Paper Options** dialog box.
- 8 Confirm the print settings and print as desired.



Note

- For tips on confirming print settings, see "Confirming Print Settings ." →P.149

Roll paper will be automatically cut after printing.

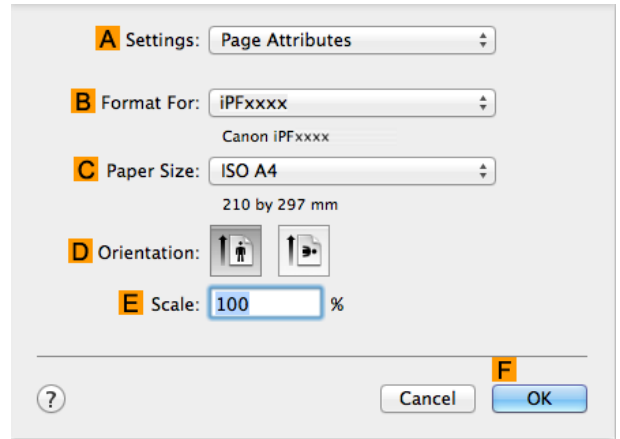
## Cutting Roll Paper After Printing (Mac OS)

This topic describes how to cut roll paper automatically after printing (using the auto cut function), as well as how to print a cut line for manual cutting.

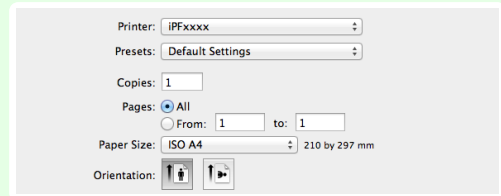


- The auto cut function is activated on the printer by default and when the printer driver is installed. Follow the steps below to reactivate the function if it is disabled, or to select the setting for printing a cut line instead.

**1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



- Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



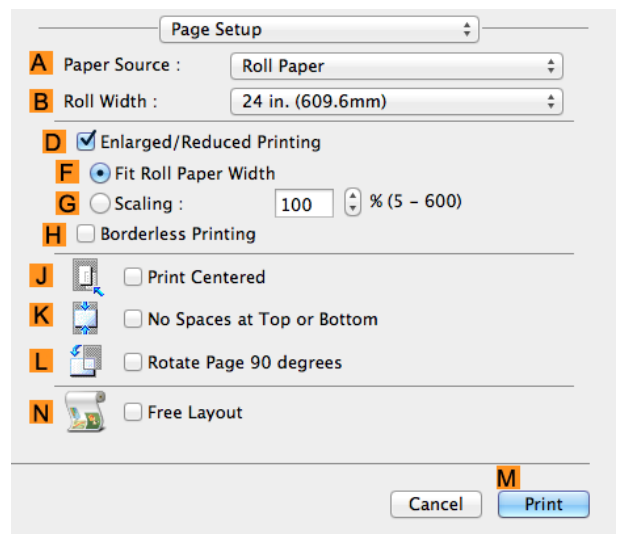
**2** Select the printer in the **B Format for** list.

**3** Choose the original size in the **C Paper Size** list.

**4** Click **F OK** to close the dialog box.

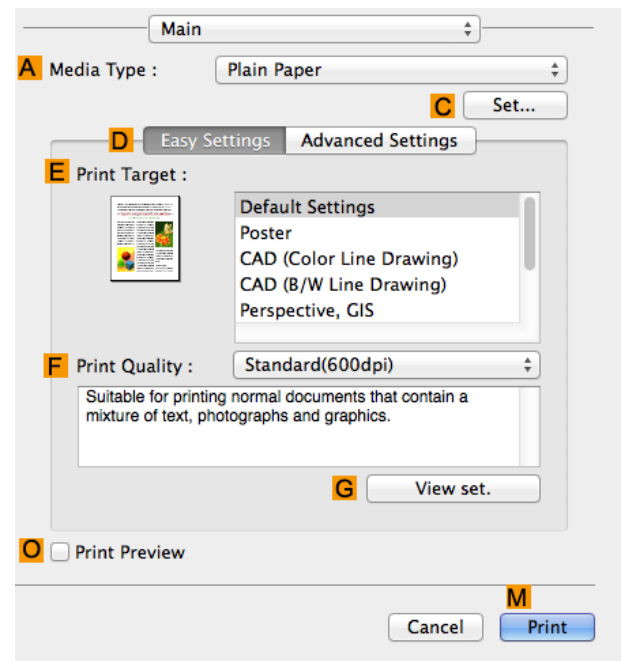
**5** Choose **Print** in the application menu.

**6** Access the **Page Setup** pane.



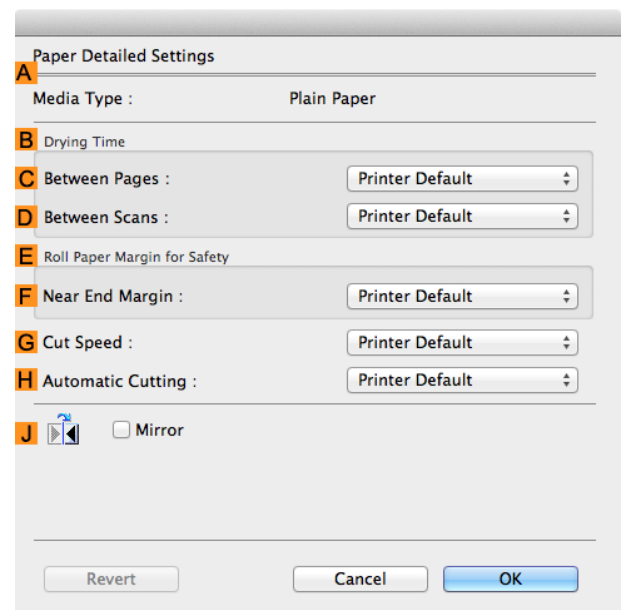
**7** Select and click a roll paper in the **A Paper Source** list.

## 8 Access the **Main** pane.



## 9 In the **A Media Type** list, select the type of paper that is loaded.

## 10 Click **C Set** to display the **Paper Detailed Settings** dialog box.



## 11 To enable automatic cutting, click **Printer Default** in the **H Automatic Cutting** list. If you prefer to cut the paper later yourself, click **Print Cut Guideline**.



- If the automatic cut function has been deactivated on the printer, change the auto cut setting on the printer Control Panel.

## 12 Click **OK** to close the **Paper Detailed Settings** dialog box.

## 13 Confirm the print settings, and then click **M Print** to start printing.



- For tips on confirming print settings, see "Confirming Print Settings ." →P258

# Memo

Basic Printing Workflow	15
Enhanced Printing Options	29

## Windows Software

Printer Driver .....	146
Preview .....	176
Free Layout .....	186
Color imageRUNNER Enlargement Copy .....	208
Print Plug-In for Office .....	217
→ Status Monitor .....	496
→ Accounting .....	501
→ Device Setup Utility .....	491
→ Media Configuration Tool .....	375

Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

# Printer Driver

Printer Driver Settings .....	146
Specifying Paper in the Printer Driver .....	148
Confirming Print Settings .....	149
Checking the Layout in a Preview Before Printing .....	149
Using Favorites .....	150
Accessing the Printer Driver Dialog Box from Applications .....	152
Accessing the Printer Driver Dialog Box from the Operating System Menu .....	153
Main Sheet .....	154
Paper Information on Printer Dialog Box .....	157
Paper Detailed Settings Dialog Box .....	158
View Settings Dialog Box for the Printing Application .....	159
Color Adjustment Sheet: Color .....	160
Object Adjustment Dialog box: Color .....	161
Matching Sheet .....	161
Color Adjustment Sheet: Monochrome .....	163
Object Adjustment Dialog box: Monochrome .....	164
Page Setup Sheet .....	165
Output Method Dialog box .....	167
Paper Size Options Dialog Box .....	168
Layout Sheet .....	169
Page Options Dialog Box .....	170
Special Settings Dialog Box .....	171
Favorites Sheet .....	172
Utility Sheet .....	173
Support Sheet .....	174
Settings Summaries Dialog Box .....	174
Device Settings Sheet .....	175

Windows Software

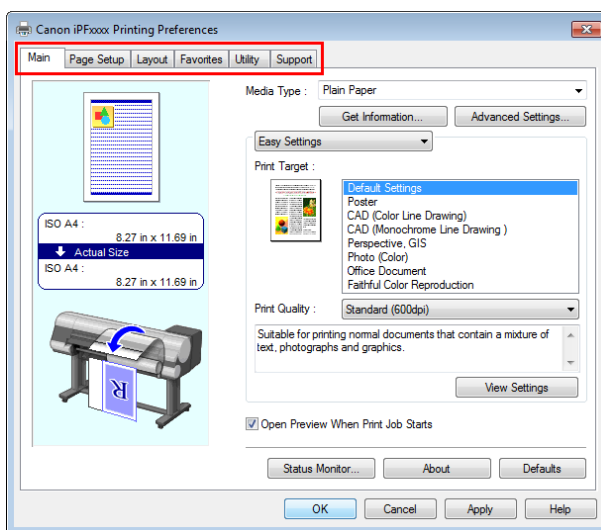
Printer Driver

## Printer Driver Settings

For instructions on accessing the Windows printer driver, refer to the following topics.

- **Accessing the Printer Driver Dialog Box from Applications** →P.152
- **Accessing the Printer Driver Dialog Box from the Operating System Menu** →P.153

For information on the Windows printer driver settings, refer to the following topics.

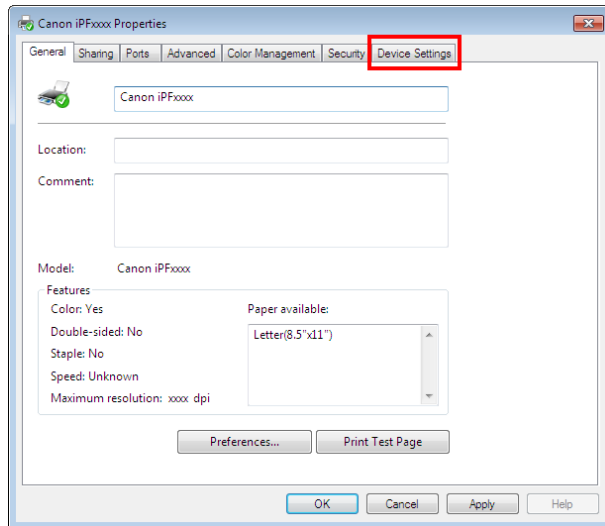


- **Main Sheet** →P.154



You can specify the type of paper, color processing, print quality, print preview, and other settings. Choose **Easy Settings** to specify basic print settings based on the printing application or **Advanced Settings** to complete more detailed settings as desired.

- Paper Detailed Settings Dialog Box →P.158
- View Settings Dialog Box for the Printing Application →P.159
- Color Adjustment Sheet: Color →P.160
- Object Adjustment Dialog box: Color →P.161
- Matching Sheet →P.161
- Color Adjustment Sheet: Monochrome →P.163
- Object Adjustment Dialog box: Monochrome →P.164
- Page Setup Sheet →P.165  
You can specify the page size of the original, borderless printing, enlargement or reduction, the orientation, the paper size and feed source, and automatic cutting.
  - Output Method Dialog box →P.167
  - Paper Size Options Dialog Box →P.168
- Layout Sheet →P.169  
You can specify the page layout, watermarks, the orientation, the number of copies, and print processing options.
  - Page Options Dialog Box →P.170
  - Special Settings Dialog Box →P.171
- Favorites Sheet →P.172  
Groups of print settings you select on each sheet can be saved as a favorite. Favorites you have added can be edited or used at the time of printing as desired.
- Utility Sheet →P.173  
You can specify settings related to maintenance for the Printhead and feed amount, as well as settings for **Color imageRUNNER Enlargement Copy**.
- Support Sheet →P.174  
You can view support information and the user manual.



- Device Settings Sheet →P.175  
You can display settings for optional equipment installed on the printer and see the version information for the printer driver.

**imagePROGRAF Free Layout** is a feature for freely arranging originals from various source applications on a single page as desired before printing. For details, see "Free Layout." →P.186

**Color imageRUNNER Enlargement Copy** is a feature for automatic enlargement and printing of scanned originals from a **Color imageRUNNER**. For details, see "Color imageRUNNER Enlargement Copy." →P.208



• **Color imageRUNNER Enlargement Copy** is not displayed in 64-bit editions of Windows.

## Specifying Paper in the Printer Driver

If you have replaced the paper, you must complete the following settings in the printer driver.



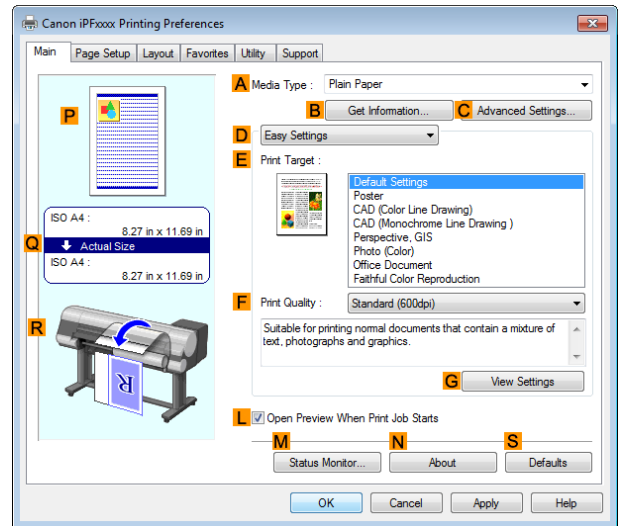
Important

- Always specify the same type and size of paper in the printer menu and printer driver.

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications ." ) → P.152

**3** Make sure the **Main** sheet is displayed.



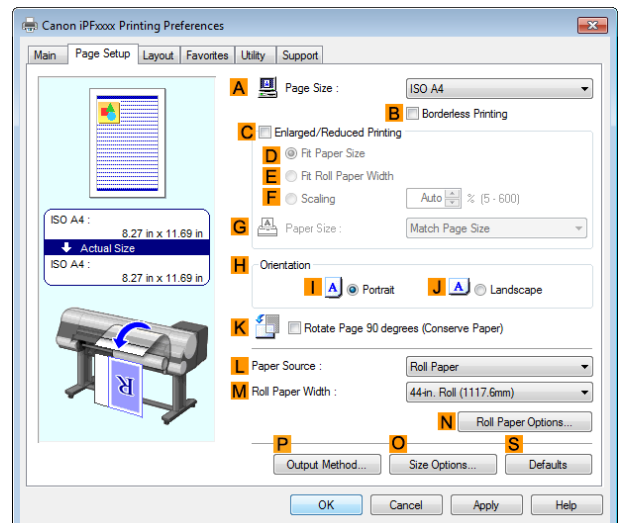
**4** In the **A Media Type** list, select the type of paper that is loaded.



Note

- Click the **B Get Information** button to display the **Paper Information on Printer** dialog box. On the **Paper Information on Printer** dialog box, you can obtain information on the paper in the printer and configure printer driver settings for the feed source and type of paper. This function requires that the **Status Monitor** be installed.

**5** Click the **Page Setup** tab to display the **Page Setup** sheet.



**6** In the **A Page Size** list, select the size of the original as specified in the application.

**7** In the **L Paper Source** list, select how paper is supplied.

**8** If you have selected roll paper in **L Paper Source**, select the width of the loaded roll in **M Roll Paper Width**.



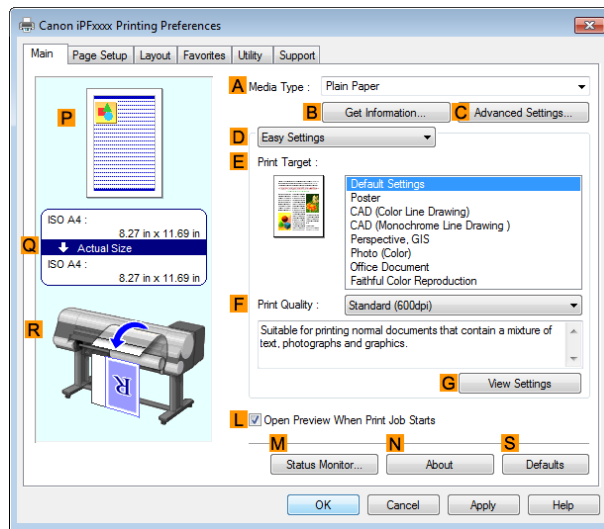
- A variety of settings are available in the printer driver to suit different printing applications. For details on available printing conditions, see "Printer Driver Settings ." →P.146

## Confirming Print Settings

There are two ways to confirm the print settings, as follows.

- Checking a preview of the settings

A preview of the settings is displayed on the left side of the **Main**, **Page Setup**, and **Layout** sheets. By checking illustrations and numerical values in the preview, you can confirm current settings for the page size, orientation, paper source, layout, and so on.



Display Area	Information Displayed
<b>P Top illustrations</b>	Illustrations indicate the orientation, page layout, borderless printing selection, color mode, and other settings information.
<b>Q Middle, bordered area</b>	The page size, paper size, and method and percentage of enlargement or reduction are indicated.
<b>R Bottom illustrations</b>	Illustrations indicate the feed source, orientation, borderless printing selection, and other settings information.



- To confirm the **Print Target** specified in **Easy Settings**, click **G View Settings** on the **Main** sheet to display the **View Settings** dialog box.

- Checking a print preview

You can check an image of the original just as it will be printed.

When you activate this feature, **imagePROGRAF Preview** or PageComposer is started before printing. Confirming how documents will be printed this way helps prevent printing errors.

For details on print previews, see "Checking the Layout in a Preview Before Printing." →P.133

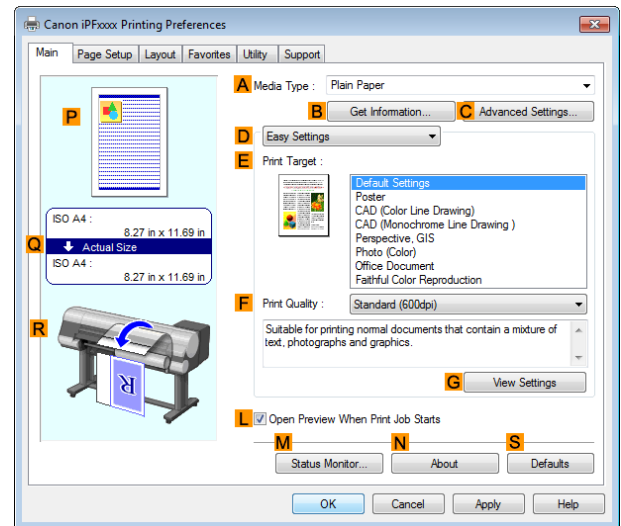
## Checking the Layout in a Preview Before Printing

This topic describes how to preview images of print jobs before actually printing them.

**1** Choose **Print** in the application menu.

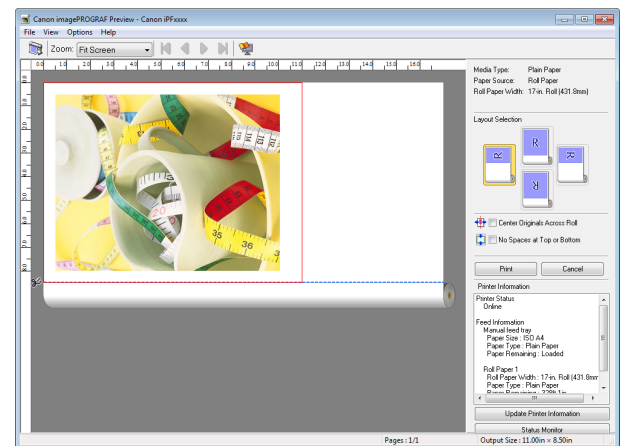
**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

### 3 Make sure the **Main** sheet is displayed.



### 4 Select the **L Open Preview When Print Job Starts** check box.

### 5 After you click **OK**, when you print a job, the **imagePROGRAF Preview** window will be displayed.



Note

- If PageComposer is running, access the **Special Settings** dialog box from the **Layout** sheet and clear **Preview Switching**.

### 6 On the main window, you can check the layout and change settings as needed.

### 7 To print, click **Print** in the **File** menu.



Note

- For details on **imagePROGRAF Preview** functions, see "Preview." →P.176

## Using Favorites

This topic describes how to register favorites and print using favorite settings.

### Registering a favorite

150

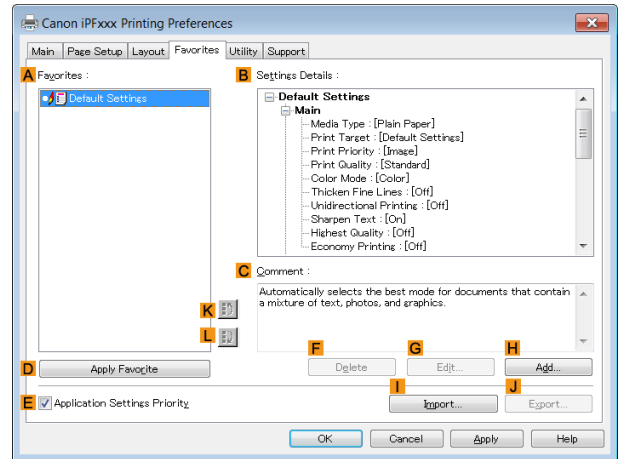
This section describes the procedure for registering printing settings that have been changed in the driver as **Favorites**.

### 1 Choose **Print** in the application menu.

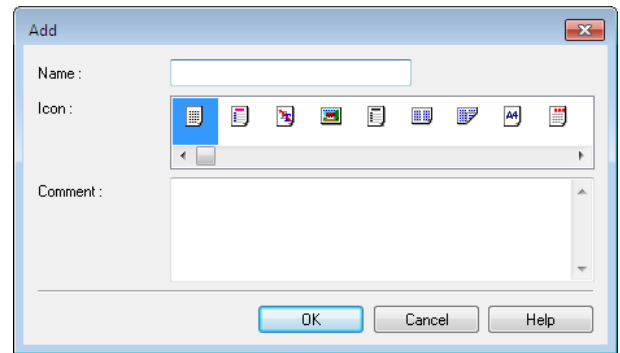
### 2 Select the printer in the dialog box, and then display the printer driver dialog box. (See "**Accessing the Printer Driver Dialog Box from Applications** .") →P.152

**3** Perform normal printing settings.  
The favorite is registered from here.

**4** Click the **Favorites** tab to display the **Favorites** sheet.



**5** Click **H Add** to display the **Add** dialog box.




**6** Enter a desired name in **Name**, such as **Photos for Presentations** or **Monthly Report**.

**7** Choose a fitting icon for these print settings in the Icon list.

**8** In **Comment**, enter a description of the favorite to be added, as desired.

**9** Click **OK** to close the **Add** dialog box.  
The favorite you have added is now displayed in **A Favorites**.

 **Note** • To save a favorite as a file, click **J Export** and specify the file to save.

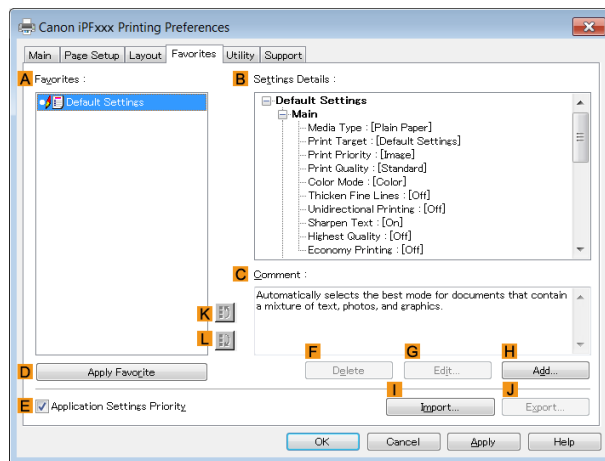
### Printing using the favorite

Follow the steps below to print using the favorite you have registered.

**1** Choose **Print** in the application menu.

**2** Select the printer in the dialog box, and then display the printer driver dialog box. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

**3** Click the **Favorites** tab to display the **Favorites** sheet.



**4** In the **A Favorites**, choose the favorite you registered.



• To import a favorite, click **I Import** and specify the favorite file.

**5** Click **D Apply Favorite** to replace the favorite settings with the current print settings.

**6** Confirm the print settings and print as desired.



• For instructions on confirming print settings, see "Confirming Print Settings ." →P.149

## Accessing the Printer Driver Dialog Box from Applications

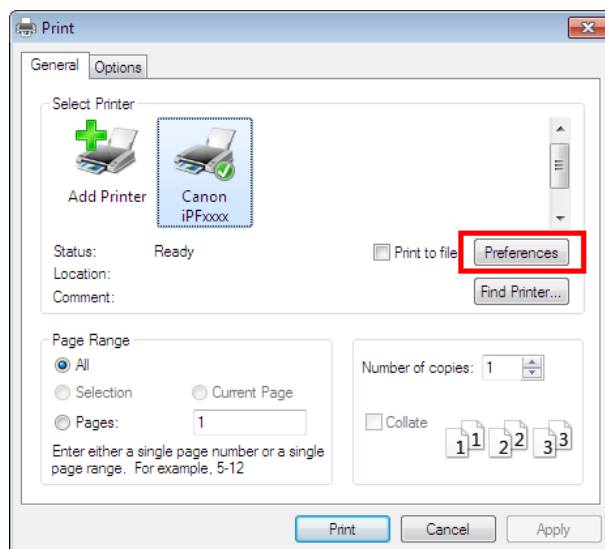
**1** Choose **Print** from the **File** menu to display the dialog box for printing conditions.

**2** Select the printer, and then display the printer driver dialog box.

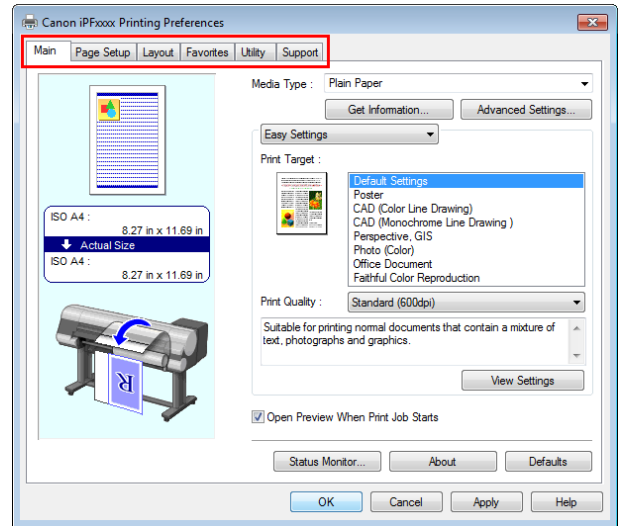



• The dialog box for specifying printing conditions varies depending on the source application. In some cases, when you select the printer, a sheet for configuring the printer driver is added to the dialog box. In the following case, click **Preferences**.


• Example: **Print** dialog box displayed by the application software



Six sheets of print settings are displayed by the printer driver: **Main**, **Page Setup**, **Layout**, **Favorites**, **Utility**, and **Support**.



 **Note** • The titles of dialog boxes may vary depending on the application, and sheets other than these six sheets may be displayed.

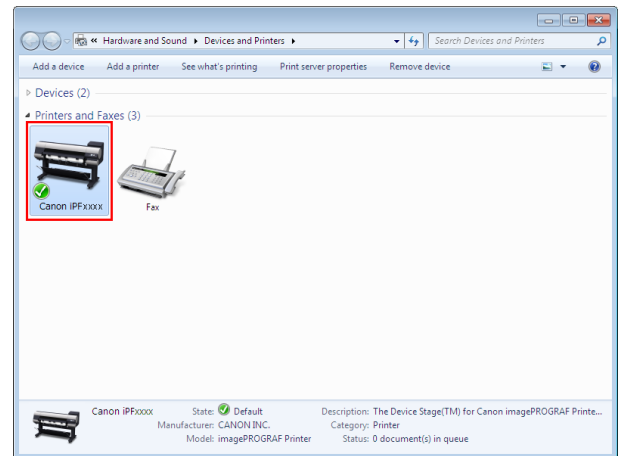
 **Important** • If you access the printer driver dialog box from the source application, changes you make to the settings will only apply temporarily to that application. Because these are sizes you specify temporarily in the printer driver, the sizes will not be available after you exit the application.

• You can also access the printer driver dialog box from the Windows system menu. To use the settings continuously in all applications, open the printer driver from the system menu to make the settings.  
(See "Accessing the Printer Driver Dialog Box from the Operating System Menu .") →P.153

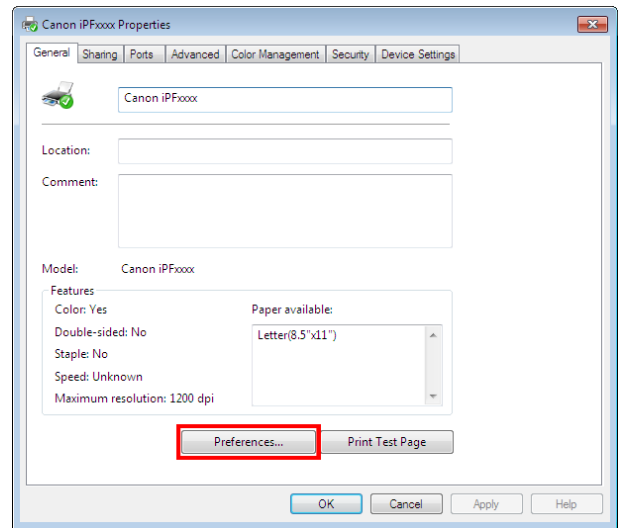
## Accessing the Printer Driver Dialog Box from the Operating System Menu

**1** Open the folder of the OS you are using for configuring printers. For example, on Windows 7, click the **start** button on the Desktop and open the **Devices and Printers** window.

**2** Right-click the icon of this printer and choose **Printer Properties** to open the printer properties window.

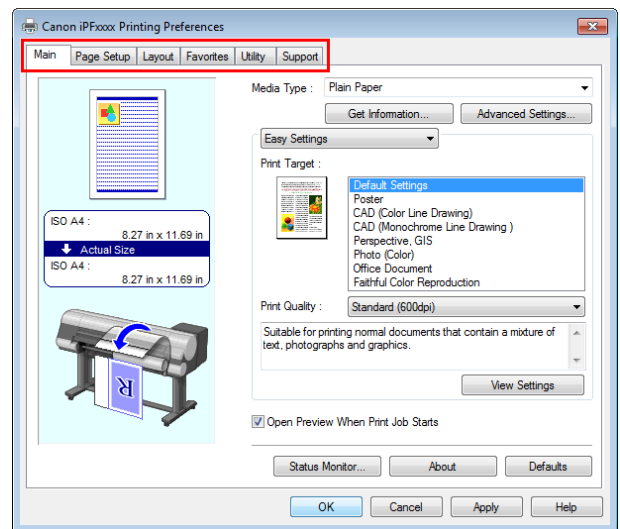


**3** Click **Preferences** to display the **Printing Preferences** dialog box, titled with the name of this printer.



**Note** • The **Device Settings** sheet is also an extension of the printer driver. (See "Device Settings Sheet .") →P.175

Six sheets of print settings are displayed by the printer driver: **Main**, **Page Setup**, **Layout**, **Favorites**, **Utility**, and **Support**.



**Important** • If you access the printer driver dialog box from the operating system menu, changes you make to the settings will apply to all applications you use for printing.  
 • You can also access the printer driver dialog box from applications. (See "Accessing the Printer Driver Dialog Box from Applications .") →P.152

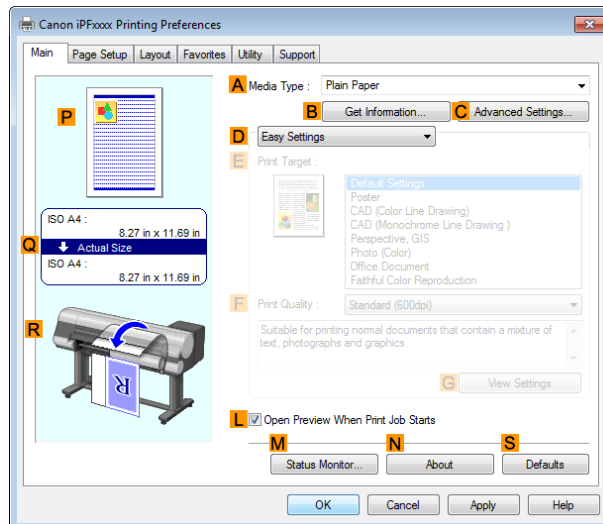
## Main Sheet

The following settings are available on the **Main** sheet. For details on settings items, refer to the printer driver help file.

**Note** • On the **Main** sheet, choose **Easy Settings** to specify basic print settings based on the particular printing application, or switch to **Advanced Settings** to complete more detailed settings as desired.



## Common Items



- **A Media Type**

Select the type of paper.

For information on the types of paper the printer supports, refer to the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide.") →P.323

- **B Get Information**

Displays **Paper Information on Printer**. You can update the printer driver settings for the feed source, media type, and roll width by selecting the feed source.

- Paper Information on Printer Dialog Box →P.157

- **C Advanced Settings**

Displays **Paper Detailed Settings**. You can configure the printing settings to match the type of media, such as the ink drying time.

- Paper Detailed Settings Dialog Box →P.158

- **L Open Preview When Print Job Starts**

When the check box is selected, **imagePROGRAF Preview** is launched before printing.

This allows you to check on-screen previews of documents before printing.

- Checking the Layout in a Preview Before Printing →P.133

- **M Status Monitor**

Starts **imagePROGRAF Status Monitor**.

You can check the printer status, job status, and other conditions.

You can also set up email notification if printer errors occur by completing the **Email Notice** settings.

For details, refer to the **Status Monitor** help file.

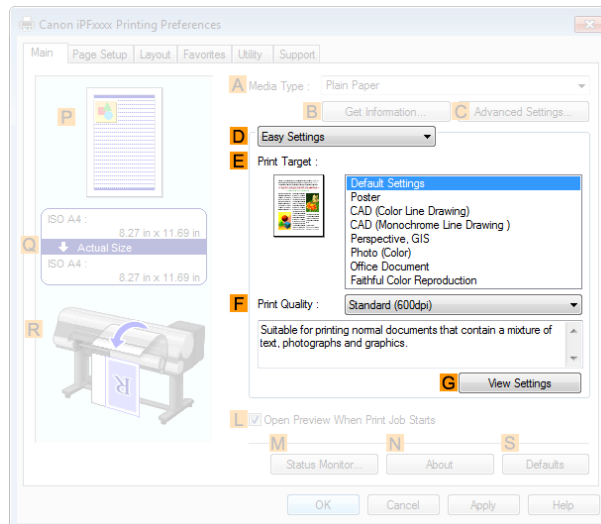
- **N About**

Displays version information for the printer driver.

- **S Defaults**

Restores all settings on the sheet to the default values.

## Configuration using **Easy Settings**



### • **E Print Target**

Choose presets that match the type of document to be printed.

- **Printing Photos and Images** →P.31
- **Printing Line Drawings and Text** →P.40
- **Printing Office Documents** →P.35

Depending on the **A Media Type** setting, some **E Print Target** options may not be available.

### • **F Print Quality**

Choose the level of print quality.

- **Giving Priority to Particular Graphic Elements and Colors for Printing** →P.54

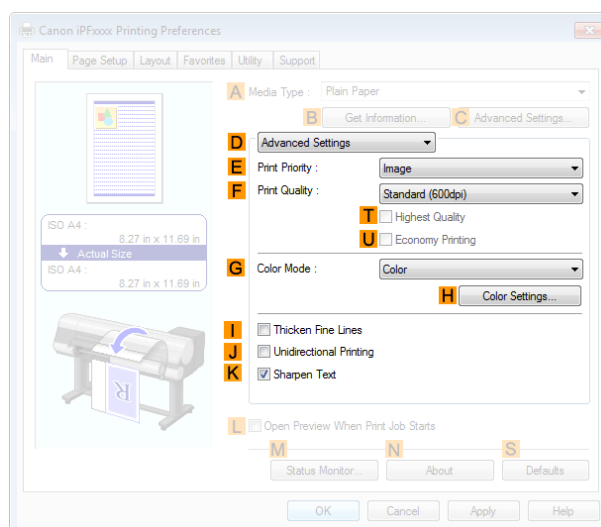
### • **G View Settings**

Displays the **E Print Target** setting values.

You can view and change the order of **E Print Target** setting values.

- **View Settings Dialog Box for the Printing Application** →P.159

## Configuration using **Advanced Settings**



### • **E Print Priority**

Choose the graphic elements that you want to emphasize for printing.

- **Giving Priority to Particular Graphic Elements and Colors for Printing** →P.54


• **F Print Quality**

Choose the level of print quality.

- Giving Priority to Particular Graphic Elements and Colors for Printing →P.54

• **T Highest quality**


When the check box is selected, printing is performing focusing on quality. Printing takes longer and consumes more ink than in other modes, but this mode offers superior printing quality.

 **Note** • If you set **F Print Quality** to **High**, you can select **T Highest quality**. However, depending on **A Media Type** and **E Print Priority**, you may not be able to select **T Highest quality**.

• **U Economy Printing**

If you select this option, you can print with less ink consumed. However, print quality is lower than in regular printing.


Select this option to save ink, such as when printing to check drawings. Depending on the settings of **A Media Type** and **F Print Quality**, you may not be able to select this option.

 **Note** • If you set **F Print Quality** to **Fast**, you can select **U Economy Printing**. However, depending on **A Media Type** and **E Print Priority**, you may not be able to select **U Economy Printing**.

• **G Color Mode**

Choose the color mode.

- Giving Priority to Particular Graphic Elements and Colors for Printing →P.54

 **Note** • Depending on the **A Media Type** setting, some **G Color Mode** options may not be available.

• **H Color Settings**

Click to display the **Color Settings** dialog box for more advanced color settings.

- Adjusting the Color in the Printer Driver →P.48

• **I Thicken Fine Lines**

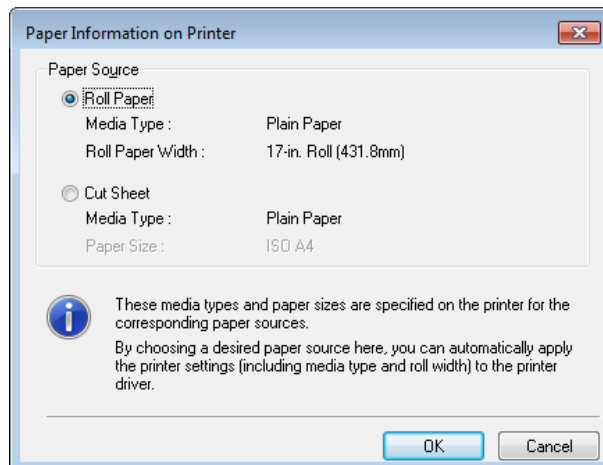
Select this option to print fine lines more distinctly.

• **J Unidirectional Printing**

Select this checkbox to prevent problems such as misaligned lines and improve the print quality. However, the printing speed becomes slower.

## Paper Information on Printer Dialog Box

On the **Paper Information on Printer** dialog box, you can obtain information on the paper in the printer and configure printer driver settings for the paper source and media type.





- To display the **Paper Information on Printer** dialog box, on the **Main** sheet, click **Get Information by Media Type**. (See "Main Sheet .") →P.154

**A Paper Source**

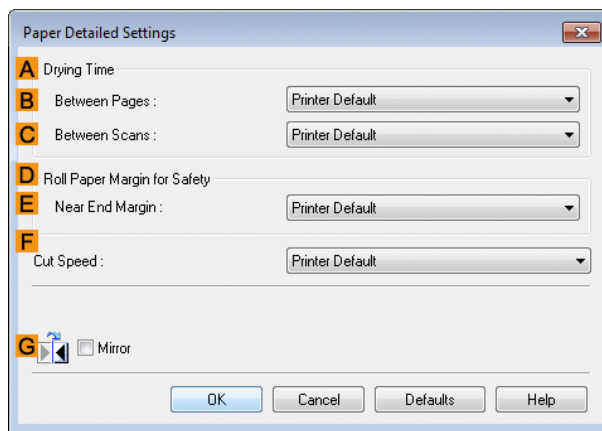
Shows the paper source supported by the printer, as well as information about the loaded paper. To update the paper source and media type settings in the printer driver, select the desired **Paper Source** option and click **OK**.

**Paper Detailed Settings Dialog Box**

In the **Paper Detailed Settings** dialog box, you can set **Drying Time** for the paper selected with **Media Type** of the **Main** sheet, etc.

You can display this dialog box by clicking **Advanced Settings** of **Media Type** on the **Main** sheet. (See "Main Sheet .") →P.154

As for the items for which you can select **Printer Default** in this dialog box, you also can set them from the control panel of the printer. (See "Menu Settings.") →P.442



**A Drying Time**

Specify the time that the printer waits for ink to dry, as needed. The **Between Pages** setting is only valid for rolls.

**B Between Pages**

You can set the time to wait after printing 1 document page until ejecting the paper. Since waiting time is required for ink to dry before a roll is cut, you can deliver paper in the Output Stacker with the ink dried even if **Cutting Mode** is set to **Automatic**.

Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>Off</b>	Paper is ejected immediately after printing completes.
<b>30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / 60 min.</b>	Paper is ejected when the set time elapses after printing completes.

**C Between Scans**

You can set the time to wait after printing 1 line on a page until printing the next line. Set this to avoid bleeding or color unevenness such as when bleeding occurs on a page or when color unevenness occurs during borderless printing.

Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>Off</b>	The next line is printed immediately after a line is printed.
<b>1 sec. / 3 sec. / 5 sec. / 7 sec. / 9 sec.</b>	The next line is printed when the set time elapses after a line is printed. * Increase the time according to the occurrence condition of bleeding or unevenness.

### D Roll Paper Margin for Safety

You can specify the length of a margin on the leading edge of paper to ensure that paper susceptible to curling is held firmly against the Platen.

- **E Near End Margin**

Specify the length of the **Near End Margin** (the leading edge margin) of the roll, as needed.

Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>3 mm (0.12 in)</b>	The document is printed in the standard size. * Select this when you do not have any problems in printing.
<b>20 mm (0.8 in)</b>	Select this when rubbing against the printhead occurs such as when using paper that tends to curl.

### F Cut Speed

Select the speed of automatic cutting, as needed. You can adjust this setting if paper is not cut well when automatic cutting is used.

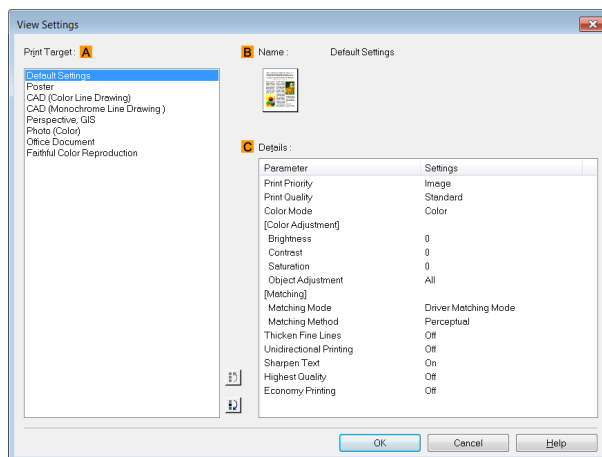
Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>High Speed</b>	When the <b>Standard</b> setting does not result in cutting the surface cleanly, select this.
<b>Standard</b>	Select this when you do not have any problems in automatic cutting.
<b>Low Speed</b>	This helps prevent adhesive from sticking to the cutter and keeps the cutter sharp if you select it when using adhesive paper.

### G Mirror

Specify whether to print a mirror image, as needed. Select this option to print a version of the document or image with the left and right sides inverted.

## View Settings Dialog Box for the Printing Application

In the **View Settings** dialog box, you can check details of the selected printing application.



• To display the **View Settings** dialog box, on the **Main** sheet, click **View Settings by Print Target**. (See "Main Sheet.") →P.154

- **A Print Target**

Shows all **Print Target** options (settings items for the printing application).

- **B Name**

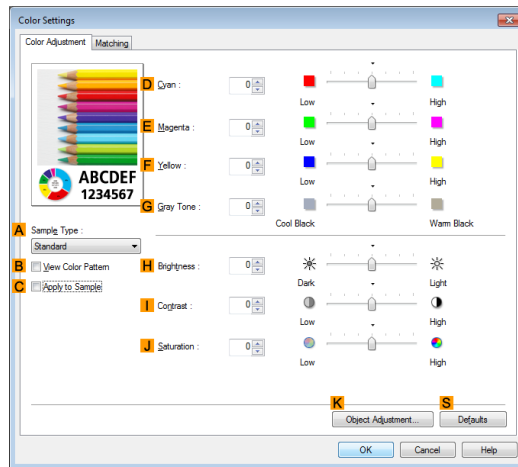
Identifies the item selected in **Print Target** by its name and an icon.

- **C Details**

Here, you can confirm detailed settings values for each listed item for the selected **Print Target**.

## Color Adjustment Sheet: Color

If the color tone as printed is not as you expected, you can adjust it on the **Color Adjustment** sheet.



Note

- To display the **Color Adjustment** sheet, on the **Main** sheet, click **Color Settings** by **Color Mode** in **Advanced Settings**. (See "Main Sheet .") →P.154

- **A Sample Type**

Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.

- **B View Color Pattern**

Select this checkbox to display the color pattern.

- **C Apply to Sample**

Select this checkbox to apply the changed settings to the sample image.

- **D Cyan/E Magenta/F Yellow**

Fine-tune color tones by adjusting the levels of each color.

- **G Gray Tone**

Adjust the color tone of grays as desired. Choose **Cool Black** (tinged with blue) or **Warm Black** (tinged with red).

- **H Brightness**

Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).

- **I Contrast**

Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.

- **J Saturation**

Adjust the color intensity as desired. Increasing the **Saturation** setting makes colors more vivid, and reducing the **Saturation** makes colors more subdued.

- **K Object Adjustment**

Select this option to display the **Object Adjustment** dialog box, in which you can specify objects subject to color adjustment.

- **Object Adjustment Dialog box: Color** →P.161

• **S Defaults**

Click to restore all settings on the sheet to the default values.

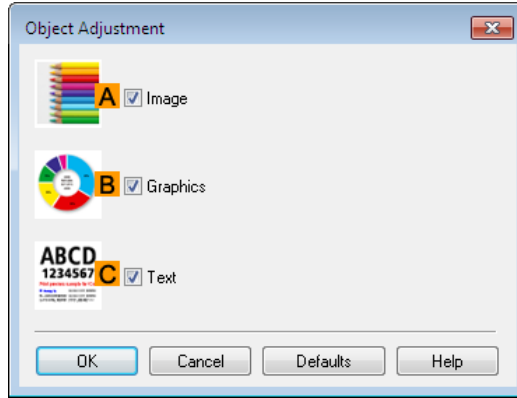


Note

- For details on settings items, see "Adjusting the Color in the Printer Driver." →P.48

## Object Adjustment Dialog box: Color

In the **Object Adjustment** dialog box, you can specify what type of print jobs to apply color adjustment to. If an original comprises images, graphics, and text, you can specify which portion to apply color adjustment to.



Note

- To display the **Object Adjustment** dialog box, click **Object Adjustment** on the **Color Adjustment** sheet.

• **A Image**

Select this option to apply color adjustment to image areas, such as photos.

• **B Graphics**

Select this option to apply color adjustment to graphics, such as lines and circles.

• **C Text**

Select this option to apply color adjustment to text.

## Matching Sheet

On the **Matching** sheet, you can specify color matching to compensate for differences in the appearance of colors on various devices.



Important

- If **No color correction** is selected under **Color Mode**, the **Matching** sheet is not displayed.

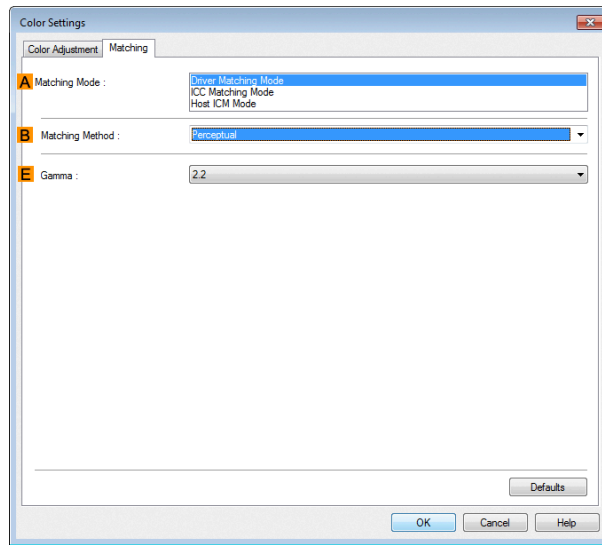


Note

- To display the **Matching** sheet, on the **Main** sheet, click **Color Settings** in **Color Mode** in **Advanced Settings**, and then click the **Matching** sheet. (See "Main Sheet .") →P.154

## Driver Matching Mode

The following options are available when you select **Driver Matching Mode** in the **A Matching Mode** list.



- A Matching Mode**

Select the color matching mode to use, as desired.

Normally, select **Driver Matching Mode**. For color matching based on ICC profiles, select **ICC Matching Mode** or **Host ICM Mode**, depending on your color matching system.

- B Matching Method**

Select the color matching method that suits the document to be printed. Various **Matching Method** options are available depending on your selection in **Matching Mode**.

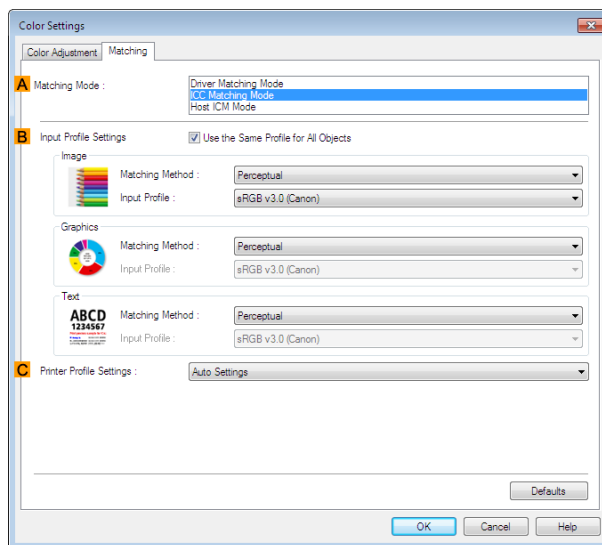
- E Gamma**

You can adjust the gradation of intermediate tones in an image.

**2.2** is normally selected. If you want a softer impression than **2.2**, select **1.8**.

## ICC Matching Mode and Host ICM Mode

The following options are available when you select **ICC Matching Mode** or **Host ICM Mode** in the **A Matching Mode** list.



- A Matching Mode**

Select the color matching mode to use, as desired.



## • B Input Profile Settings

You can select **Image**, **Graphics**, or **Text**. You can choose **Matching Method** and **Input Profile**. Various options are available depending on your selected **Matching Mode**.

To apply the same input profile automatically for **Graphics** and **Text**, select **Use the Same Profile for All Objects**. To apply separate input profiles to **Graphics** and **Text**, clear **Use the Same Profile for All Objects** and specify the individual settings.

## • C Printer Profile Settings

Specify the printer profile as desired. Normally, select **Auto Settings**.

We recommend that you select an ICC profile created using commercially available profile creation software in order to perform color management accurately on paper other than genuine Canon paper and feed confirmed paper.

The created ICC profile needs to be saved in the following folder on the computer you are using.

C:\Windows\system32\spool\drivers\color folder



Note

- C: may vary according to the user environment.

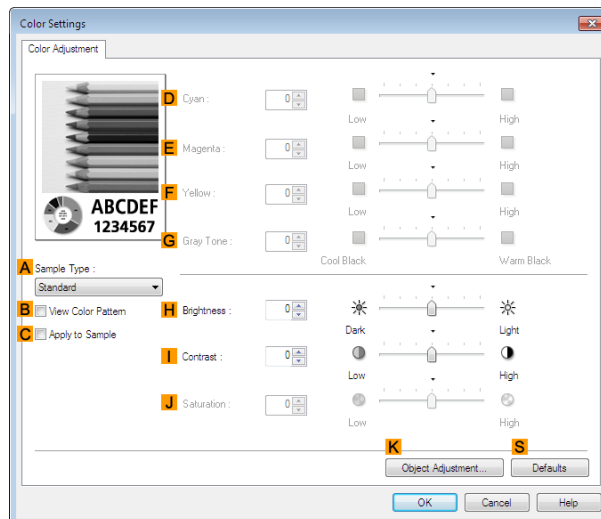


Note

- For details on settings items, see "Adjusting the Color in the Printer Driver." → P.48

## Color Adjustment Sheet: Monochrome

On the **Color Adjustment** sheet for monochrome printing, you can adjust the brightness and contrast.



Note

- To display the **Color Adjustment** sheet, on the **Main** sheet, click **Color Settings** by **Color Mode** in **Advanced Settings**. (See "Main Sheet .") → P.154

## • A Sample Type

Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.

## • B View Color Pattern

Select this checkbox to display the color pattern.

## • C Apply to Sample

Select this checkbox to apply the changed settings to the sample image.

## • D Cyan/ E Magenta/ F Yellow

Not available.

## • G Gray Tone

Not available.

• **H Brightness**

Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).

• **I Contrast**

Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.

• **J Saturation**

Not available.

• **K Object Adjustment**

Select this option to display the **Object Adjustment** dialog box, in which you can specify objects subject to color adjustment.

- Object Adjustment Dialog box: Monochrome →P.164

• **S Defaults**

Click to restore all settings on the sheet to the default values.

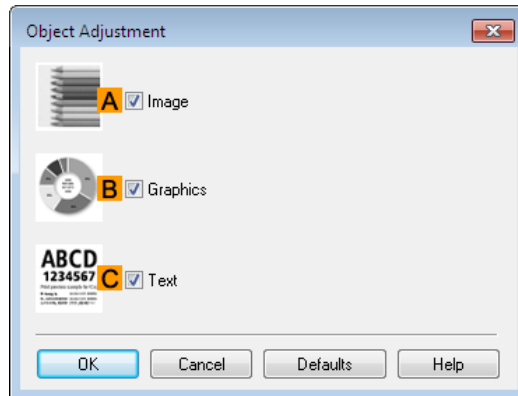


Note

- For details on settings items, see "Adjusting the Color in the Printer Driver." →P.48

## Object Adjustment Dialog box: Monochrome

In the **Object Adjustment** dialog box, you can specify what type of print jobs to apply color adjustment to. If an original comprises images, graphics, and text, you can specify which portion to apply color adjustment to.



Note

- To display the **Object Adjustment** dialog box, click **Object Adjustment** on the **Color Adjustment** sheet.

• **A Image**

Select this option to apply color adjustment to image areas, such as photos.

• **B Graphics**

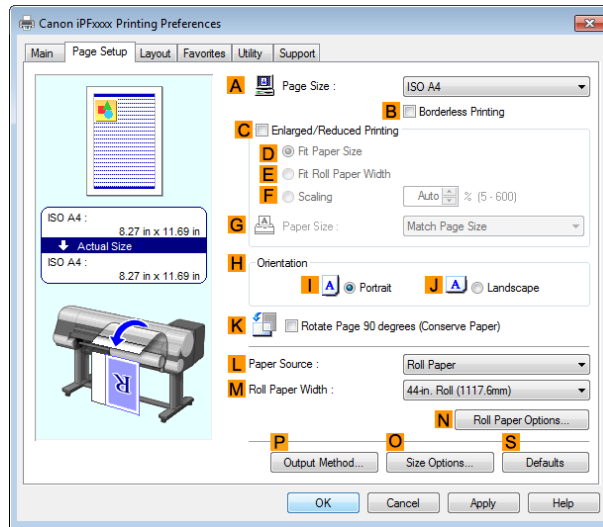
Select this option to apply color adjustment to graphics, such as lines and circles.

• **C Text**

Select this option to apply color adjustment to text.

# Page Setup Sheet

The following settings are available on the **Page Setup** sheet. For details on settings items, refer to the printer driver help file.

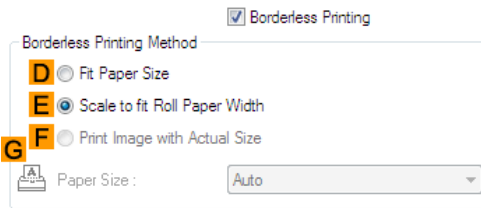


### • **A Page Size**

Select the page size as specified in the source application.

For details on available page sizes, see "Paper Sizes." →P.320

### • **B Borderless Printing**



Borderless printing is available if roll paper is selected in the **L Paper Source** list. Choose from the following options when this setting is activated.

- **Borderless Printing on Paper of Equivalent Size** →P.80
- **Borderless Printing by Resizing Originals to Fit the Roll Width** →P.83
- **Borderless Printing at Actual Size** →P.75

### • **D Fit Paper Size**

Scales the document image to match the paper size.

### • **E Scale to fit Roll Paper Width**

Scales the document image to match the roll width.

### • **F Print Image with Actual Size**

Prints documents at their actual size. This function is available when you have selected the size same as the width of **Roll Paper** for either the length or width of the document from the **A Page Size** list.

### • **G Paper Size**

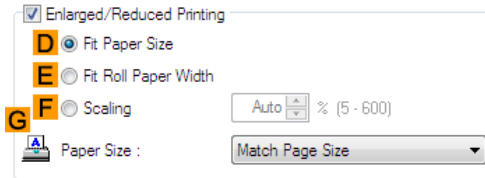
Available when **D Fit Paper Size** is selected.

Choose the size of the paper you will print on.

For details on available paper sizes, see "Paper Sizes." →P.320

Paper sizes compatible with borderless printing are shown in the list.

• **C Enlarged/Reduced Printing**



Choose from the following options when this setting is activated.

- Resizing Originals to Match the Paper Size →P.60
- Resizing Originals to Fit the Roll Width →P.62
- Resizing Originals by Entering a Scaling Value →P.66

• **D Fit Paper Size**

Scales the document image to match the paper size.

• **E Fit Roll Paper Width**

Scales the document image to match the roll width.

• **F Scaling**

Resizes the document image based on a specified scaling value. Enter a value in a range of **5–600**.

• **G Paper Size**

Choose the size of the paper you will print on.

For details on available paper sizes, see "Paper Sizes." →P.320

• **H Orientation**

Choose the printing orientation.

- Making the Original Orientation Match the Paper Orientation →P.136

• **K Rotate Page 90 degrees (Conserve Paper)**

Activate this setting to rotate the document image by 90 degrees before printing.

- Conserving Roll Paper by Rotating Originals 90 Degrees →P.125

• **L Paper Source**

Choose the feed source, as desired.

Options displayed in the list vary depending on the selection in **Media Type** on the **Main** sheet.

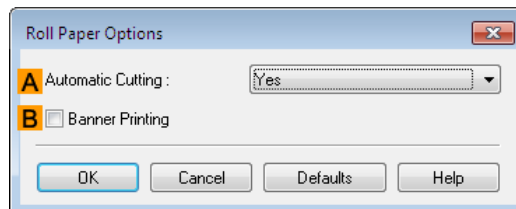
• **M Roll Paper Width**

Choose the roll width.

For details on available roll widths, see "Paper Sizes." →P.320

• **N Roll Paper Options**

Complete optional roll paper settings. Click to display the **Roll Paper Options** dialog box.



Under **A Automatic Cutting**, you can specify **Yes** or **No** and **Print Cut Guideline**.

- Cutting Roll Paper After Printing →P.140

Select **B Banner Printing** when printing multiple pages continuously.

- Printing Multiple Pages Continuously →P.106

• **P Output Method**

Click to display the **Output Method** dialog box, which enables you to complete the **Output Method** and **Name of data to be saved** settings.

- Output Method Dialog box →P.167

• **O Size Options**

Click to display the **Paper Size Options** dialog box, which enables you to register additional paper sizes or select the size system for use.

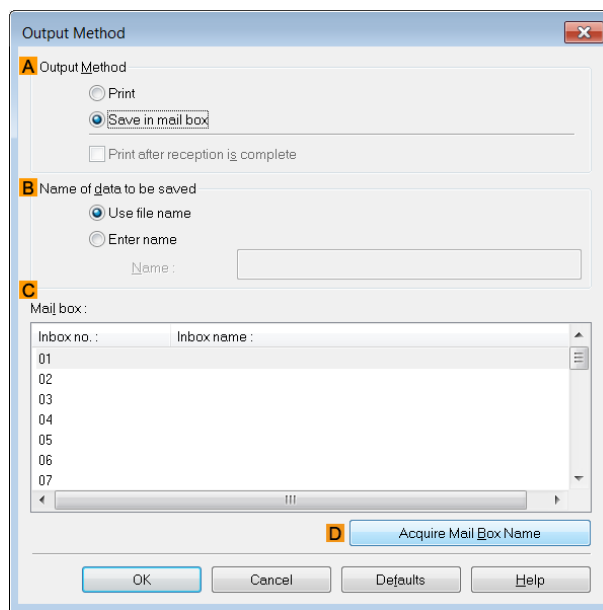
- Paper Size Options Dialog Box →P.168

• **S Defaults**

Restores all settings on the sheet to the default values.

## Output Method Dialog box

The **Output Method** dialog box allows you to select the **Output Method** and set the save settings when saving to the box.



• To display the **Output Method** dialog box, on the **Page Setup** sheet, click **Output Method**. (See "Page Setup Sheet .") →P.165

• **A Output Method**

If **Print** is selected, the print job is saved to the printer hard disk after printing has finished.

If **Save in mail box** is selected, the print job is saved to the printer hard disk. If you choose **Save in mail box**, also specify the destination personal box in the **Mail box** list.

If **Print after reception is complete** is checked, you can prevent degradation of print quality that occurs when receiving a print job is interrupted and printing is aborted in the middle.

These can be selected as **Print** options.

• **B Name of data to be saved**

To use the file name, choose **Use file name**.

Otherwise choose **Enter name** and enter a name in **Name**.

• **C Mail box**

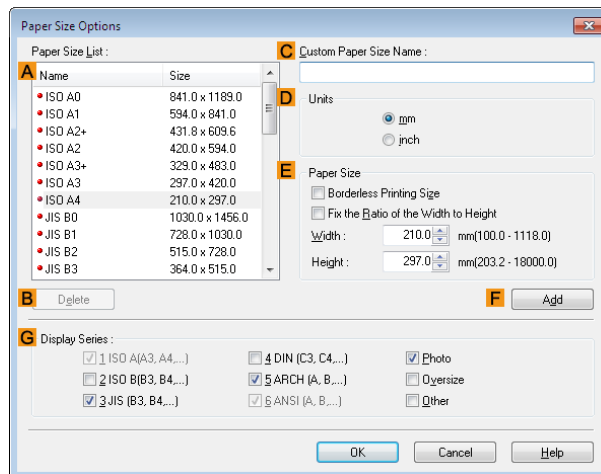
Displays a list of mail boxes. If you choose **Save in mail box**, also specify the destination personal box from the list.

• **D Acquire Mail Box Name**

When this is clicked, the box name acquired from the printer main unit is displayed in **Mail box**.

## Paper Size Options Dialog Box

In the **Paper Size Options** dialog box, you can create and register your own Custom Paper Size. The sizes you define are listed with standard paper sizes for selection later as needed.



**Important**

- You cannot create any arbitrary roll paper width as a Custom Paper Size.
- If you select a **Paper Size** from **Paper Size Options**, load paper of a size equal to or larger than the **Paper Size Options** into the printer. If the size of the loaded paper is smaller than the **Paper Size Options**, an incomplete output image may be printed.



**Note**

- To display the **Paper Size Options** dialog box, on the **Page Setup** sheet, click **Paper Size Options**. (See "Page Setup Sheet .") →P.165

### A Paper Size List

Shows the names and sizes of paper that can be used with the printer driver.

### B Delete

Custom paper sizes created by users can be deleted from the **A Paper Size List**, as needed. However, they cannot be deleted in the following situations.

- If a standard paper size of the printer driver is selected.
- If an oversized paper size is selected.
- If a paper size marked with a red circle is selected.

### C Custom Paper Size Name

You can name Custom Paper Size as desired.

### D Units

Specify the desired unit of measure for the Custom Paper Size height and width.

### E Paper Size

Specify the desired **Width** and **Height**. You can make your selection from sizes that are compatible with **Borderless Printing** by selecting **Borderless Printing Size**. To maintain the aspect ratio of the **Width** and **Height** as you resize the paper, select **Fix the Ratio of the Width to Height**.

### F Add

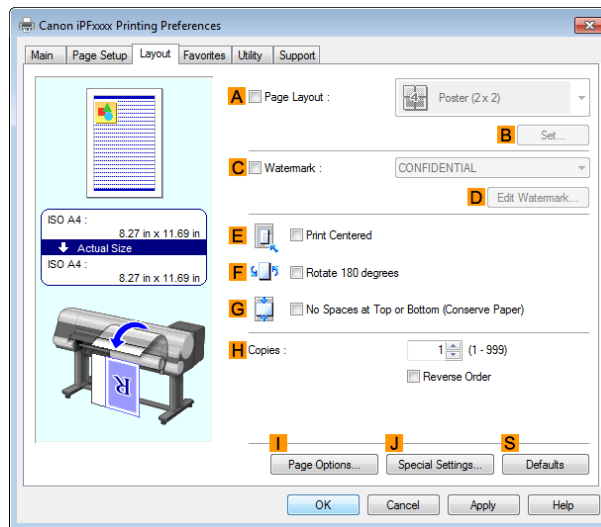
Enables you to register the custom paper size you have specified or overwrite an existing custom paper size.

### G Display Series

You can limit the number of options shown in **Page Size**, **Paper Size**, and **Paper Size List**.

## Layout Sheet

The following settings are available on the **Layout** sheet. For details on settings items, refer to the printer driver help.



### • **A Page Layout**

Activate this setting to select a particular page layout.

- **Printing Multiple Pages Per Sheet** →P.109
- **Printing Posters in Sections** →P.114
- **Printing Multiple Originals Next to Each Other** →P.102
- **Using PosterArtist to Compose Originals** →P.38

### • **B Set**

Click to display one of the following dialog boxes depending on the selection in **A Page Layout**. In these dialog boxes, you can specify layout details and which pages to print, as well as other settings.

- **Page Layout Printing**
- **Pages to Print**
- **Free Layout Settings**

### • **C Watermark**

Activating this option makes two settings available, **Watermarks** and **D Edit Watermark**.

- **Printing With Watermarks** →P.134
- **Watermarks**  
Lists the provided watermarks. Choose the watermark to print.

### • **D Edit Watermark**

Click to display the **Edit Watermark** dialog box for creating your own, original watermark.

### • **E Print Centered**

Activate this setting to print document images in the center of the paper.

- **Printing Originals Centered on Rolls** →P.116
- **Printing Originals Centered on Sheets** →P.120

### • **F Rotate 180 degrees**

Activate this option to rotate document images by 180 degrees before printing.

### • **G No Spaces at Top or Bottom (Conserve Paper)**

Activate this setting to print the next image skipping blank areas above and below printable data in documents, which enables you to conserve the paper.

- **Conserving Roll Paper by Printing Originals Without Top and Bottom Margins** →P.128

- **H Copies**

Enter the number of copies to print, in a range of **1–999**.

- **Reverse Order**

Activate this option to print pages in reverse order.

- **I Page Options**

Click to display the **Page Options** dialog box, which enables you to complete settings for printing the user name, date, or page number in the header or footer.

- **Page Options Dialog Box** →P.170

- **J Special Settings**

If the printing results are not as you expected, click this option to display the **Special Settings** dialog box and change how printing is processed.

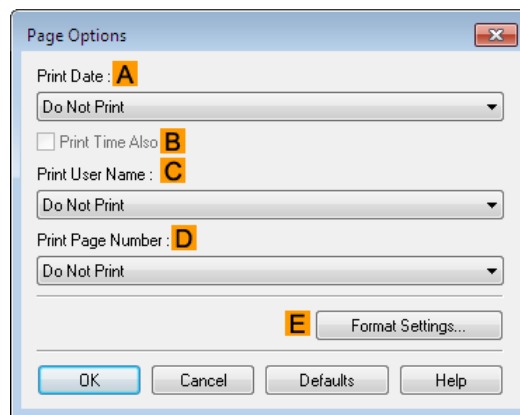
- **Special Settings Dialog Box** →P.171

- **S Defaults**

Click to restore all settings on the sheet to the default values.

## Page Options Dialog Box

The **Page Options** dialog box offers the following settings.



Note

- To display the **Page Options** dialog box, on the **Layout** sheet, click **Page Options**. (See "Layout Sheet .") →P.169

- **A Print Date**

Select where the date is printed, as desired. To print the time as well, select **B Print Time Also**.

- **C Print User Name**

Select where the user name is printed, as desired.

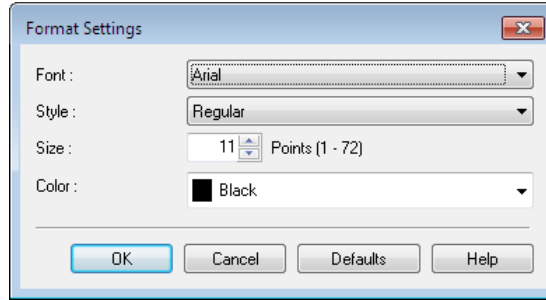
- **D Print Page Number**

Select where the page number is printed, as desired.



• **E Format Settings**

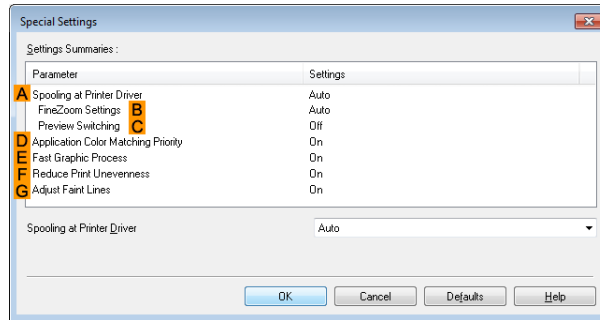
Click to display the **Format Settings** dialog box, which enables you to complete format-related settings.



- If you specify the same position for multiple items, the items are printed from left to right in this order: date, user name, and page number.
- When you print multiple pages per sheet using **Page Layout Printing** or similar functions, these items will be printed for each page.

**Special Settings Dialog Box**

If the printing results are not as you expected, you can change how printing is processed in the **Special Settings** dialog box.



- To display the **Special Settings** dialog box, on the **Layout** sheet, click **Special Settings**. (See "Layout Sheet .") →P.169
- Click the processing method for **Parameter** within the **Settings Summaries** frame to display a list of the setting details under the frame.

• **A Spooling at Printer Driver**

Sets whether or not print jobs are spooled in the printer driver and processed by PageComposer. Printing results may be improved in some cases by setting this to **No** or **No (EMF Spooling)**.



- When set to **No** or **No (EMF Spooling)**, functions such as **Page Layout**, **Watermark**, **Reverse Order**, **Page Options**, **FineZoom Settings**, and **Preview Switching** can no longer be used.

• **B FineZoom Settings**

This function is used in large-format printing. If it is set to **Yes**, problems in the printing may be improved. If it is set to **No**, image distortions such as fine lines disappearing may be improved.

• **C Preview Switching**

When this setting is turned on, PageComposer starts when printing is performed with the **Open Preview When Print Job Starts** check box selected in the **Main** sheet.

• **D Application Color Matching Priority**

When this is on, you can give applications priority in color management.

- **E Fast Graphic Process**

Turning this setting on may help produce the expected results if image colors are inconsistent in printed documents or if lines are printed in varying thicknesses.



Note

- This function cannot be used on 64-bit version of Windows.

- **F Reduce Print Unevenness**

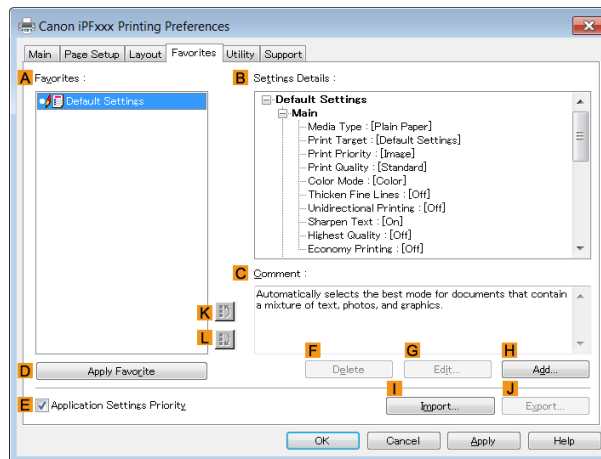
If you want to reduce unevenness of the printed image, turn this on to improve the print result. However, printing may take longer for some images.

- **G Adjust faint lines**

Turn this off to obtain expected results when fine lines have been printed in a color different from other diagrams and illustrations. However, lines in some colors may appear broken.

## Favorites Sheet

The following settings are available on the **Favorites** sheet. For details on settings items, refer to the printer driver help.



- **A Favorites**

Printing favorites you have created are listed with **Default Settings** favorites.

- Using Favorites → P.140

- **B Settings Details**

Displays details of the favorite selected in the **A Favorites**.

- **C Comment**

Displays notes registered in the favorite.

- **D Apply Favorite**

Click to change the current print settings to those of the favorite selected in the **A Favorites**.

- **E Application Settings Priority**

Activate this setting to use settings values specified in the source application in preference to favorite settings selected in the **A Favorites**, when clicking **D Apply Favorite**. For details on the settings items used in preference, refer to the printer driver help.

- **F Delete**

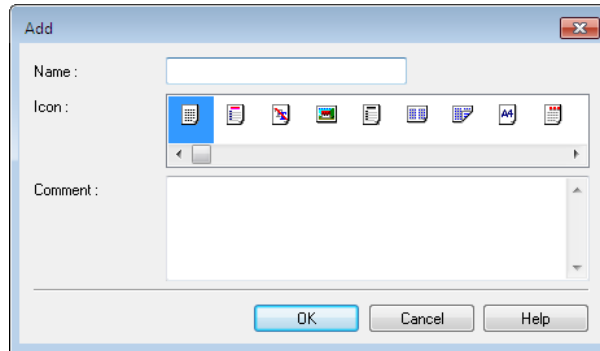
Click to delete the selected favorite from the **A Favorites** list.

- **G Edit**

Click to display the **Edit** dialog box, which enables you to change the name and icon for the favorite selected in the **A Favorites** list.

- **H Add**

Click to display the **Add** dialog box, which enables you to add the current print settings as a favorite.



- **I Import**

Click to display the **Open** dialog box, which enables you to import favorite settings saved as a file.

- **J Export**

Click to display the **Save As** dialog box, which enables you to save the favorite settings as a file.

- **K Up**

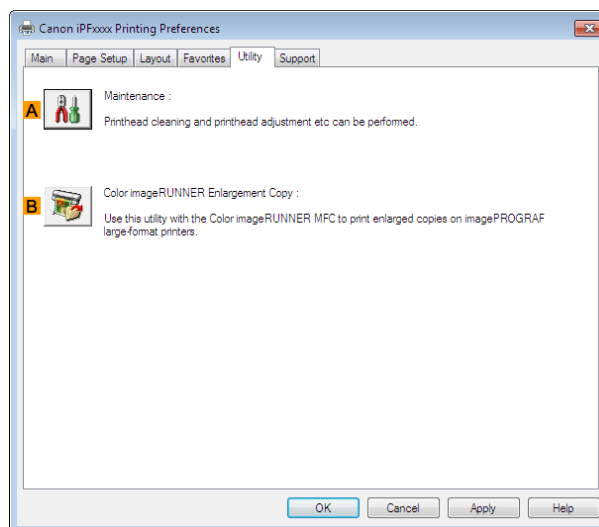
Click to move the selected favorite up in the **A Favorites** list.

- **L Down**

Click to move the selected favorite down in the **A Favorites** list.

## Utility Sheet

The following items can be executed on the **Utility** sheet. For details on the utilities, refer to the relevant utility help.



- **A Maintenance**

Click to start the **imagePROGRAF Status Monitor**, which offers the following maintenance for the printer.

- Nozzle (ink ejecting outlet) check
- Nozzle (ink ejecting outlet) cleaning
- Head alignment adjustment
- Feed amount adjustment

- **B Color imageRUNNER Enlargement Copy**

Click to launch **Color imageRUNNER Enlargement Copy** (iR enlargement copy), which enables you to create hot folders used for **Color imageRUNNER Enlargement Copy** and assign print settings to hot folders.

- **Printing Enlargements of Scanned Originals from a Color imageRUNNER** → P.216

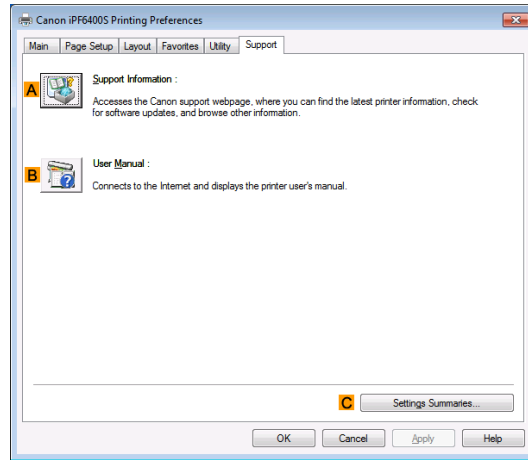
For details, see "Color imageRUNNER Enlargement Copy." → P.208



• **Color imageRUNNER Enlargement Copy** is not displayed in 64-bit editions of Windows.

## Support Sheet

On the **Support** sheet, you can view support information and the user's manual.



### • **A Support Information**

Click to access the Canon support webpage, where you can find the latest information on the printer and consumables, check for printer driver updates, and browse other information.

### • **B User Manual**

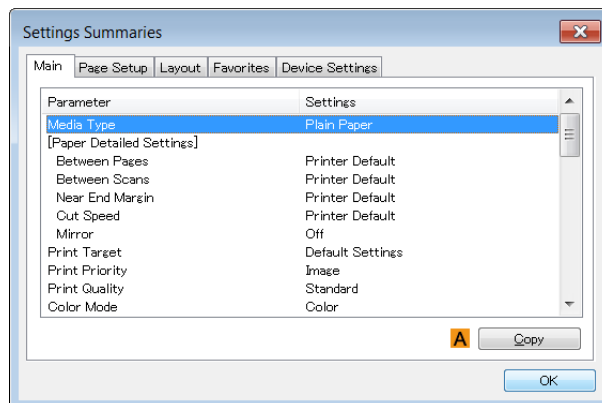
Click to connect to the Internet and display the printer user's manual.

### • **C Settings Summaries**

Click to display the **View Settings** dialog box, which enables you to confirm the settings for the **Main**, **Page Setup**, **Layout**, and **Favorites** sheets.

## Settings Summaries Dialog Box

The **Settings Summaries** dialog box enables you to confirm the settings for the **Main**, **Page Setup**, **Layout**, and **Favorites** sheets.

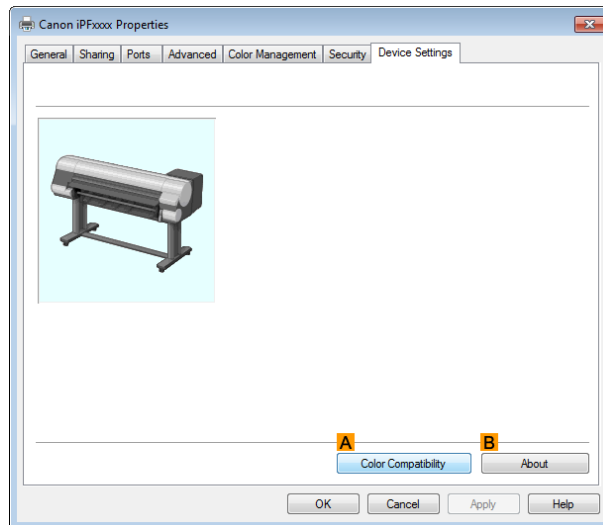


### • **A Copy**

Click to copy the settings information to the clipboard. You can paste the settings information into a file created with a text editor or similar application.

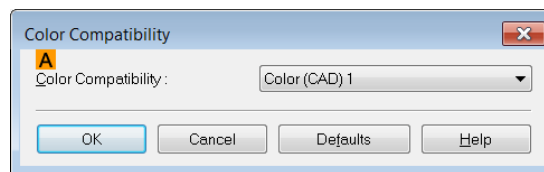
## Device Settings Sheet

Many settings items on the printer properties sheets are controlled by Windows applications. However, the **Device Settings** sheet is for configuring the printer, and it is an extension of the printer driver. The following settings are available on the **Device Settings** sheet.



- **A Color Compatibility**

Click to display the **Color Compatibility** dialog box, which enables you to adjust colors if you have selected **Color Mode > Color (CAD)**.



- For details on color settings, see "**Specifying Colors and Printing CAD Drawings.**" → P.45

- **B About**

You can display version information for the printer driver.

# Preview

- The Features of Preview ..... 176
- Starting Preview ..... 176
- Preview Main Window ..... 177
- Dialog Area ..... 179
- Enlarge/Reduce the screen display ..... 180
- Moving a Page ..... 180
- Using the ruler ..... 180
- Priority setting for rotating 90 degrees ..... 181
- Printing with Selecting the Layout ..... 182
- Print on the Center ..... 184
- Not Print Spaces at the Top/Bottom ..... 185

## The Features of Preview

The main features of Preview are as follows.

- While viewing this screen, you can adjust layout settings of a document created with application software.
- You can not only adjust layout settings but also your changes will be instantly applied on the preview screen, and you can print the preview screen as it is seen.



• The media type, image size, detailed media settings, and the printer settings can cause the actual print output to differ from the Preview settings.

## Starting Preview

Follow the procedure below to start the Preview.

**1** Start the application software which you use.

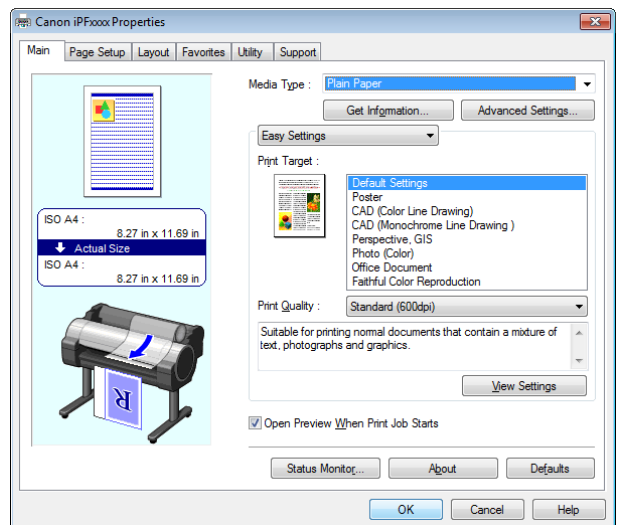
**2** From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.



• Normally, select **Print** from the **File** menu.

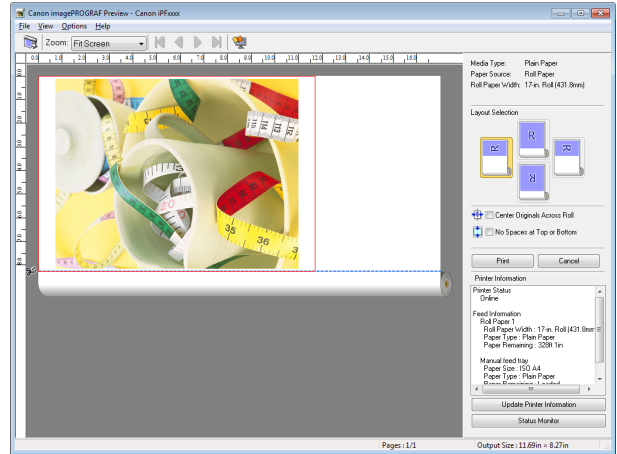
**3** On the **Main** sheet, click on the **Open Preview When Print Job Starts** check box.

Click the **OK** button to save the settings.



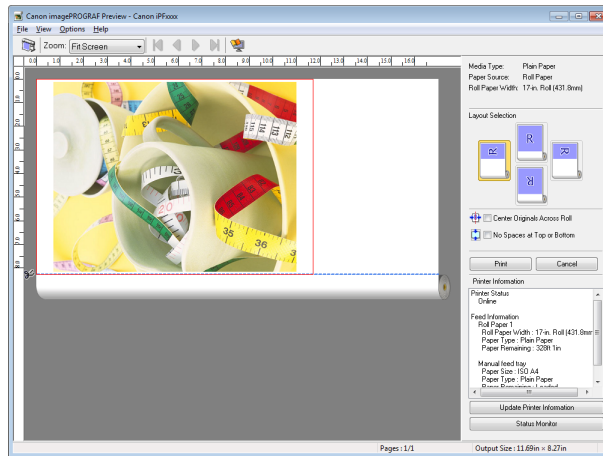
• Your printer is depicted in the lower-left area of this screen.


- 4 On the **Print** dialog box in the application software, click the **Print** button.
- 5 Preview main window is displayed.



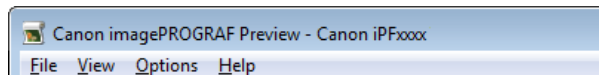
## Preview Main Window

The Preview main window consists of the menu and tool bars, preview and dialog area and status bar.

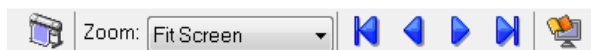


 **Note** • You can use the **View** menu to show or hide the tool bar.

- **Menu Bar**  
This allows you to select menus required for operations.

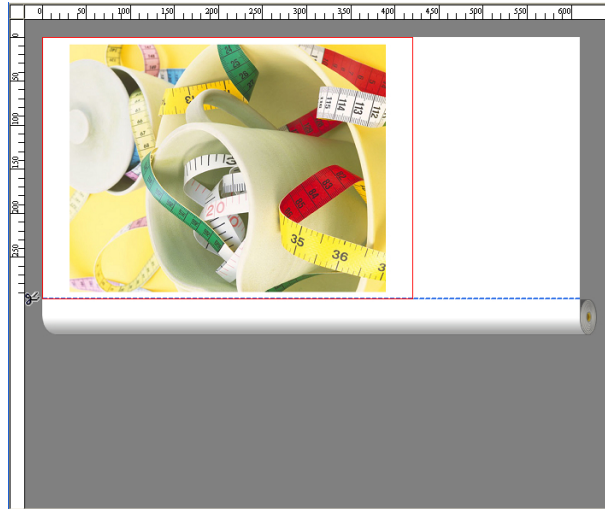


- **Tool Bar**  
This allows you to select tool buttons required for major operations.



- **Preview Area**

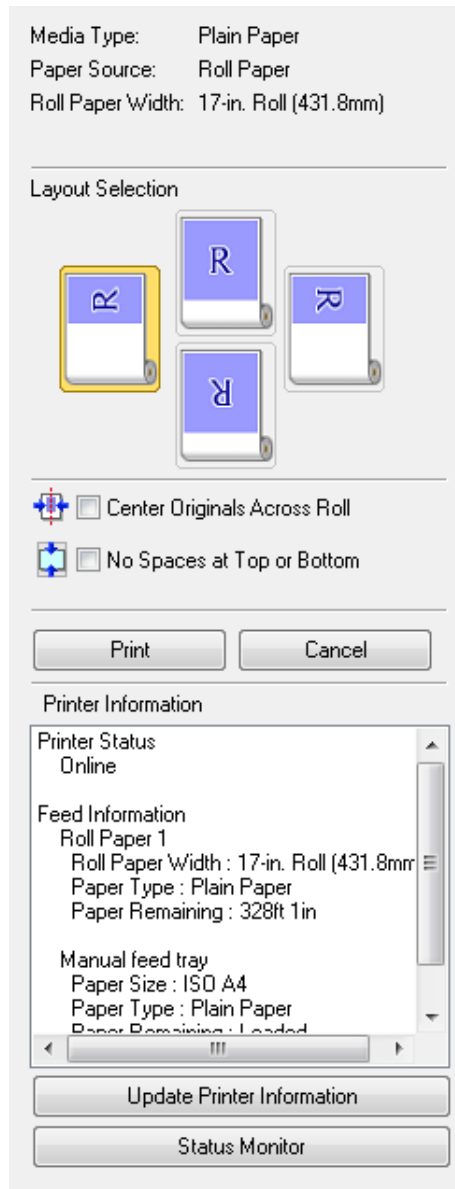
You can check the settings you made in this area.



- **Dialog Area**

This allows you to set the print conditions and perform a print job.

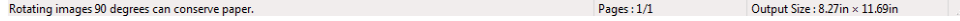
For more information about Dialog Area, see "Dialog Area." →P.179





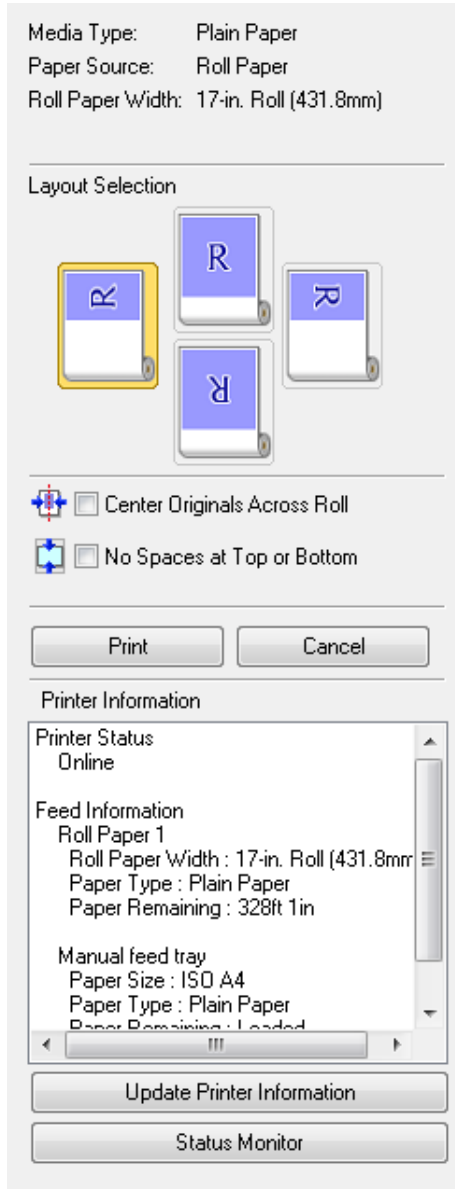
• **Status Bar**

This shows the message, **Pages** and **Output Size**.



## Dialog Area

You can select the layout and print on the center.



• **Media Type/Paper Source/Paper Size**

You can confirm the information that is set.

• **Layout Selection**

You can print which conserves paper by selecting the layout.

For more information about **Layout Selection**, see "Printing with Selecting the Layout." →P.182

• **Center Originals Across Roll**

You can print on the center of the media loaded in the printer.

For more information about **Center Originals Across Roll**, see "Print on the Center." →P.184



Note

• Available only if rolls are selected in **Paper Source**.

**No Spaces at Top or Bottom**

You can save paper on not to feed roll paper for the empty spaces when the print data contains spaces at the top or bottom.

For more information about **No Spaces at Top or Bottom**, see "Not Print Spaces at the Top/Bottom." → P.185



Note

- Available only if rolls are selected in **Paper Source**.

**Print Button**

Click the button to start printing.

**Cancel Button**

Click the button to stop printing.

**Printer Information**

You can confirm the information acquired from the printer.

**Update Printer Information Button**

Click the button to update the printer information with connecting to the printer.

**Status Monitor Button**

Click the button to start **Status Monitor**.

## Enlarge/Reduce the screen display

You can enlarge or reduce the screen display when you select **Zoom** from the **View** menu.

Setting	Details
<b>Fit Screen</b>	Display all.
<b>Fit to Width</b>	Display to the width of the paper.
<b>Reduce</b>	Display at half of the standard size.
<b>Standard</b>	Display at the standard size.
<b>Enlarge</b>	Display with the double of the standard size.
<b>Enlarge More</b>	Display with the triple of the standard size.



Note

- This item can be selected even if you have clicked the ▼ button in the toolbar **Zoom**.

## Moving a Page

You can move a page to display when you select **Go to Page** from the **View** menu.

Setting	Details
<b>First Page</b>	Go to the first page.
<b>Previous Page</b>	Go to the previous page.
<b>Next Page</b>	Go to the next page.
<b>Last Page</b>	Go to the last page.
<b>Go To Page</b>	Go to the specified page.



Note

- You can also move a page by clicking



on the tool bar.

## Using the ruler

You can confirm the layout with using the ruler.

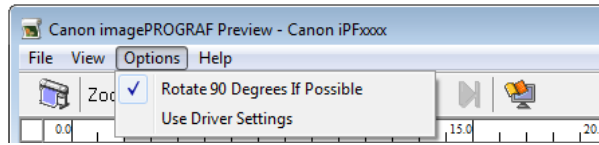
- Switching the ruler Show/Hide  
In the **View** menu, select **Ruler** to switch the ruler Show/Hide.

- Changing the ruler unit  
You can set the ruler unit when you select **Units** from the **View** menu.

Setting	Details
<b>mm</b>	Use mm as the ruler unit.
<b>inch</b>	Use inches as the ruler unit.

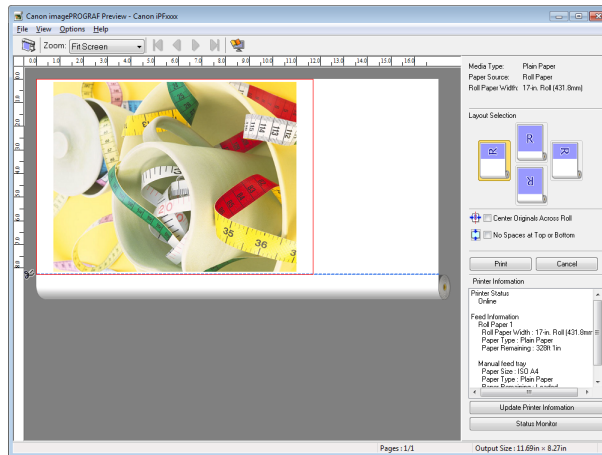
## Priority setting for rotating 90 degrees

You can select **Rotate 90 Degrees If Possible** or **Use Driver Settings** from the **Options** menu.

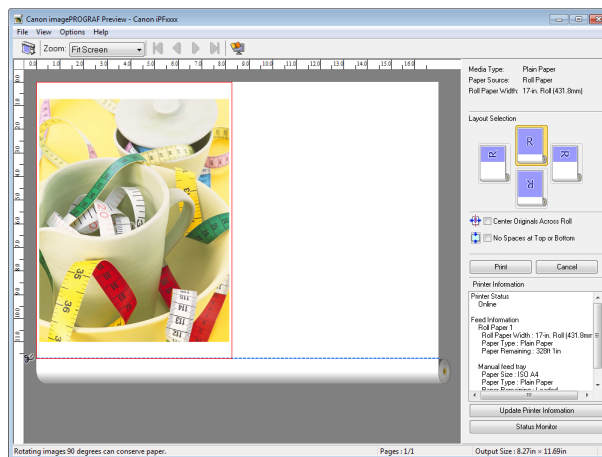


Setting	Details
<b>Rotate 90 Degrees If Possible</b>	Rotates pages in portrait orientation 90 degrees before printing. Pages are only rotated if they can fit lengthwise across the roll.
<b>Use Driver Settings</b>	Follows printer driver settings when determining whether to rotate pages.

Selecting **Rotate 90 Degrees If Possible** or Placing a checkmark for **Rotate Page 90 degrees (Conserve Paper)** on the printer driver



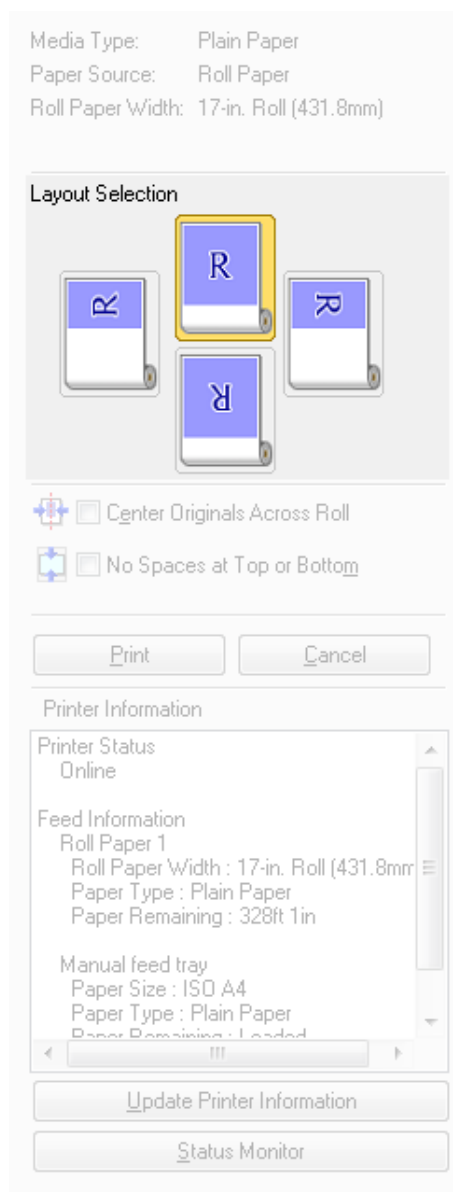
Selecting **Use Driver Settings**







## Printing with Selecting the Layout


You can print which conserves paper by selecting the layout.

**1** In **Layout Selection**, click the layout button to use.

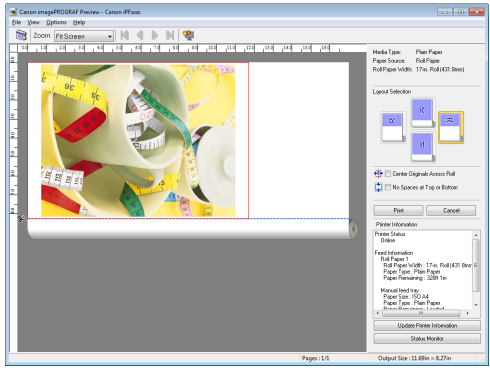





Button	Details
<b>Upper Button</b>	Turn at the position of 
<b>Right Button</b>	Turn at the position of 
<b>Left Button</b>	Turn at the position of 

Button	Details
<p><b>Lower Button</b></p>	<p>Turn at the position of </p>

 **Note**

- **Right Button** or **Left Button** can be selected only when the rotated pages can fit lengthwise across the roll.
- By clicking **Right Button** or **Left Button**, you can save paper by printing in landscape orientation on roll paper.
- You can select only **Upper Button** or **Lower Button** if **Cut Sheet** is selected.



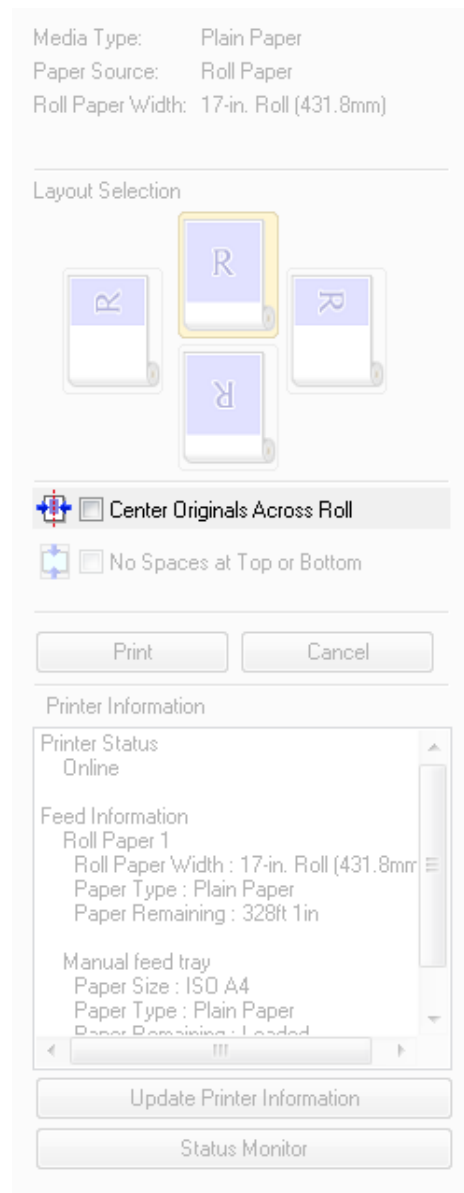
Button	Details
	<p>The button is selected currently.</p>
	<p>The button can be selected.</p>
	<p>The button can not be selected.</p>

- 2** Click the **Print** button.  
Printing on the selected layout begins.

## Print on the Center

You can print on the center of the media loaded in the printer.

- 1 Click the **Center Originals Across Roll** check box on.



- 2 Click the **Print** button.

Printing on the center begins.



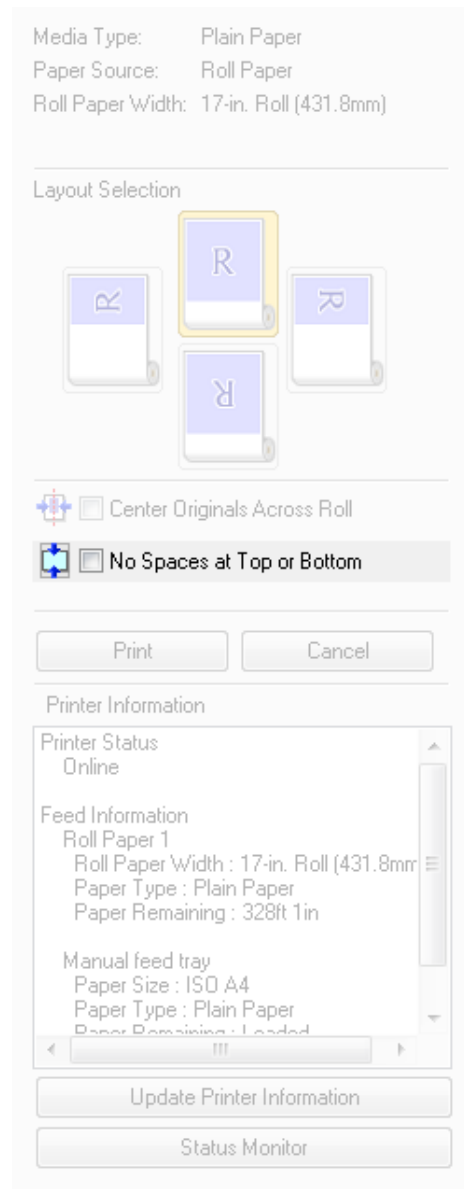
Note

- Available only if rolls are selected in **Paper Source**.

## Not Print Spaces at the Top/Bottom

You can save paper on not to feed roll paper for the empty spaces when the print data contains spaces at the top or bottom.

- 1 Click the **No Spaces at Top or Bottom** check box on.



- 2 Click the **Print** button.

Printing on the settings with no spaces at top or bottom begins.

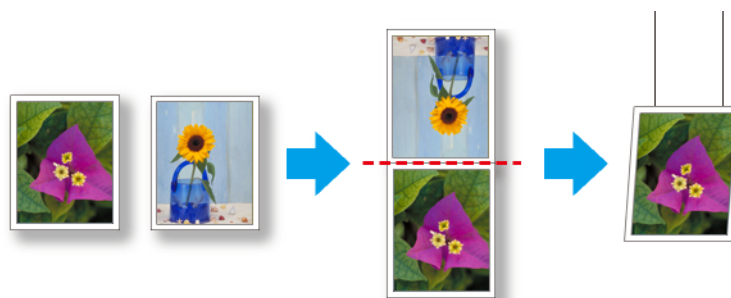
# Free Layout

The Features of Free Layout .....	186
Starting Free Layout .....	186
Free Layout Main Window .....	188
Detailed Settings .....	189
Preferences Dialog Box .....	190
Page Options Dialog Box .....	191
Zoom Dialog Box .....	192
Format Dialog Box .....	192
Laying out a Multiple-File Document on One Page .....	194
Laying out a Document Created with Multiple Application Programs on One Page .....	196
Selecting an Object .....	198
Changing the Object Size .....	198
Moving an Object .....	199
Rotating an Object .....	199
Laying out Objects Automatically .....	200
Aligning Objects .....	200
Changing the Object Overlapping Order .....	202
Pasting a Copied or Cut Object .....	203
Folded Duplex Window .....	204
Finished Size Settings Dialog Box .....	205
Binding Settings Dialog Box .....	206
Prints using Folded Duplex .....	207

## The Features of Free Layout

The main features of Free Layout are as follows.

- Allows you to lay out at will and print a document created with application software.
- You can not only lay out multiple pages on one page but also lay out and print a multiple-file document on one page, or lay out and print a document created with multiple application programs on one page.
- Any two pages can be arranged and printed in a layout that becomes duplex on folding. This can be used such as for advertising posters that are suspended from the ceiling.



• The media type, image size, detailed media settings, and the printer settings can cause the actual print output to differ from the Free Layout settings.

## Starting Free Layout

Follow the procedure below to start the Free Layout.

- 1** Start the application software which you use.

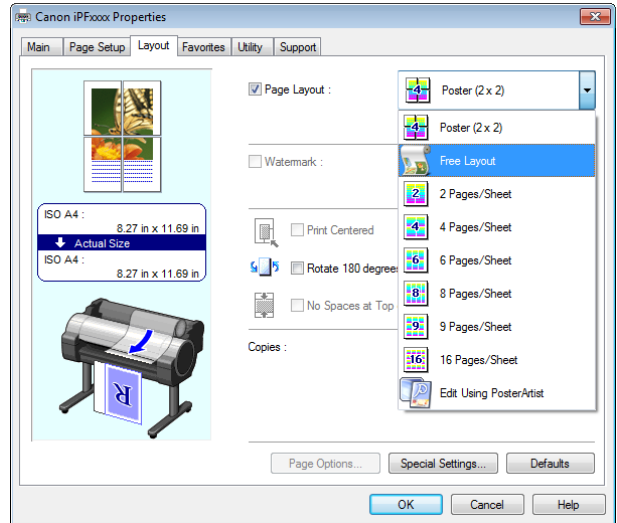


**2** From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.



• Normally, select **Print** from the **File** menu.

**3** From the list, select the printer and select the **Layout** sheet.



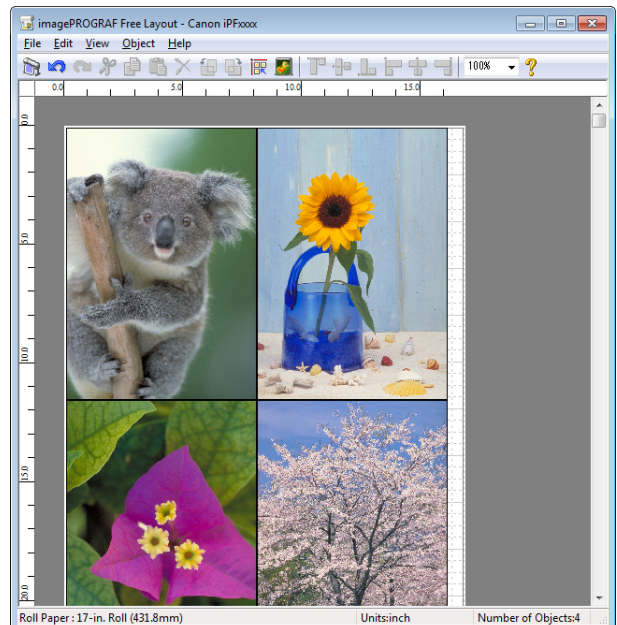
• Your printer is depicted in the lower-left area of this screen.

**4** In the **Layout** sheet, click on the **Page Layout** check box and select **Free Layout** from the list. Click the **OK** button to save the settings.



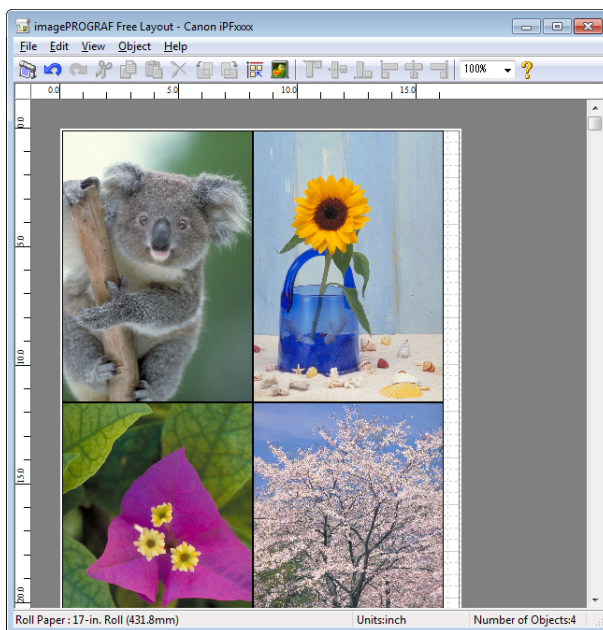
• When you select **Free Layout**, all other setting items will be disabled.

**5** On the **Print** dialog box in the application software, click the **Print** button. **Free Layout** main window is displayed.



## Free Layout Main Window

The Free Layout main window consists of the menu and tool bars, layout area and status bar.

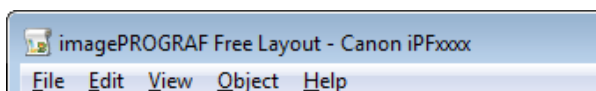


Note

- You can use the **View** menu to show or hide the tool and status bar.

### • Menu Bar

This allows you to select menus required for operations.



### • Tool Bar

This allows you to select tool buttons required for major operations.



• **Layout Area**

This allows you to lay out objects and edit the object size and orientation.



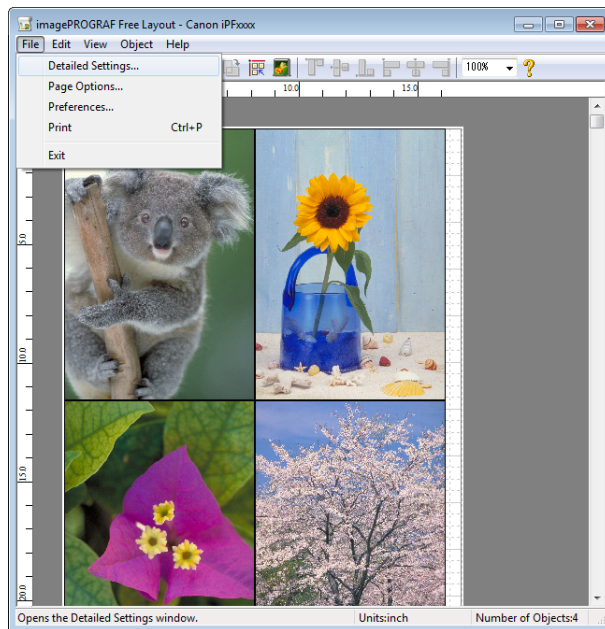
• **Status Bar**

This shows the paper size, unit of length, and number of objects.



## Detailed Settings

The printer driver opens when you select **Detailed Settings** from the **File** menu. The printer driver is used to configure basic settings to match the type of media loaded in the printer.



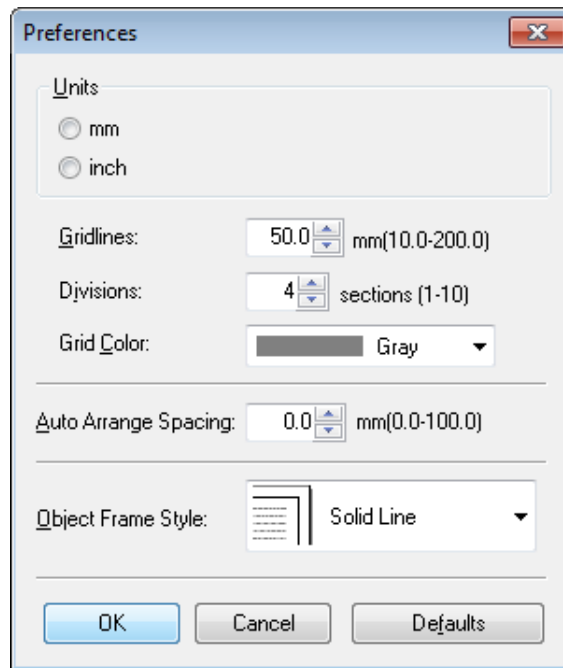
Refer to "Printer Driver" →P.146 for details on the printer driver.



- When you select the **Detailed Settings**, the only three sheets displayed are the **Main** sheet, the **Page Setup** sheet, and the **Layout** sheet. Some of the printer driver settings may be disabled.

## Preferences Dialog Box

This dialog box appears when you select **Preferences** from the **File** menu. This allows you to configure the preferences of Free Layout.



### • Units

Set the unit for paper length, margins, and so on.

### • Gridlines

You can input a grid line width value in numerical characters so that they serve as a guide to laying out objects.



Note

- You can input between 10.0 and 200.0(mm) (between 0.39 and 7.88(inch)).
- You can change the numbers by clicking either ▲ button or ▼ button.

### • Divisions

You can change the number of divisions of grid lines so that they serve as a guide to laying out objects.



Note

- You can input between 1 and 10.
- You can change the numbers by clicking either ▲ button or ▼ button.

### • Grid Color

Select the grid line color.

### • Auto Arrange Spacing

Change the object-to-object spacing to be applied in the operation of laying out objects automatically.



Note

- You can input between 0.0 and 100.0(mm) (between 0.00 and 3.94(inch)).
- You can change the numbers by clicking either ▲ button or ▼ button.

### • Object Frame Style

You can select the object frame style for printing.

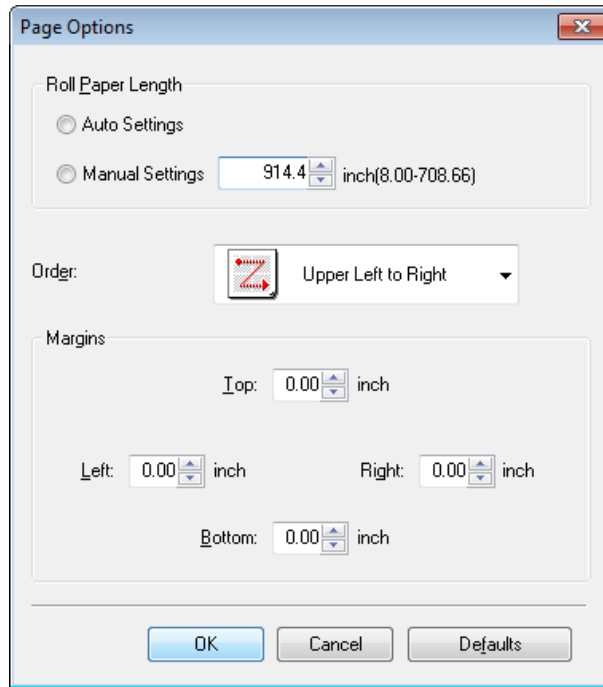
The following settings are available for the object frame style.

Setting	Details
None	You can print with no frame style.
Solid Line	You can print the solid line as the frame style.
Dotted Line	You can print the dotted line as the frame style.
Dashed Line	You can print the dashed line as the frame style.

Setting	Details
<b>Crop Marks</b>	You can print with the crop marks.

## Page Options Dialog Box


This dialog box appears when you select **Page Options** from the **File** menu. This allows you to configure the roll paper length, object layout order, and margins of Free Layout.



### • Roll Paper Length

Set the length of one page to print on roll paper.  
The following settings are available for roll paper length.

Setting	Details
<b>Auto Settings</b>	The one-page length to be printed on roll paper is automatically set so that the laid-out objects are printed on one page.
<b>Manual Settings</b>	You can input the length of one page to print on roll paper in numerical characters.


 **Note**

- Available only if rolls are selected in **Paper Source**.
- You can input between 203.2 and 18000.0(mm) (between 8.00 and 708.66(inch)).
- You can change the numbers by clicking either ▲ button or ▼ button.

### • Order

Set the object layout order.  
The following settings are available for order.

Setting	Details
<b>Upper Left to Right</b>	The objects are laid out from upper left to right.
<b>Upper Left to Bottom</b>	The objects are laid out from upper left to bottom.
<b>Upper Right to Left</b>	The objects are laid out from upper right to left.
<b>Lower Left to Top</b>	The objects are laid out from lower left to top.

 **Note**

- When you have selected **Roll Paper Length > Auto Settings** and **Paper Orientation > Vertical**, you can choose **Upper Left to Right** or **Upper Right to Left**.
- When you have selected **Roll Paper Length > Auto Settings** and **Paper Orientation > Horizontal**, you can choose **Upper Left to Bottom** or **Lower Left to Top**.

### • Margins

You can input the paper margins in numerical characters.

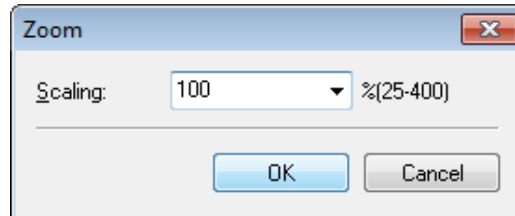


Note

- You can input between 0.0 and 50.0(mm) (between 0.00 and 1.97(inch)).
- You can change the numbers by clicking either ▲ button or ▼ button.

## Zoom Dialog Box

This dialog box appears when you select **Zoom** from the **View** menu. You can enlarge or reduce the screen display.



### • Scaling

Set the magnification for enlargement or reduction of the screen display.



Note

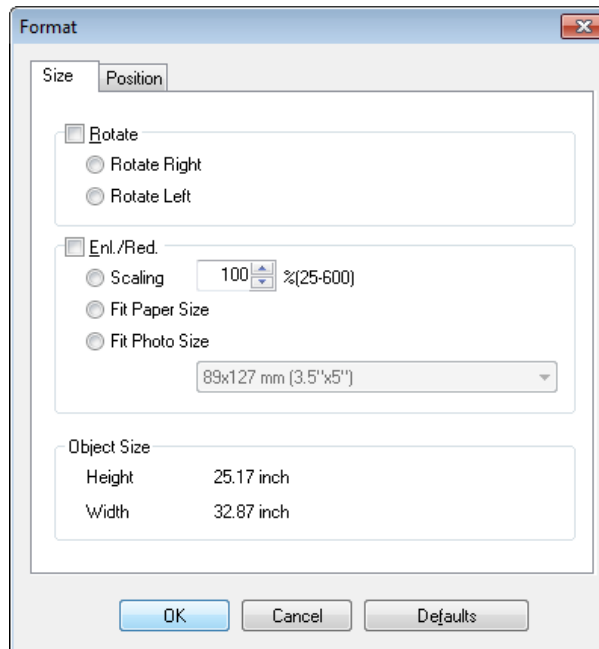
- You can input between 25 and 400.
- You can change the numbers by clicking ▼ button.

## Format Dialog Box

This dialog box appears when you select **Format** from the **Object** menu after you select an object.

### Size Sheet

You can rotate, enlarge, or reduce an object.



Note

- When the objects are not selected, you can not select **Format**.

• **Rotate**

When you place a checkmark here, you can select **Rotate Right** or **Rotate Left**.

Setting	Details
<b>Rotate Right</b>	Rotates the object 90 degrees clockwise.
<b>Rotate Left</b>	Rotates the object 90 degrees counterclockwise.



Note

- When several objects are selected, you cannot select **Rotate**.

• **Enl./Red.**

When you place a checkmark here, you can select **Scaling**, **Fit Paper Size**, or **Fit Photo Size**.

Setting	Details
<b>Scaling</b>	Allows you to input the value of the enlargement or reduction ratio of an object.
<b>Fit Paper Size</b>	Prints by enlarging or reducing each object to match the paper size. If you are using roll paper, objects are enlarged or reduced so that the width of each object matches the width of the roll paper.
<b>Fit Photo Size</b>	Prints all of the objects at the specified photo size.

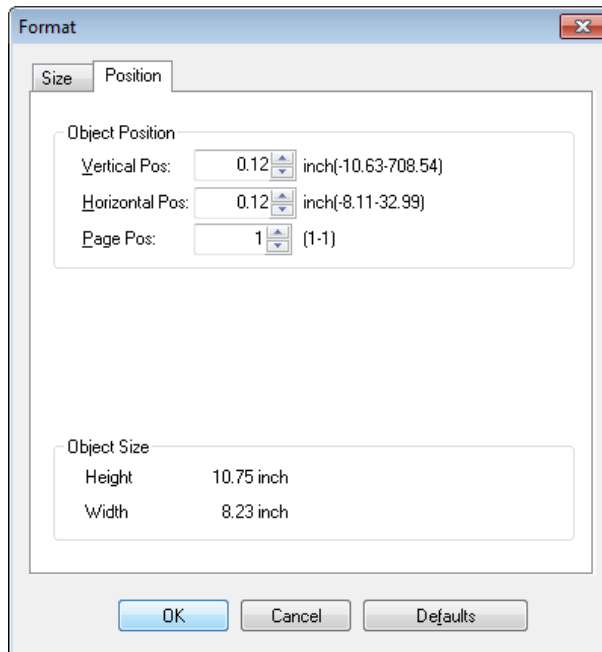


Note

- You can input between 25 and 600.
- You can change the numbers by clicking either ▲ button or ▼ button.

**Position Sheet**

You can rotate, enlarge, or reduce an object.



Note

- When the objects are not selected, you can not select **Format**.

• **Object Position**

You can move the object position by changing the values.

Setting	Details
<b>Vertical Pos</b>	You can input the number of the vertical position in numerical characters.
<b>Horizontal Pos</b>	You can input the number of the horizontal position in numerical characters.
<b>Page Pos</b>	You can input the number of the page position in numerical characters.

• **Object Size**

You can confirm the object size.



- When several objects are selected, you cannot display **Object Size**.

## Laying out a Multiple-File Document on One Page

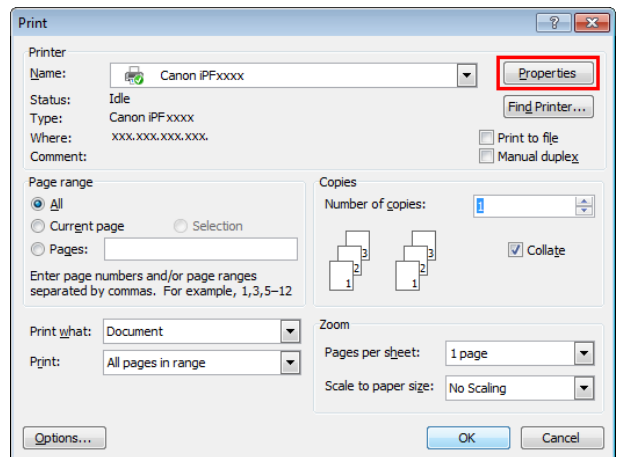
You can lay out and print a multiple-file document on one page.

- 1 From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.

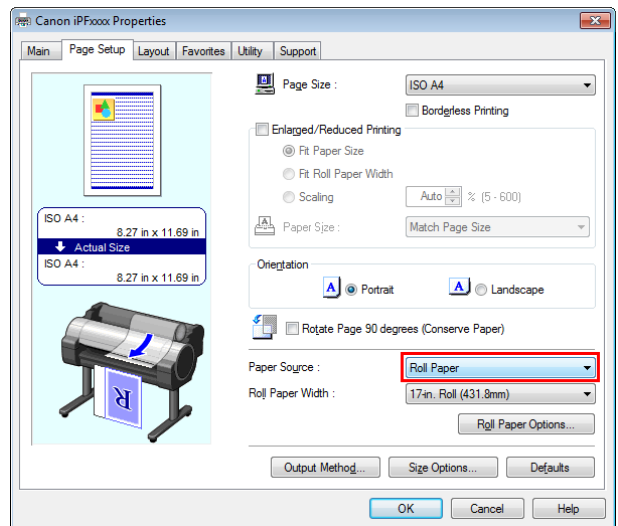


- Normally, select **Print** from the **File** menu.

- 2 Click **Properties** to open the **Properties** dialog box.



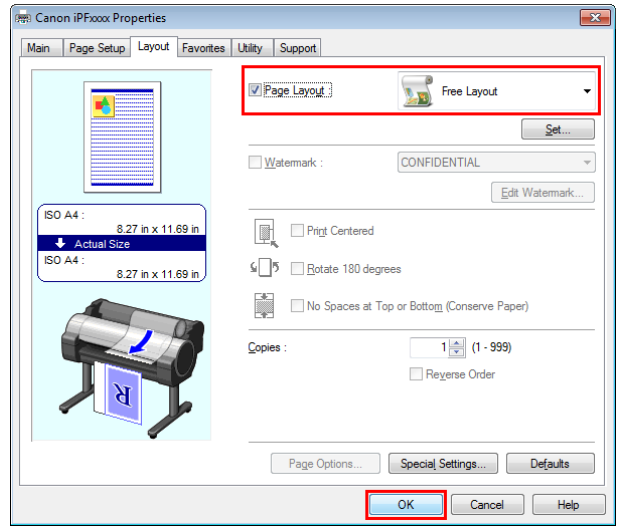
- 3 In the **Page Setup** sheet, select **Paper Source**.



- Your printer is depicted in the lower-left area of this screen.



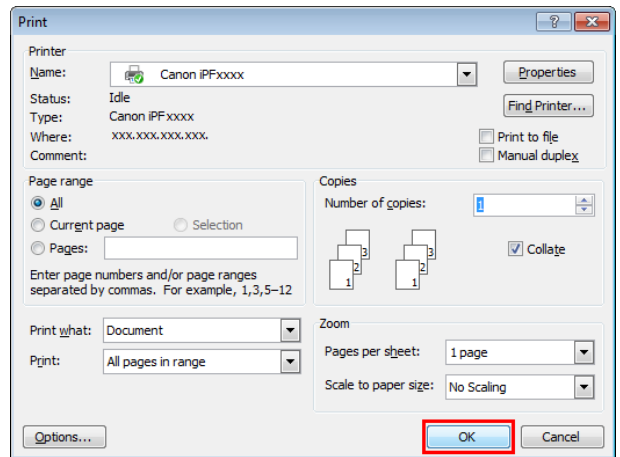
**4** In the **Layout** sheet, click on the **Page Layout** check box and select Free Layout from the list.



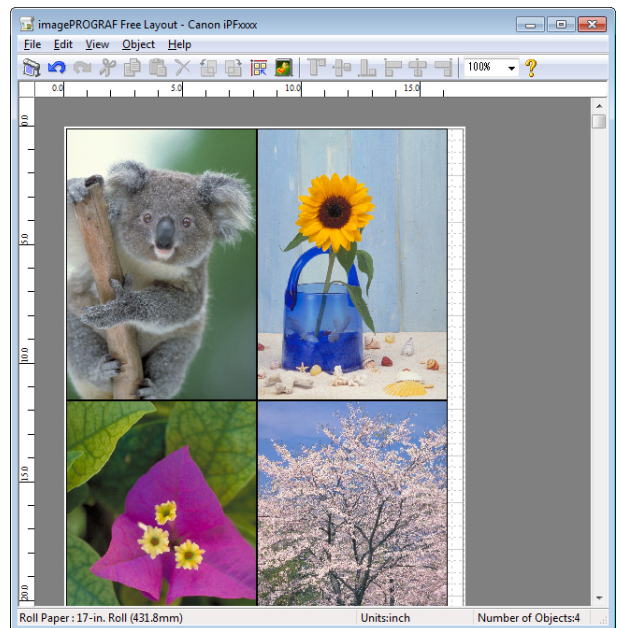
- Note**
- Your printer is depicted in the lower-left area of this screen.
  - When you select Free Layout, all other setting items will be disabled.

**5** Click the **OK** button to save the settings.

**6** In the **Print** dialog box, select the pages to print and the number of copies, and click the **OK** button.



Free Layout starts, laying out the document created with application software in the layout area as an object.



**7** Leaving Free Layout running, open other files with the application software and repeat the above steps.

## Laying out a Document Created with Multiple Application Programs on One Page

You can lay out and print a document created with multiple application programs on one page.

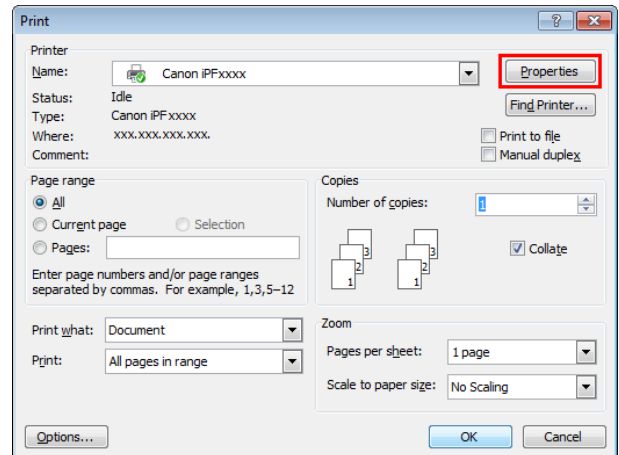
- 1 From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.



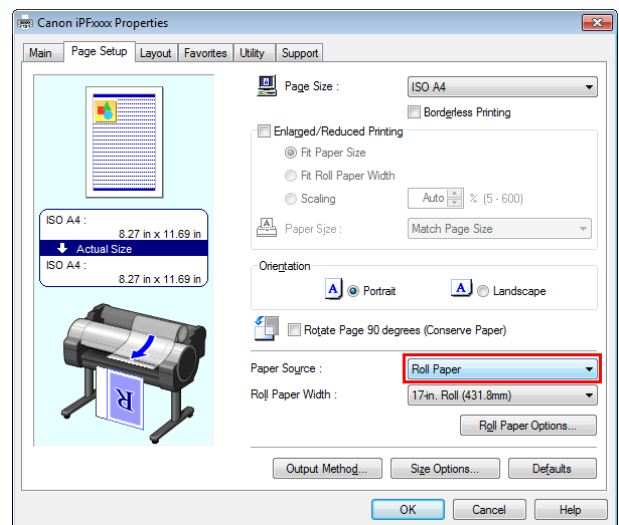
Note

- Normally, select **Print** from the **File** menu.

- 2 Click **Properties** to open the **Properties** dialog box.



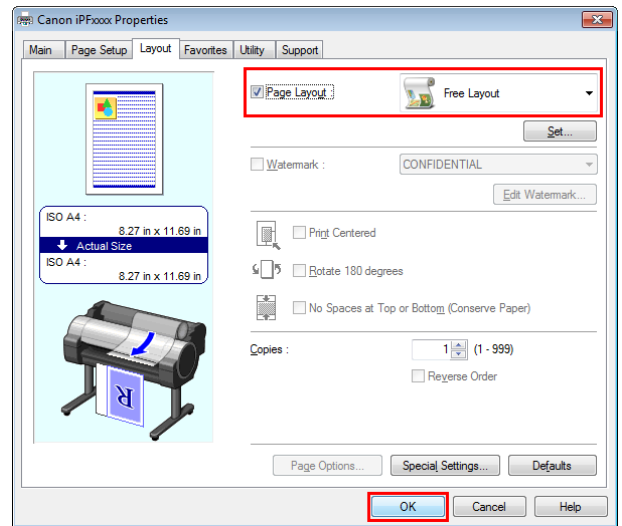
- 3 In the **Page Setup** sheet, select **Paper Source**.



Note

- Your printer is depicted in the lower-left area of this screen.

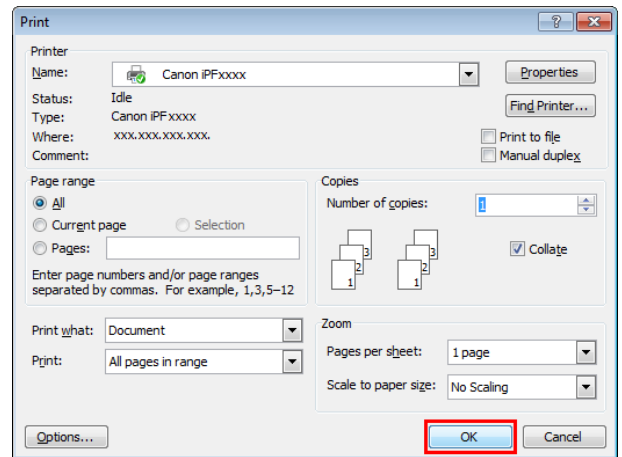
**4** In the **Layout** sheet, click on the **Page Layout** check box and select Free Layout from the list.



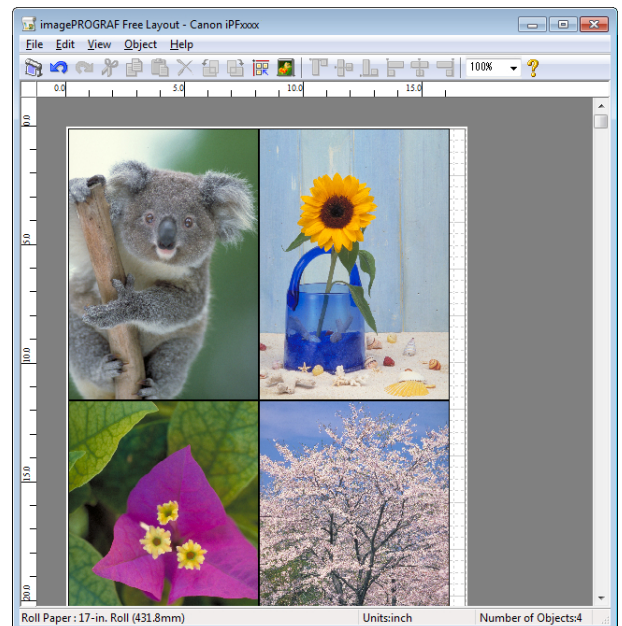
- Your printer is depicted in the lower-left area of this screen.
- When you select Free Layout, all other setting items will be disabled.

**5** Click the **OK** button to save the settings.

**6** In the **Print** dialog box, select the pages to print and the number of copies, and click the **OK** button.



Free Layout starts, laying out the document created with application software in the layout area as an object.



**7** Leaving Free Layout running, open other files with other application software and repeat the above steps.

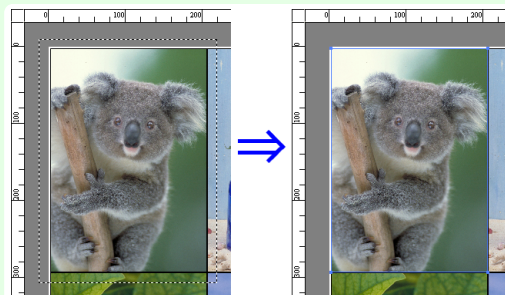
## Selecting an Object

When an object is selected, a select box (blue border) appears around the object.



Note

- To select an object, click that object.
- To select multiple successive objects, click them while holding down the Shift key.
- To select multiple arbitrary objects, click them while holding down the Ctrl key.
- To select all objects, select **Select All** from the **Edit** menu.
- When you specify the area with dragging the mouse, the object in the area is selected.



## Changing the Object Size

You can change the object size by means of mouse operation or by specifying a scaling value.



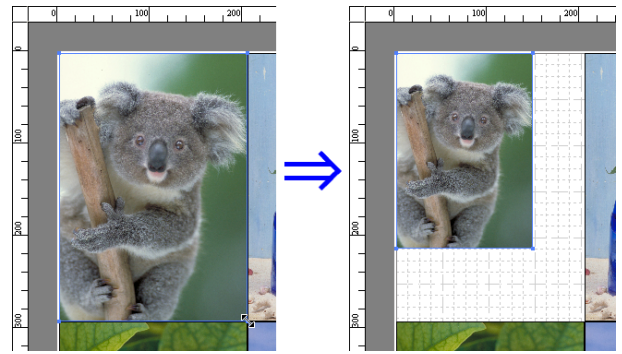
Note

- The vertical-to-horizontal ratio remains unchanged when the object is enlarged or reduced.

### Resizing by means of mouse operation

- 1 Select an object.

- 2 Place the pointer at a corner of the selection box around the object to show the arrow handle, and drag this handle to change the object size.



### Resizing by specifying a scaling value

- 1 Select an object. Click on the **Enl./Red.** checkbox in the **Format Dialog Box** →P.192 and select **Scaling**.

- 2 You either enter numbers directly.



Note

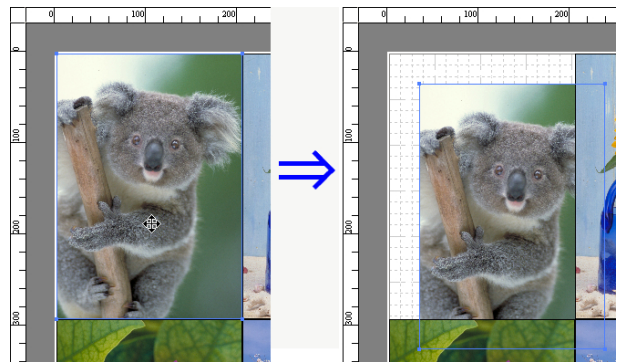
- You can input between 25 and 600.
- You can change the numbers by clicking either ▲ button or ▼ button.

- 3 Click the **OK** button.

### Moving an Object

You can move the object position.

- 1 Select an object.
- 2 Place the pointer inside the selection box of the object to show the crosshair handle, and drag it to move the object. Alternatively, you can move the **Object Position** by changing the values in **Vertical Pos**, **Horizontal Pos** and **Page Pos** in the **Format Dialog Box** →P.192 .



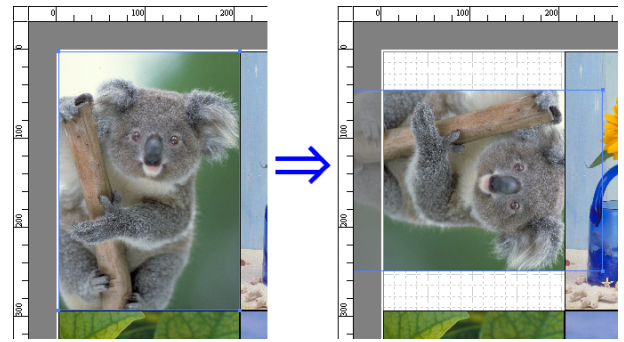
### Rotating an Object

You can rotate the object.

- 1 Select an object.

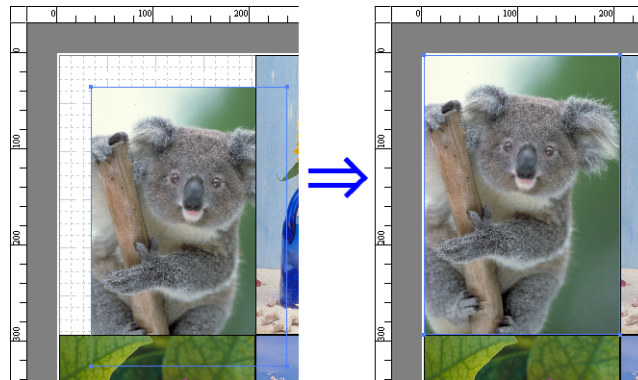


- 2** Select **Rotate Left 90 Degrees** or **Rotate Right 90 Degrees** from the toolbar. Alternatively, you may click on the **Rotate** check box in the **Format Dialog Box** → P.192 then select **Rotate Right** or **Rotate Left**, and click the **OK** button.



## Laying out Objects Automatically

Click **Auto Arrange Object** in the tool bar. This automatically lays out objects. Alternatively, you may select **Auto Arrange Object** from the **Object** menu.



Note

- The object layout order varies depending on the **Order** setting in the **Page Options Dialog Box** → P.191 dialog box.

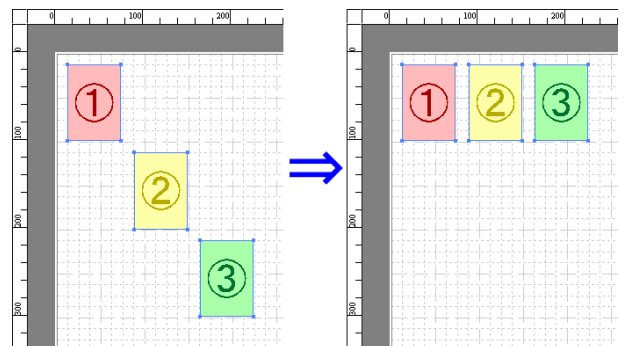
## Aligning Objects

You can align objects systematically.

- Select multiple objects.
- Click the align button from the toolbar. Alternatively, you may select the align menu from the **Object** menu.

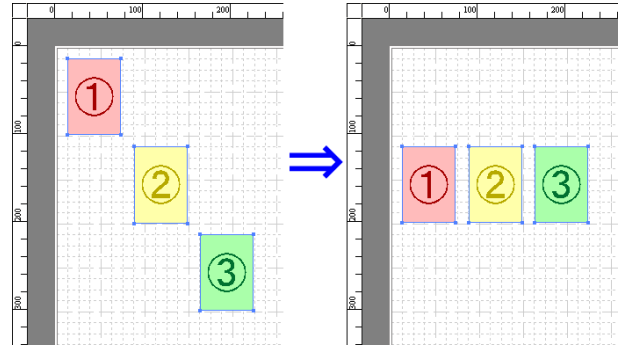
- Align Top**

Lays out the objects, justifying them to the top.



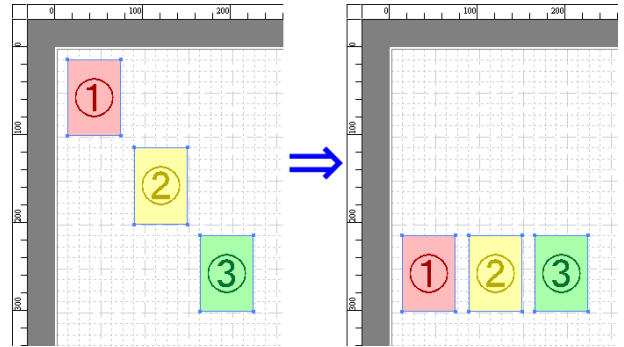
- **Center Vertically**

Lays out the objects, justifying them to the vertical center.



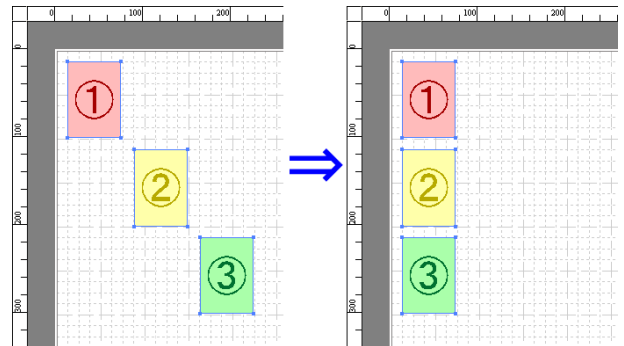
- **Align Bottom**

Lays out the objects, justifying them to the bottom.



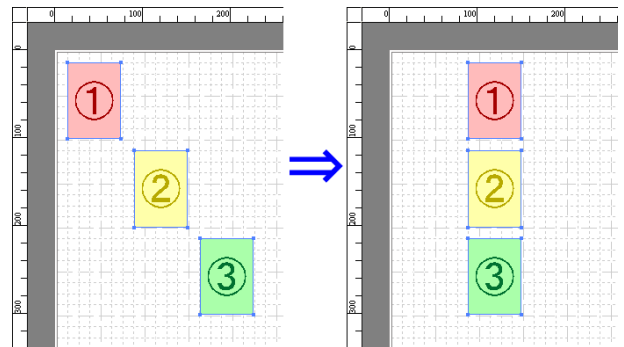
- **Align Left**

Lays out the objects, justifying them to the left.



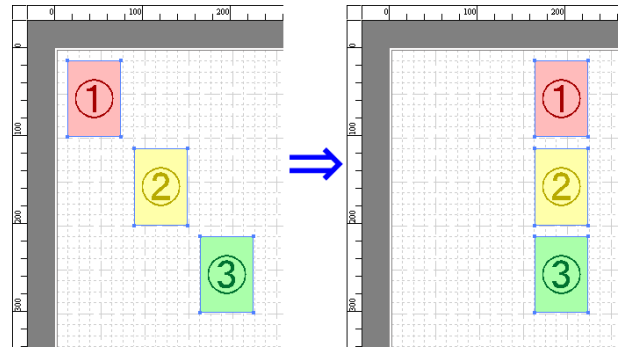
- **Center Horizontally**

Lays out the objects, justifying them to the horizontal center.



• **Align Right**

Lays out the objects, justifying them to the right.



**Changing the Object Overlapping Order**

You can change the object overlapping order.

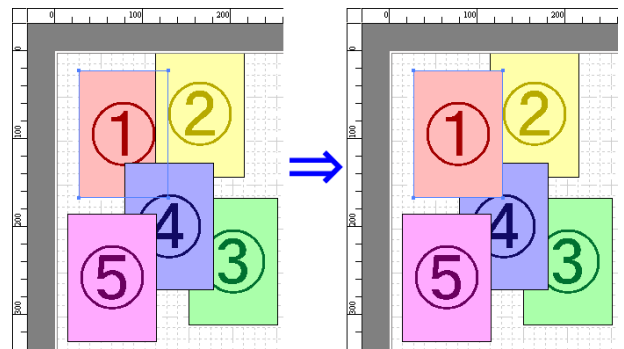
- 1 Select an object.
- 2 Select the Overlapping Order menu from the **Object** menu.



- The order of overlapping affects the order of objects automatically laid out.
- You can also select by clicking the right button of the mouse on an object.

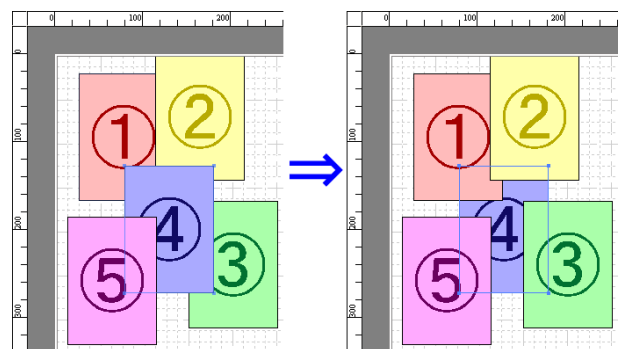
• **Bring to Front**

Moves the object to the frontmost position.



• **Send to Back**

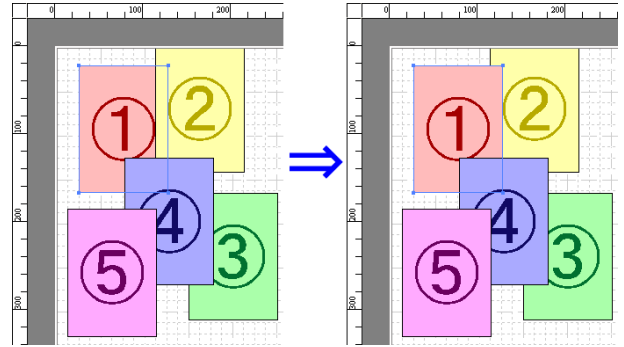
Moves the object to the backmost position.





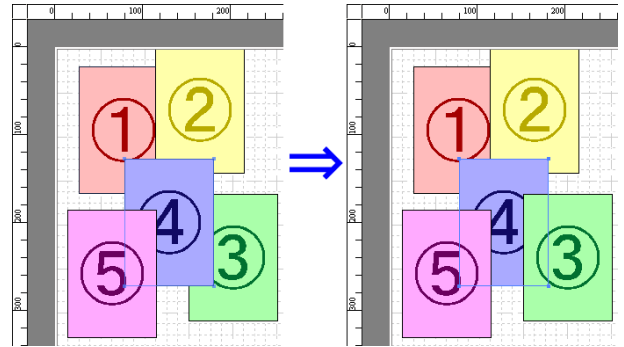
• **Bring Forward**

Moves the object one position to the front.



• **Send Backward**

Moves the object one position to the back.



**Pasting a Copied or Cut Object**

- 1** Click **Copy** or **Cut** from the toolbar.  
Alternatively, you may select **Copy** or **Cut** from the **Edit** menu.
- 2** Click **Paste** from the toolbar.  
Alternatively, you may select **Paste** from the **Edit** menu.



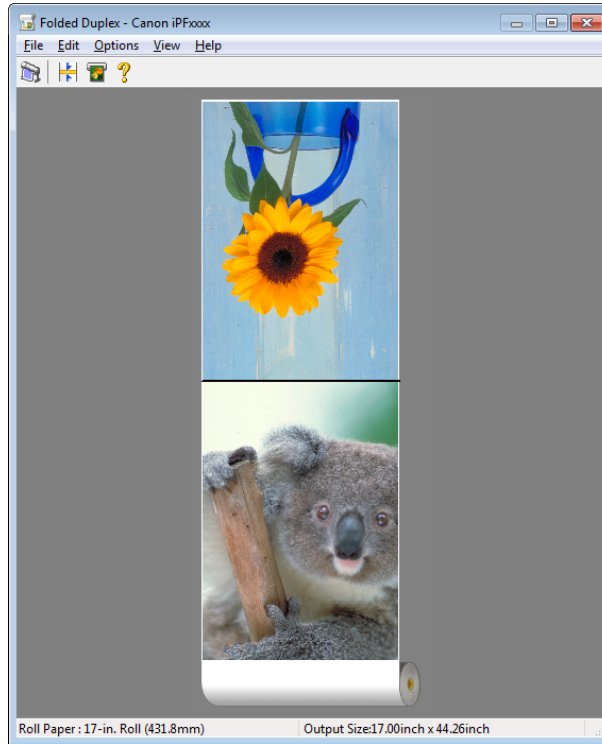
Note

- The copied or cut object is laid out at the end of the page.
- You can also select by clicking the right button of the mouse on an object.
- In order to paste an object on any position that you like, you can paste the object with **Pointed Paste** by clicking the right button of the mouse on any position that you want.

## Folded Duplex Window

This window is displayed if you select **Folded Duplex** from the **Edit** menu after selecting an object. Using the **Folded Duplex** function allows you to print with fold lines added.

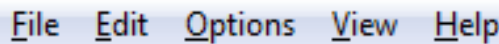
The **Folded Duplex** window consists of the menu and tool bars, layout area and status bar.



- The toolbar and status bar can be toggled between hidden and displayed from the **View** menu.

- **Menu Bar**

This allows you to select menus required for operations.



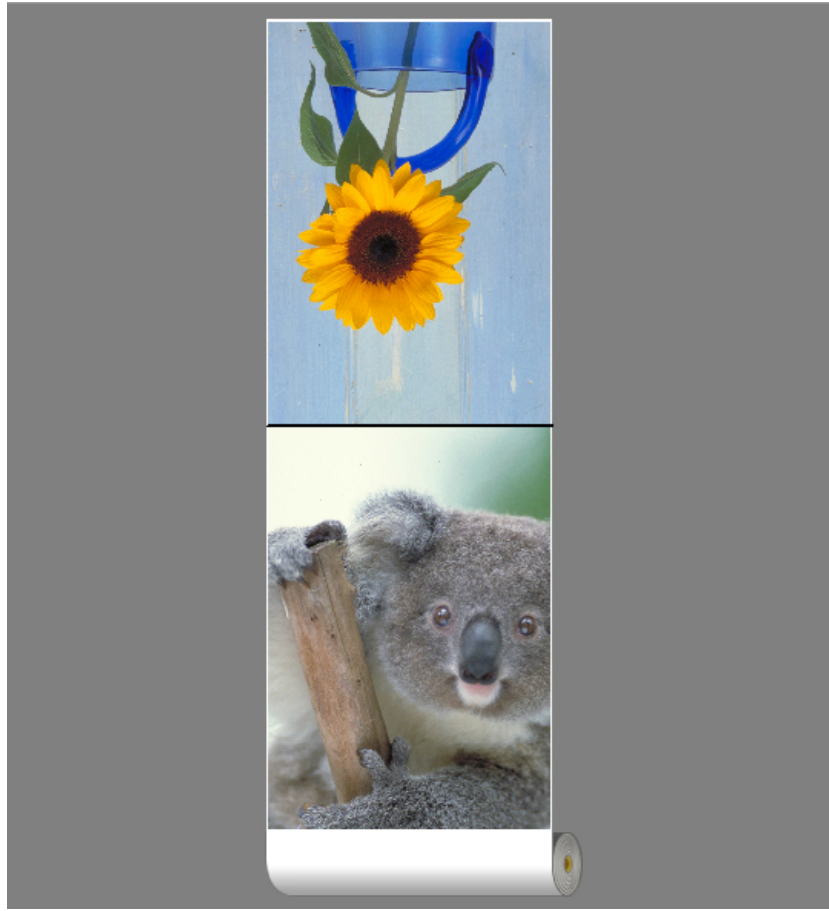
- **Tool Bar**

This allows you to select tool buttons required for major operations.



• **Layout Area**

This allows you to check the arrangement and orientation of objects.



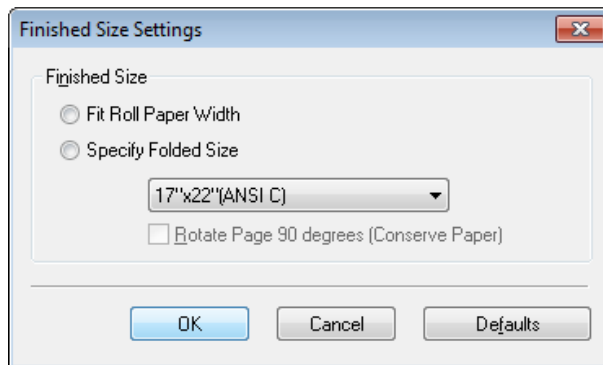
• **Status Bar**

This shows the paper source, roll paper width, and output size.

Roll Paper : 17-in. Roll (431.8mm) | Output Size: 17.00inch x 44.26inch

**Finished Size Settings Dialog Box**

This dialog box is displayed when you select **Finished Size Settings** from the **Edit** menu. This allows you to configure finished size settings.



• **Finished Size**

Selects the method for setting the finished size.

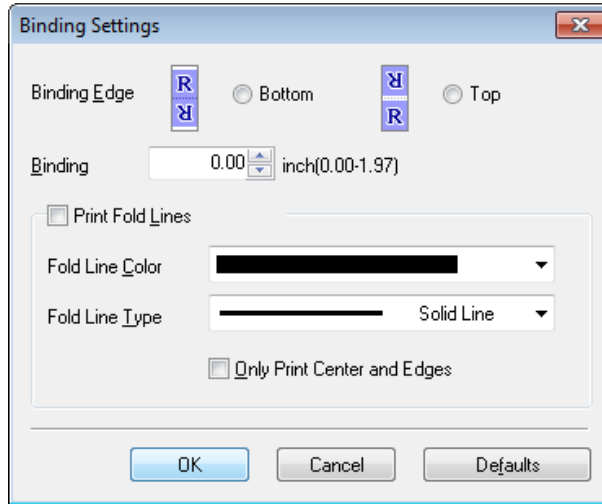
The following settings are available for the finished size.

Setting	Details
<b>Fit Roll Paper Width</b>	Prints by automatically enlarging or reducing the entire document so that the width of the document matches the roll paper width.

Setting	Details
<b>Specify Folded Size</b>	Prints by automatically enlarging or reducing the entire document to match the size of the paper. Select the actual size of the paper you want to print on in <b>Fit Paper Size</b> .
<b>Rotate Page 90 degrees (Conserve Paper)</b>	Prints by rotating pages by 90 degrees. Pages are automatically rotated if they will fit within the roll paper width when rotated, and are not rotated if they will not fit within the roll paper width.

## Binding Settings Dialog Box

This is displayed when you select **Binding Settings** from the **Edit** menu. This allows you to configure the binding edge settings.



### • Binding Edge

Configures the binding edge when folding paper. The following settings are available for the binding edge.

Setting	Details
<b>Bottom</b>	Prints by placing the binding margin (gutter) at the bottom of the document.
<b>Top</b>	Prints by placing the binding margin (gutter) at the top of the document.

### • Binding

Configures the binding margin (gutter). Prints by creating a binding margin (gutter) of the specified size. Enter the margin size as a number.



- The values that can be entered are 0 to 50 (mm).

Note

### • Print Fold Lines

Configures the color and type of fold lines.



- To not print fold lines, clear the **Print Fold Lines** checkbox.

Note

### • Fold Line Color

You can select the fold lines.

### • Fold Line Type

You can select the fold lines. The following settings are available for the fold line type.

Setting	Details
<b>Solid Line</b>	You can print the solid line as the frame style.
<b>Dotted Line</b>	You can print the dotted line as the frame style.
<b>Dashed Line</b>	You can print the dashed line as the frame style.

- **Only Print Center and Edges**

To print fold lines at the center and both edges, select the **Only Print Center and Edges** checkbox.

## Prints using Folded Duplex

This prints 2 pages consecutively. Folding back the paper at the fold lines of the center substitutes for duplex printing.

- 1** Select two objects from the layout area of Free Layout.
- 2** Select **Folded Duplex** from the **Edit** menu of Free Layout. Open the **Folded Duplex** window and arrange the selected objects in the layout area.
- 3** Open the **Finished Size Settings** dialog box from the **Edit** menu.
- 4** Select **Fit Roll Paper Width** or **Specify Folded Size** in **Finished Size**.



- **Rotate Page 90 degrees (Conserve Paper)** is also available when **Specify Folded Size** is selected.

Note

- 5** Click **OK** to save the settings.
- 6** Open the **Binding Settings** dialog box from the **Edit** menu.
- 7** Select **Bottom** or **Top** in **Binding Edge**.
- 8** Specify the **Binding** width in **Binding**.
- 9** Configure the **Fold Line Color** and **Fold Line Type** from **Print Fold Lines**.



- When the **Only Print Center and Edges** checkbox is selected, fold lines are only printed at the three locations of the center and both edges.

Note

- 10** Click **OK** to save the settings.
- 11** Confirm the print setting and begin printing.

# Color imageRUNNER Enlargement Copy

The Features of Color imageRUNNER Enlargement Copy .....	208
Starting Color imageRUNNER Enlargement Copy .....	208
Color imageRUNNER Enlargement Copy Dialog Box .....	209
Hot Folder .....	210
Creating a New Hot Folder .....	210
Specifying an Existing Shared Folder as a Hot Folder .....	213
Setting the Print Parameters .....	215
Printing Enlargements of Scanned Originals from a Color imageRUNNER .....	216

Windows Software

Color imageRUNNER Enlargement Copy

## The Features of Color imageRUNNER Enlargement Copy

The main features of Color imageRUNNER Enlargement Copy are as follows.

- Allows the document scanned with the Color imageRUNNER to be automatically enlarged and printed.
- You can perform basic printer settings such as printer selection, media type and output profile selection, and matching methods, in addition to borderless printing and enlargement/reduction process without growing through the printer driver.



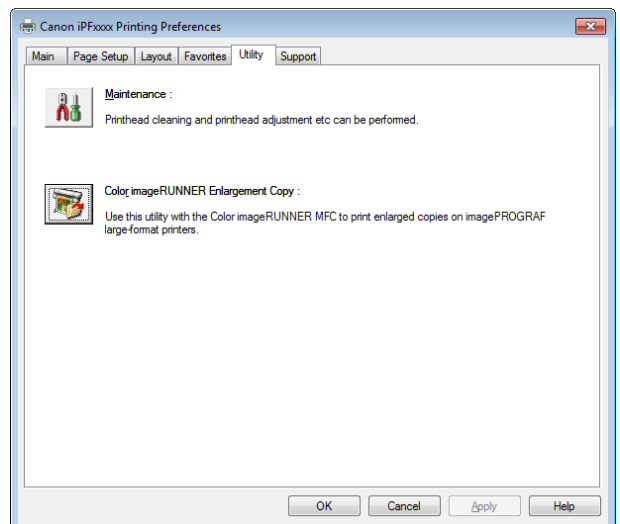
• The media type, image size, detailed media settings, and the printer settings can cause the actual print output to differ from the Color imageRUNNER Enlargement Copy settings.

## Starting Color imageRUNNER Enlargement Copy

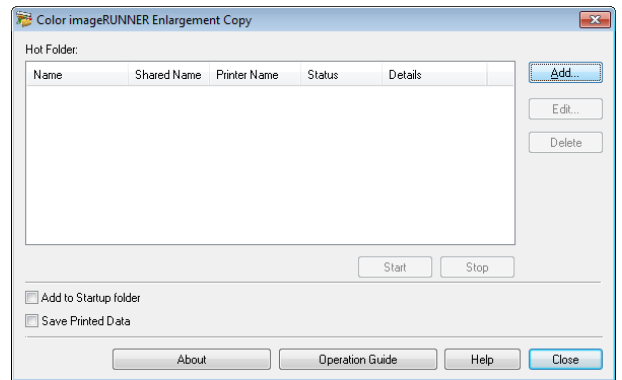
Follow the procedure below to start the Color imageRUNNER Enlargement Copy.

To start by selecting **Devices and Printers** from the **start** button

- 1 Open the folder of the OS you are using for configuring printers.  
For example, on Windows 7, click the **start** button on the Desktop and open the **Devices and Printers** window.
- 2 Right-click the Printers icon and select **Printing Preferences** to open the **Printing Preferences** dialog box.  
In the **Utility** sheet, click the **Color imageRUNNER Enlargement Copy** button.



**3** The **Color imageRUNNER Enlargement Copy** dialog box displays.

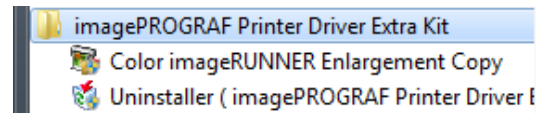


Note

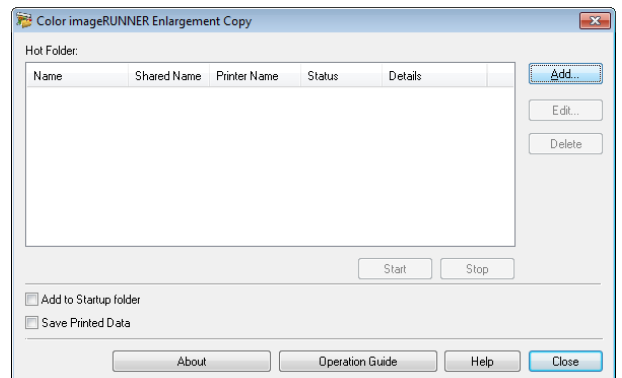
- If you click on the **Add to Startup folder** check box in the **Color imageRUNNER Enlargement Copy** dialog box, the icon of Color imageRUNNER Enlargement Copy utility will appear on the task bar when starting Windows thereafter.
- This function cannot be used on 64-bit version of Windows.

To start by selecting **Color imageRUNNER Enlargement Copy** from the **start** button

**1** From the Windows **start** button, select **Color imageRUNNER Enlargement Copy**.

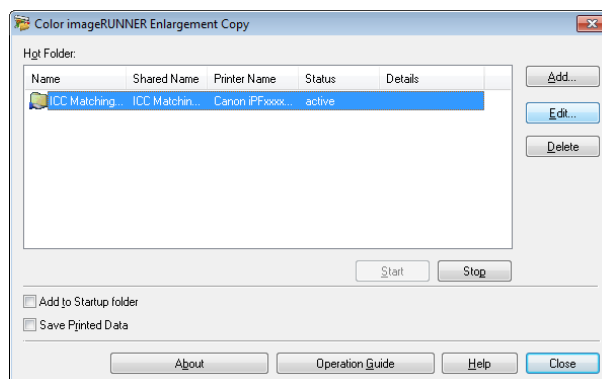


**2** The **Color imageRUNNER Enlargement Copy** dialog box displays.



**Color imageRUNNER Enlargement Copy Dialog Box**

The explanation below is on the **Color imageRUNNER Enlargement Copy** dialog box.



Note

- For the step to open the **Color imageRUNNER Enlargement Copy** dialog box, see "Starting Color imageRUNNER Enlargement Copy." →P.208

• **Hot Folder**

The hot folder list appears.

• **Add Button**

Click the button to open the **Easy Setup Wizard** dialog box so that you can add a hot folder.

• **Edit Button**

From the **Hot Folder** list, select a hot folder and click the button to open the **Add/Edit Hot Folder** dialog box that allows you to edit the hot folder.

• **Delete Button**

From the **Hot Folder** list, select a hot folder and click the button to delete the hot folder.

• **Start Button**

Clicking the button changes the status of the selected **inactive** Hot Folder to **active**.

• **Stop Button**

Clicking the button changes the status of the selected **active** Hot Folder to **inactive**.

• **Add to Startup folder**

Register the application in the Windows startup menu.

• **Save Printed Data**

Automatically saves printed data.

• **About Button**

Click the button to display the name and the version number of the utility.

• **Operation Guide Button**

Click the button to display the **Color imageRUNNER Enlargement Copy Setup Manual**.

## Hot Folder

Hot folder refers to a folder used for Color imageRUNNER Enlargement Copy.

- When transferred to the PC's hot folder, the document data scanned with the Color imageRUNNER is printed in enlarged size from the printer according to the print conditions set in the hot folder.
- You can create a new hot folder, edit or delete an existing one, and set print conditions at will.

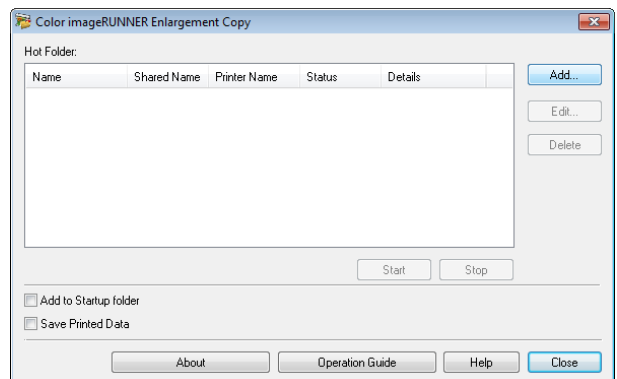


• You can create up to 20 hot folders.

Note

## Creating a New Hot Folder

- 1 Open the **Color imageRUNNER Enlargement Copy** dialog box, and then click the **Add** button.

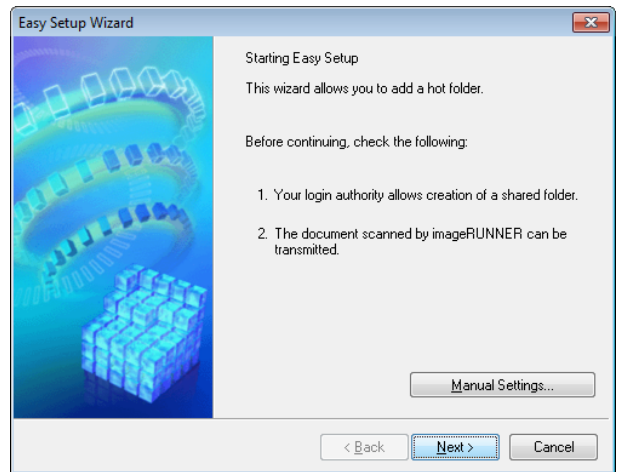


• For the step to open the **Color imageRUNNER Enlargement Copy** dialog box, see "Starting Color imageRUNNER Enlargement Copy." →P.208

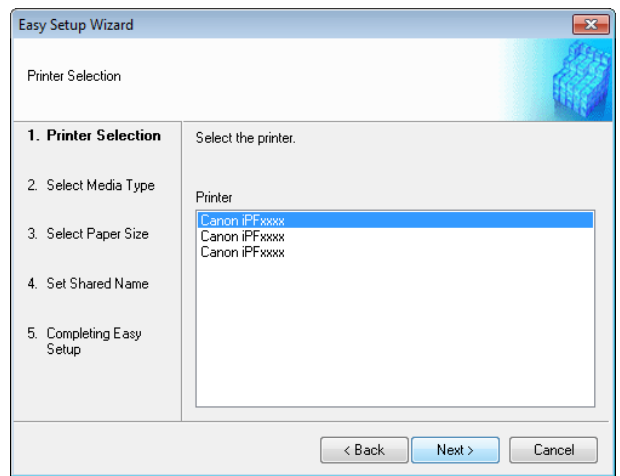
Note



**2** The **Easy Setup Wizard** dialog box displays. Click the **Next** button.



**3** Select the type of printer to use. Click the **Next** button.

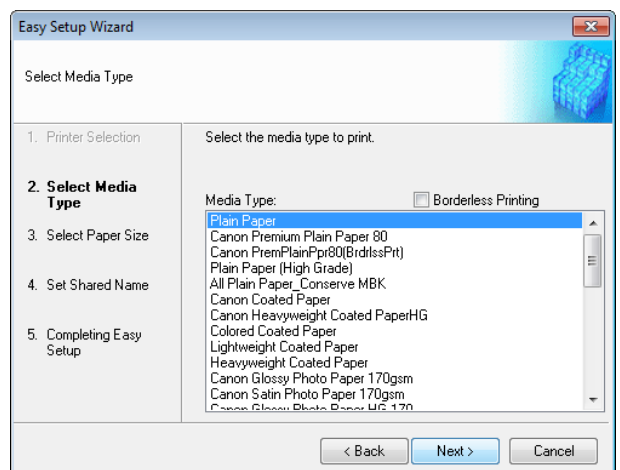


**4** Select the media type to print.

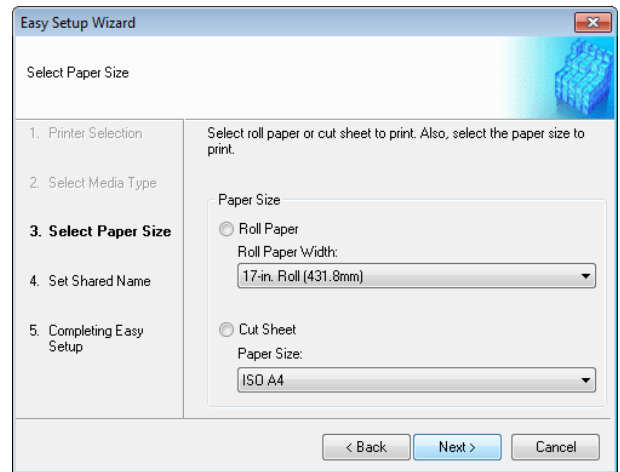


- If the **Borderless Printing** checkbox is checked, only media types that can be used for borderless printing are displayed in the list.

Click the **Next** button.



- 5 Select roll paper or cut sheet to print. Also, select the media size to print. Click the **Next** button.

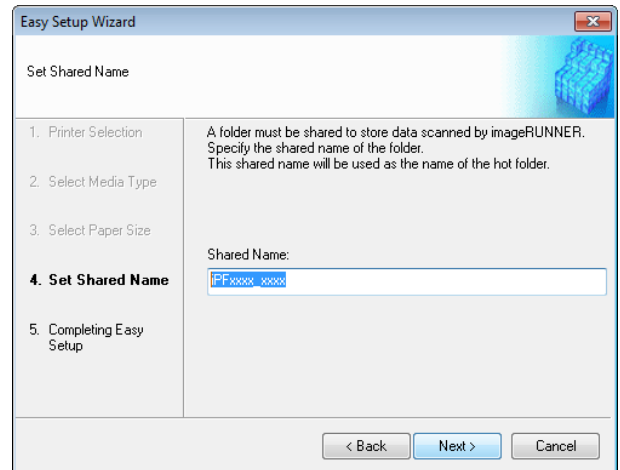


- 6 To receive a document scanned with the Color imageRUNNER, you need to share a folder. Enter the folder shared name in **Shared Name**. Click the **Next** button.

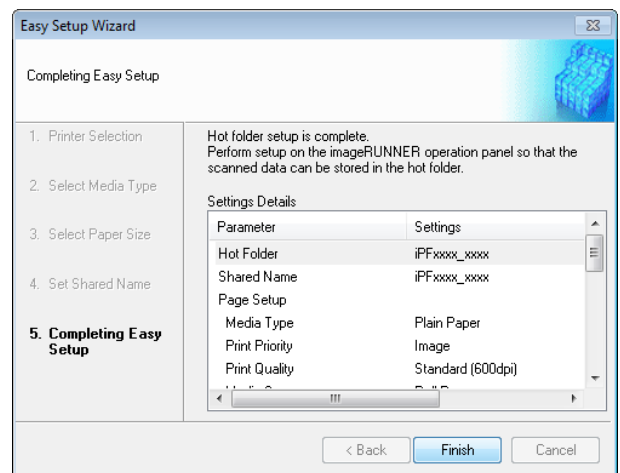


Note

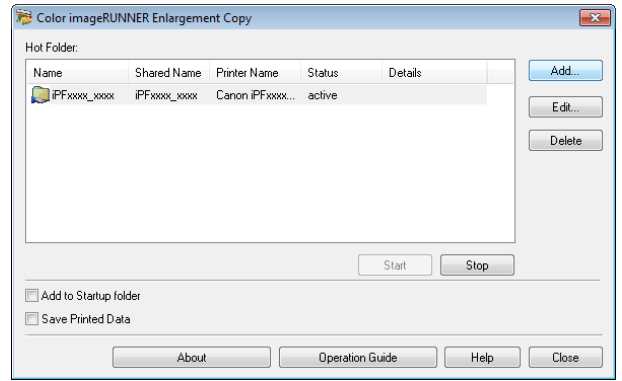
- This shared name is used as the name of the hot folder.
- You cannot use the **Back** button, after clicking the **Next** button here.



- 7 Click **Finish** button to close the **Easy Setup Wizard** dialog box.

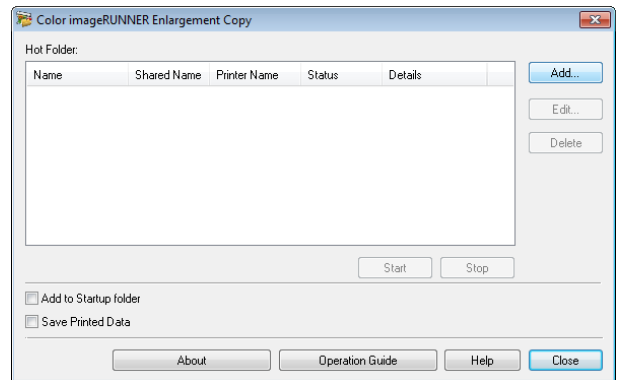


The hot folder you have created appears in the **Hot Folder** list in the **Color imageRUNNER Enlargement Copy** dialog box.



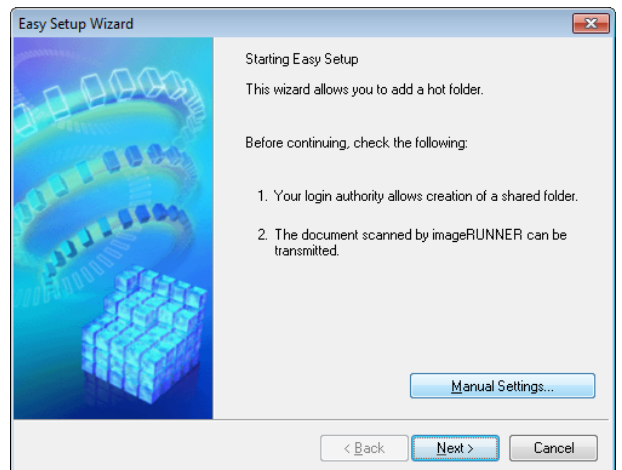
### Specifying an Existing Shared Folder as a Hot Folder

- 1 Share the folder you want to specify as a hot folder.
- 2 Open the **Color imageRUNNER Enlargement Copy** dialog box, and then click the **Add** button.

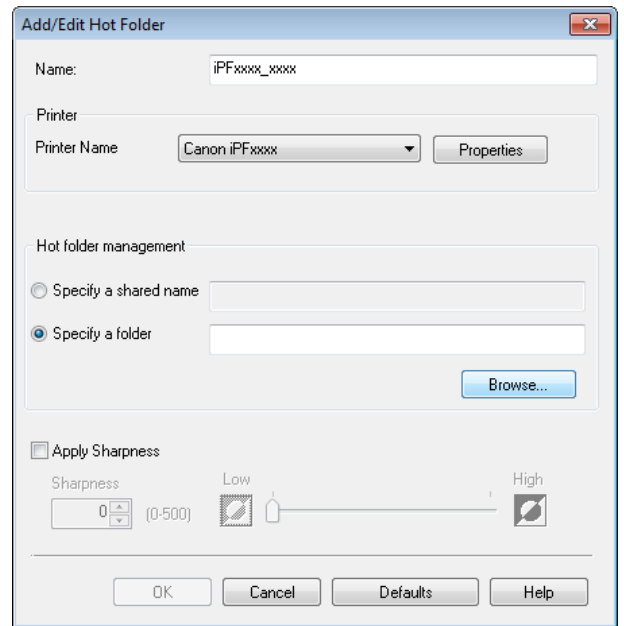


**Note** • For the step to open the **Color imageRUNNER Enlargement Copy** dialog box, see "Starting Color imageRUNNER Enlargement Copy." → P.208

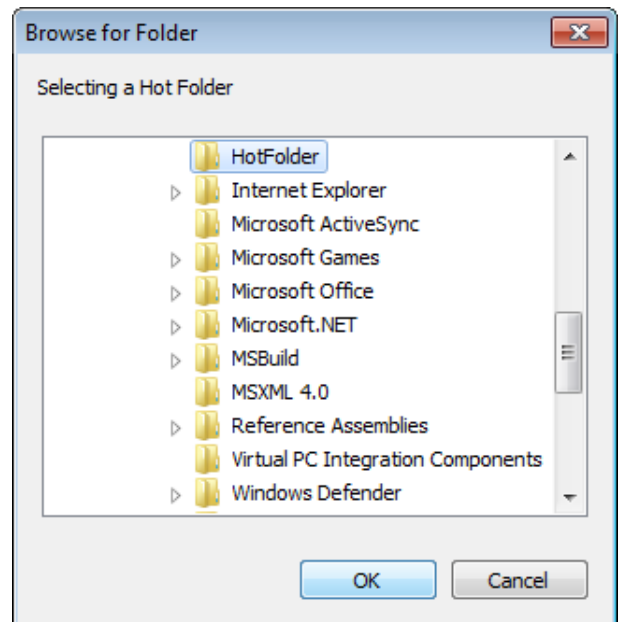
- 3 The **Easy Setup Wizard** dialog box displays. Click the **Manual Settings** button.



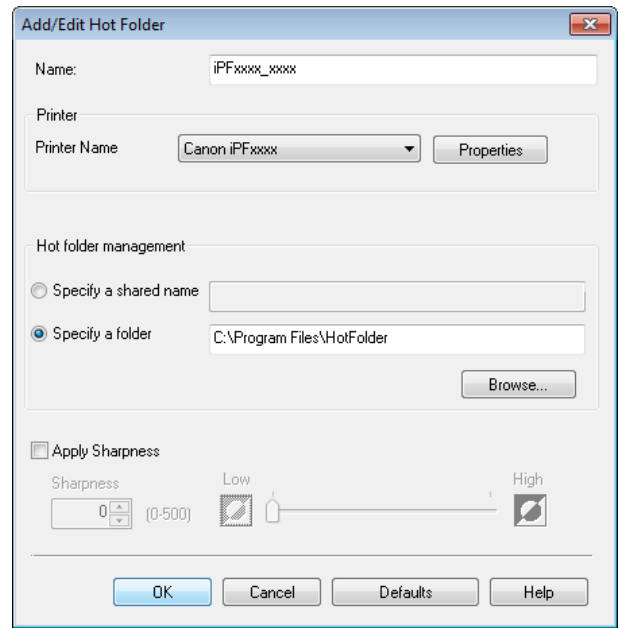
- 4** The **Add/Edit Hot Folder** dialog box displays. Enter the hot folder name in **Name**. Click the **Browse** button, with selecting **Specify a folder**, to set the existing shared folder.



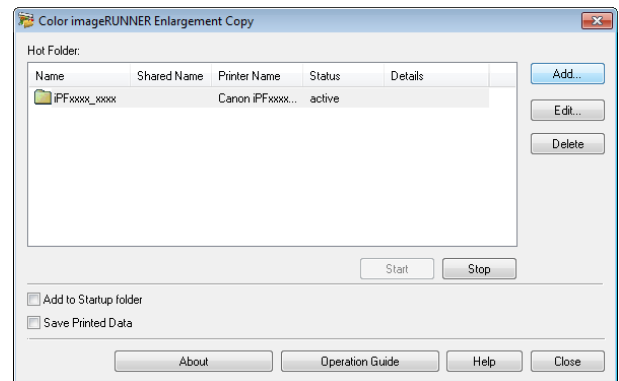
- 5** The location of the folders will appear. Select the folder to specify a hot folder, and click the **OK** button.



**6** As necessary, set the print conditions in the hot folder. (See "Setting the Print Parameters.") →P.215  
 Click the **OK** button to close the **Add/Edit Hot Folder** dialog box.

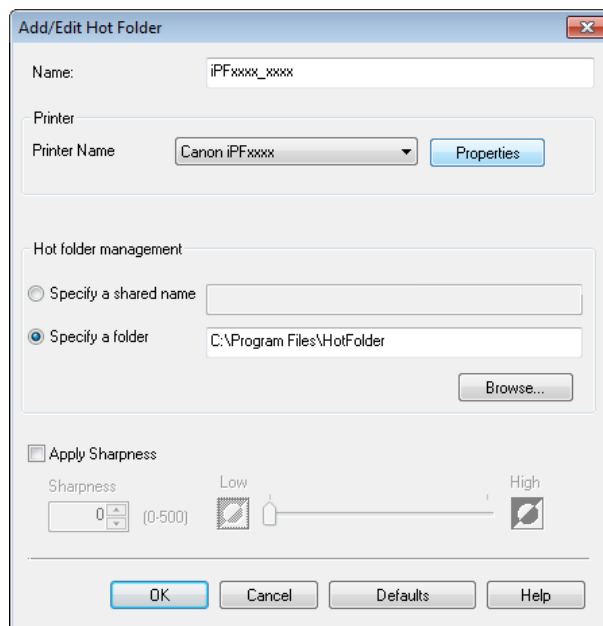


The hot folder you have created appears in the **Hot Folder** list in the **Color imageRUNNER Enlargement Copy** dialog box.



## Setting the Print Parameters

The printer driver opens when you click the **Properties** button in the **Add/Edit Hot Folder** dialog box. The printer driver is used to configure basic settings to match the type of media loaded in the printer.



Refer to "Printer Driver" →P.146 for details on the printer driver.



- The only three sheets displayed are the **Main** sheet, the **Page Setup** sheet, and the **Layout** sheet. Some of the printer driver settings may be disabled.

### • Apply Sharpness

Place a checkmark here to set the sharpness.

Drag the slider bar to the left or right to adjust. You can also adjust by directly entering a number in the numeric input field.



- You can input between 0 and 500.
- You can change the numbers by clicking either ▲ button or ▼ button.
- You cannot be applied to PDF files.

## Printing Enlargements of Scanned Originals from a Color imageRUNNER

Scanned originals from a Color imageRUNNER can be enlarged and printed automatically.

Originals you create by scanning with a Color imageRUNNER are transferred to a "hot folder" and printed automatically after enlargement according to printing conditions you specify for that folder.

This processing sequence is called the **Color imageRUNNER Enlargement Copy** function.

To use **Color imageRUNNER Enlargement Copy**, first complete these settings in the following order.

1. Register a hot folder on your computer.  
Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER and complete the settings for enlargement copy. For details, see "Creating a New Hot Folder." →P.210
2. Complete the scanning settings on the Color imageRUNNER.  
Configure the Color imageRUNNER to send scanned originals to the hot folder.

After these settings are complete, you can print enlarged copies of scanned originals from the Color imageRUNNER.

### Completing the scanning settings on the Color imageRUNNER.

Configure the Color imageRUNNER to send scanned originals to the hot folder. It is easy to send scanned originals to the hot folder if you assign the scanning settings and destination to a **Favorites** button on the Color imageRUNNER.

For instructions on assigning scanning settings and destinations to a **Favorites** button, refer to the setting manual, displayed by clicking **Color imageRUNNER Enlargement Copy Setup Manual** button of **Color imageRUNNER Enlargement Copy** utility, or refer to the Color imageRUNNER manual.

### Scanning the original and print an enlargement

Follow the steps below to scan an original on the Color imageRUNNER for enlarged printing on the printer. For detailed instructions, refer to the Color imageRUNNER manual.

- 1 Load the original on the platen glass or document feeder of the Color imageRUNNER.
- 2 Press **Send** to display the screen for transmission.
- 3 Press **Favorites**, and then press the **Favorites** button assigned to the hot folder.
- 4 Press **Start** on the control panel. If you scan originals on the platen glass, after scanning all originals, press **Done** on the touch-panel display.  
Scanned originals are sent to the hot folder and automatically enlarged and printed following the conditions you specified for the folder.


# Print Plug-In for Office

- Print Plug-In for Officefeatures ..... 217
- Steps to install ..... 217
- Steps to uninstall ..... 220
- When Print Plug-In for Office is not displayed ..... 220
  
- To start from Microsoft Word ..... 223
- Print Matching Roll Width(Word) ..... 225
- Borderless Printing(Word) ..... 227
- Multi-Page Printing(Word) ..... 229
- Register the settings (Word) ..... 230
- Print Using Registered Settings(Word) ..... 231
- Portrait Orientation/Landscape Orientation(Word) ..... 233
  
- To start from Microsoft PowerPoint ..... 234
- Print Matching Roll Width(PowerPoint) ..... 236
- Borderless Printing(PowerPoint) ..... 237
- Multi-Page Printing(PowerPoint) ..... 239
- Register the settings (PowerPoint) ..... 241
- Print Using Registered Settings(PowerPoint) ..... 242
- Portrait Orientation/Landscape Orientation(PowerPoint) ..... 243
  
- To start from Microsoft Excel ..... 245
- Print Entire Sheet(Excel) ..... 246
- Print Selected Area(Excel) ..... 249
- Configuring Binding (Excel) ..... 251
  
- Configuring Special Settings ..... 252


## Print Plug-In for Officefeatures

**Print Plug-In for Office** is a Plug-In that enables easy printing from **Microsoft Office**.

- It is displayed on the toolbar/ribbon, so it is easily accessible.
- It can be set by just selecting from the Wizard.
- **Large-Format Printing** custom size can also be set in the Wizard from **Microsoft Word** or **Microsoft PowerPoint**.
- Custom size can be set automatically from **Microsoft Excel**.
- The layout can be checked before printing by starting the preview screen.

 • 64 bit edition Windows OS operates only on WOW64 (32 bit emulator).


Note

 • The **Print Plug-In for Office** toolbar/ribbon might not be displayed in **Microsoft Office** after installing **imagePROGRAF Print Plug-In for Office**. For details, refer to "When Print Plug-In for Office is not displayed" →P.220 .

- If you opened the Office document from **Internet Explorer**, the software will not run correctly.
- If you are editing an embedded object or link object, the software will not run correctly.
- If you added the **imagePROGRAF Print Plug-In** ribbon to the **Microsoft Office** Quick Access toolbar, the software will not run correctly.

## Steps to install

Below are the steps to install **Print Plug-In for Office**.

 • You must log into Windows as an Administrator before the installation.

Note

**1** Insert "User Software CD-ROM" into the CD-ROM drive and start the installer.

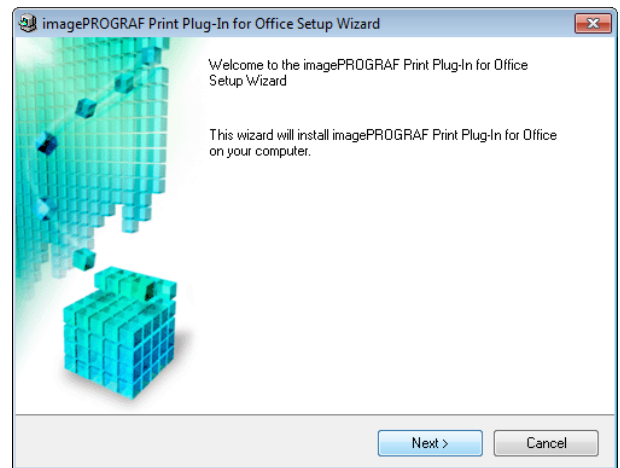


- If the installer screen does not appear automatically, open the CD-ROM drive icon of your computer and double-click the **iPFInst.exe** icon.

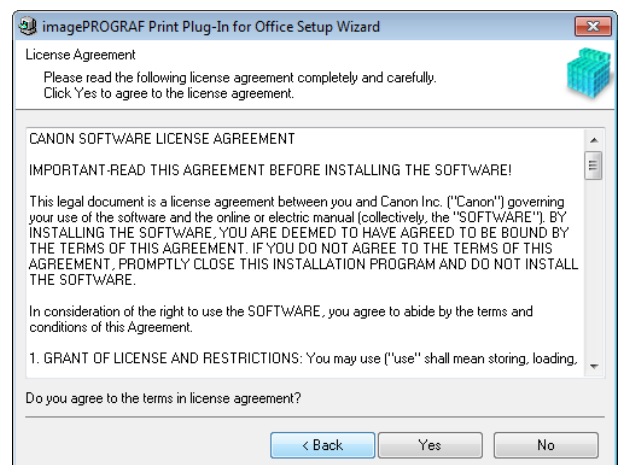
**2** Click the **imagePROGRAF Print Plug-In** button.



**3** Click the **Next** button.

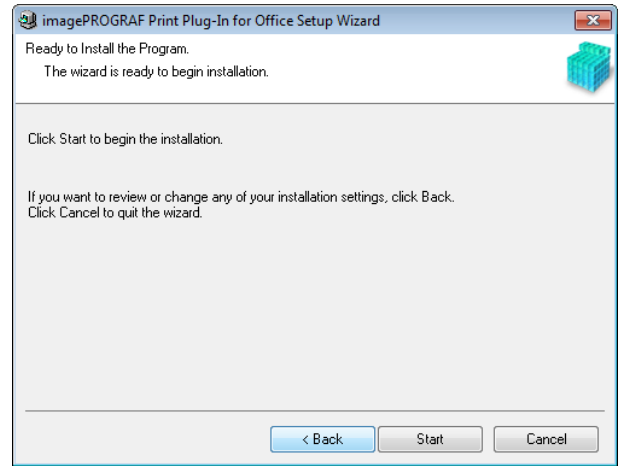


**4** Read the **License Agreement**, and click the **Yes** button.

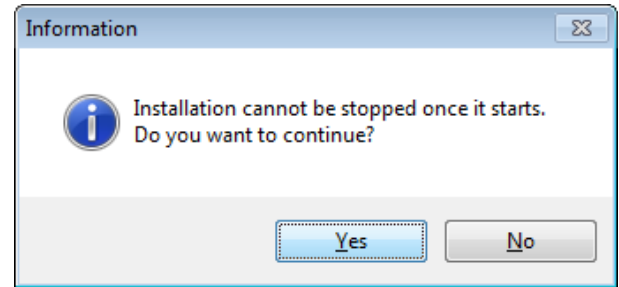




**5** Click the **Start** button.



**6** Click the **Yes** button.

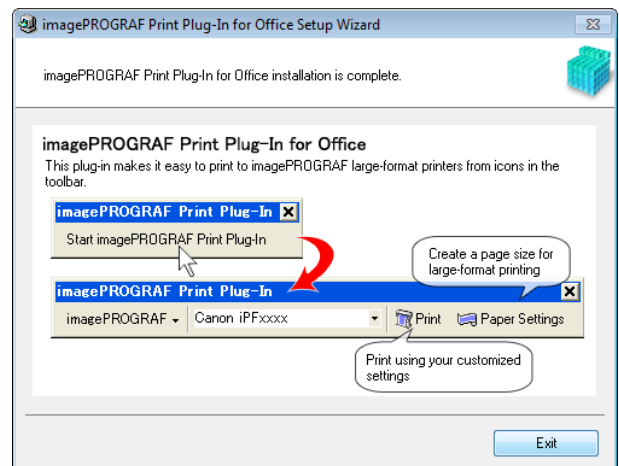


**Note**

- The following message may be displayed in Windows 8 or a later OS. If this happens, install the **.NET Framework** by following the procedure.

**7** Click the **Exit** button.

The installation for **Print Plug-In for Office** is complete.





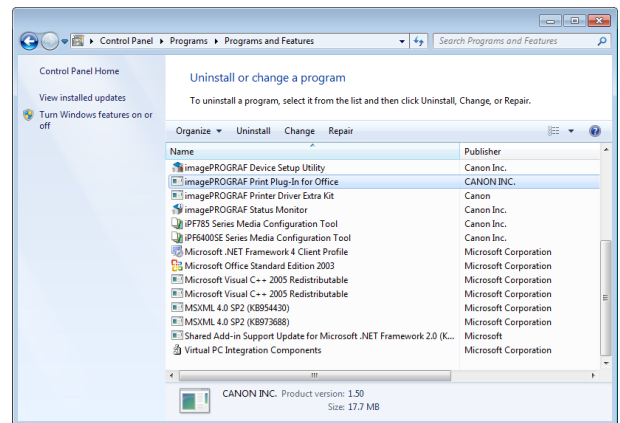
Important

- When you install this software, the virtual printer **Canon imagePROGRAF PrintPlugIn** may be installed. If you want to use this software, do not uninstall the virtual printer **Canon imagePROGRAF PrintPlugIn**.
- The **Print Plug-In for Office** toolbar/ribbon might not be displayed in **Microsoft Office** after installing **imagePROGRAF Print Plug-In for Office**. Refer to the following topic for details on how to display the **imagePROGRAF Print Plug-In for Office** toolbar/ribbon.
  - When Print Plug-In for Office is not displayed → P.220

## Steps to uninstall

Below are the steps to uninstall **Print Plug-In for Office**.

- 1 If **Microsoft Office** is open, close it.
- 2 Select **Control Panel** from the **start** menu.
- 3 Select **Uninstall a program**.
- 4 Select **imagePROGRAF Print Plug-In for Office**, and then click the **Uninstall** button.



Note

- You cannot uninstall **Print Plug-In for Office** if an Office application is running. When a message appears, select **Cancel** and close all Office applications that are running.

## When Print Plug-In for Office is not displayed

Buttons such as **Start imagePROGRAF Print Plug-In** sometimes do not appear in the **Word**, **PowerPoint** and **Excel** Office applications, and the **Print Plug-In for Office** functions are not available.

In this event, re-install **Print Plug-In for Office**.

If you are using **Microsoft Office 2003** or later, you can also enable add-ins to display **Print Plug-In for Office**. See below for the procedure for re-installing the plug-in or enabling add-ins.

### Re-installing Print Plug-In for Office

If a problem occurs, such as the system or an application terminating abnormally, the **Microsoft Office** application disables add-ins as a safety precaution.

In this event, you will need to re-install **Print Plug-In for Office** to display the **imagePROGRAF Print Plug-In** toolbar/ribbon.



Note

- You cannot re-install **Print Plug-In for Office** once an Office application is running. When the message appears, select **Cancel** and close the active Office application.

Re-install **Print Plug-In for Office** as follows:

- 1 Close **Microsoft Office** if it is open.

**2** Install **Print Plug-In for Office**.

For information about installing, see "Steps to install." →P.217

**Enabling Print Plug-In for Office for items disabled in Office applications**

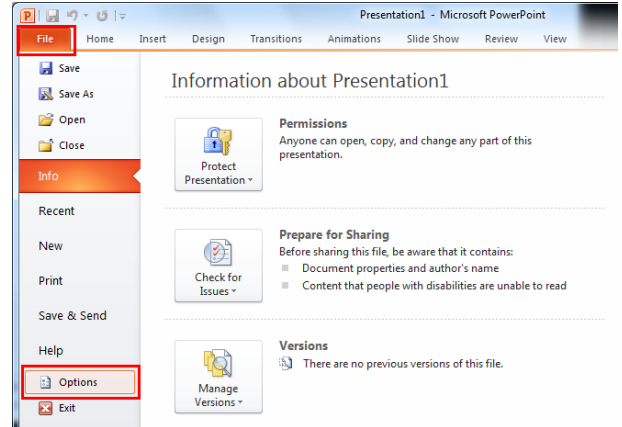
If a problem occurs, such as the system or an application terminating abnormally, the **Microsoft Office** application disables add-ins as a safety precaution.

In this event, you will need to restore the disabled add-ins in order to display the **imagePROGRAF Print Plug-In** toolbar/ribbon.

Use the procedure below to restore the add-ins disabled by **Microsoft Office**.

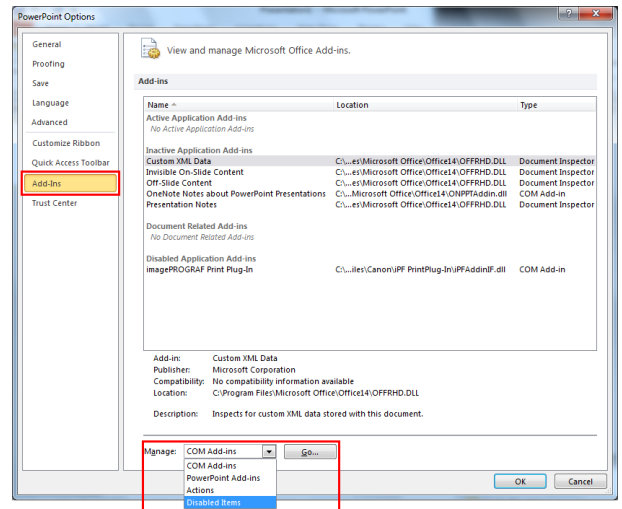
- For **Microsoft Office 2010 or later**

**1** Select **Options** from the **File** menu.

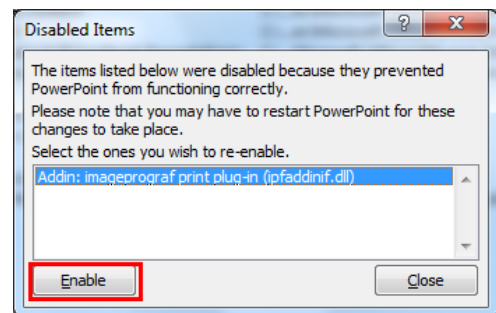


**2** From the list on the left side of the **<application name> options** dialog box, select **Add-ins**.

**3** Select **Disabled Items** in the **Manage** combo box and click the **Go** button.



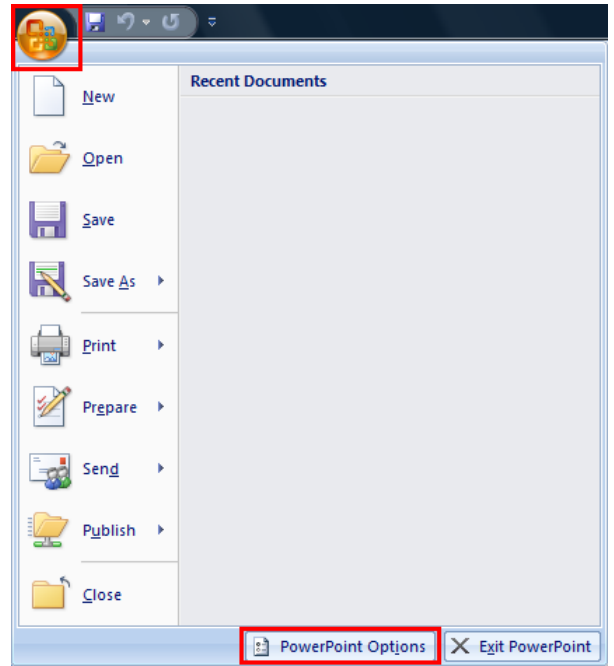
**4** If **Addin imageprograf print plug-in (ipfaddinif.dll)** is displayed in the **Disabled Items** dialog box, select it and click the **Enable** button.



**5** Close all the dialog boxes and restart the Office application.

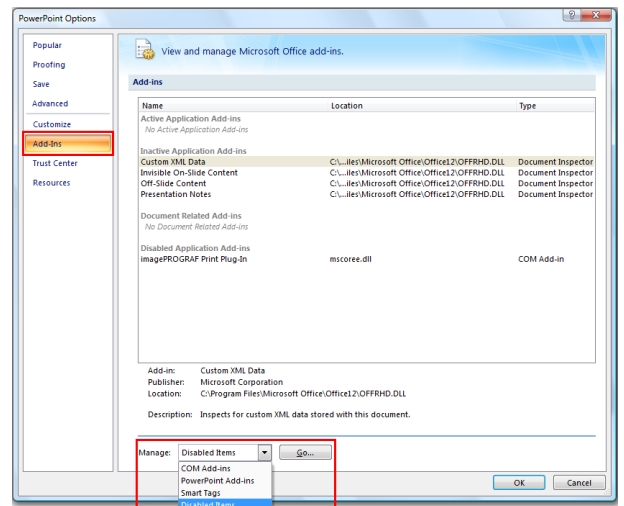
• For **Microsoft Office 2007**

**1** Click the **Office** button and then click the **<application name> options** button.

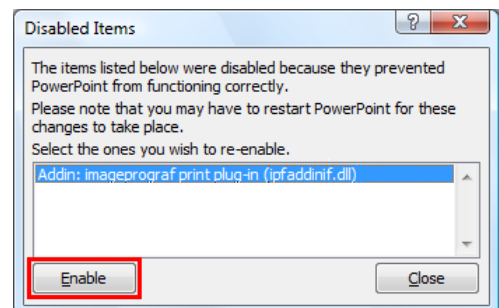


**2** From the list on the left side of the **<application name> options** dialog box, select **Add-ins**.

**3** Select **Disabled Items** in the **Manage** combo box and click the **Go** button.



**4** If **Addin imageprograf print plug-in (ipfaddinif.dll)** is displayed in the **Disabled Items** dialog box, select it and click the **Enable** button.

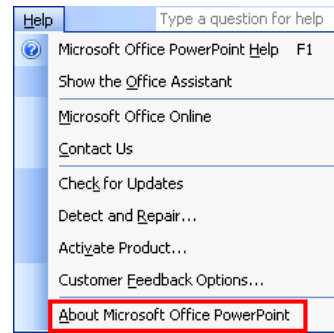


**5** Close all the dialog boxes and restart the Office application.

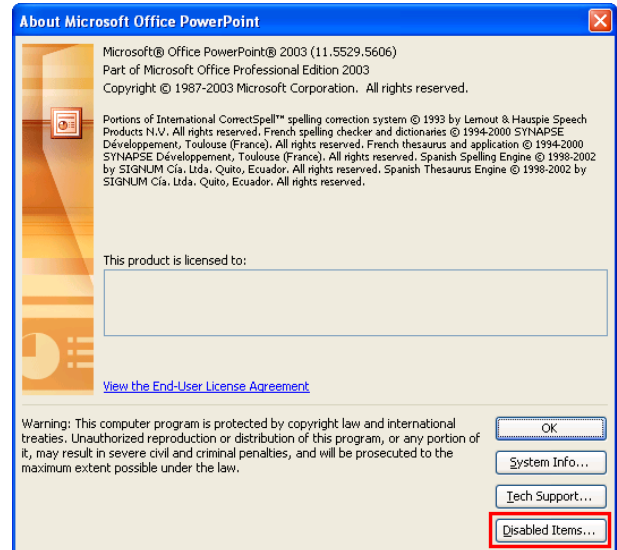
• For **Microsoft Office 2003**

Windows Software  
Print Plug-In for Office

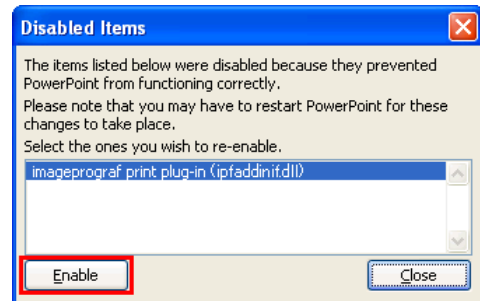
**1** Click **About <application name>** in the **Help** menu of application.



**2** Click the **Disabled Items** button in the **About <application name>** dialog box.



**3** If **Addin imageprograf print plug-in (ipfaddinif.dll)** is displayed in the **Disabled Items** dialog box, select it and click the **Enable** button.



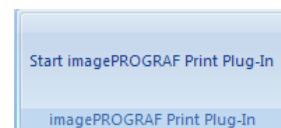
**4** Close all the dialog boxes and restart the Office application.

### To start from Microsoft Word

Below are the steps to start **Print Plug-In for Office** from **Microsoft Word**.

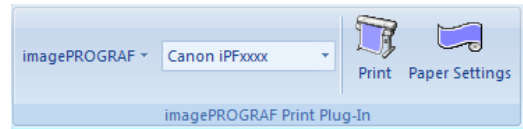
**1** Start **Microsoft Word**.

**2** If **Start imagePROGRAF Print Plug-In** is displayed on the toolbar/ribbon, click it.



- If the **imagePROGRAF Print Plug-In** toolbar/ribbon is not displayed, refer to the following.
- "When Print Plug-In for Office is not displayed" →P.220

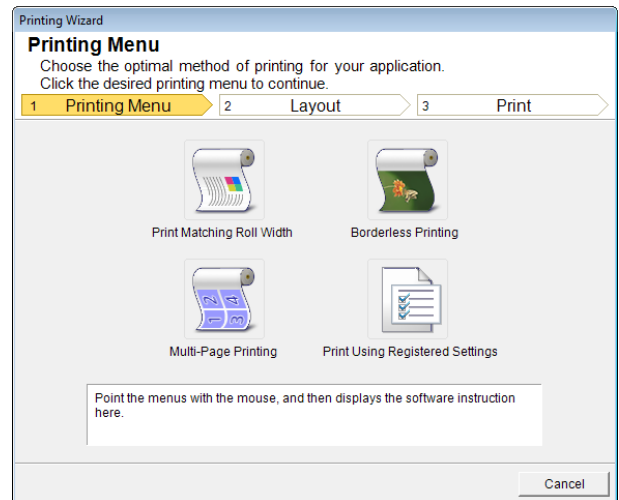
**3** Check that the **imagePROGRAF Print Plug-In** toolbar/ribbon is displayed.



**4** Click the buttons on the toolbar/ribbon according to the items you want to set.

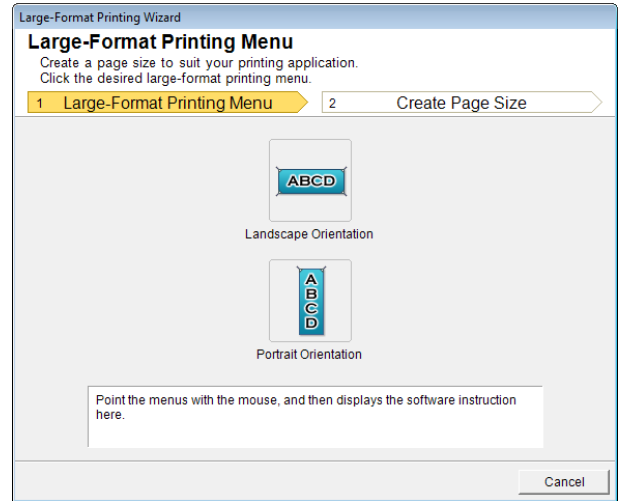
Icon	Contents
Menu	Displays the <b>About</b> , <b>Help</b> , and <b>Special Settings</b> dialog boxes. You can change the settings using the <b>Special Settings</b> dialog box. Refer to "Configuring Special Settings" →P.252 for details.
Printer list	Select Printer. If you select <b>Show All Printers</b> , the <b>imagePROGRAF</b> printers will be displayed again. Select this when you want to display all printer drivers or update the display.
PrintButton	The print Wizard is displayed. The settings <b>Print Matching Roll Width</b> , <b>Borderless Printing</b> , <b>Multi-Page Printing</b> , and <b>Print Using Registered Settings</b> can be set.
Paper Settings Button	Large-Format Wizard is displayed. Settings for Portrait or Landscape Orientation can be set.

Printing Wizard dialog box



- If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

### Large-Format Printing Wizard dialog box

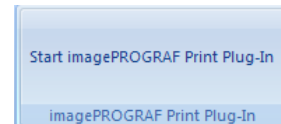


- Important**
- If you want to change the display to another file or application while the **Large-Format Printing Wizard** is open, close the **Large-Format Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.
  - The layout may collapse if you create a form using existing data. If that is the case, modify the data again.

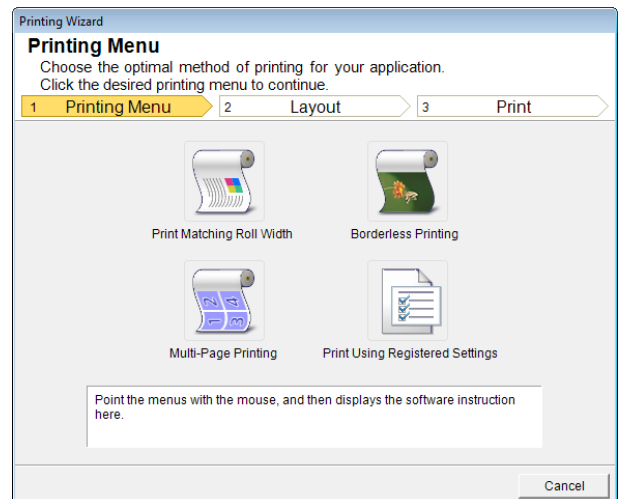
## Print Matching Roll Width(Word)

Prints to the edge of the roll width. You can print large exhibits and posters, and also print Portrait and Landscape orientations made in **Large-Format Printing Wizard**.

- 1 Start **Microsoft Word**.
- 2 If **Start imagePROGRAF Print Plug-In** is displayed, click it.

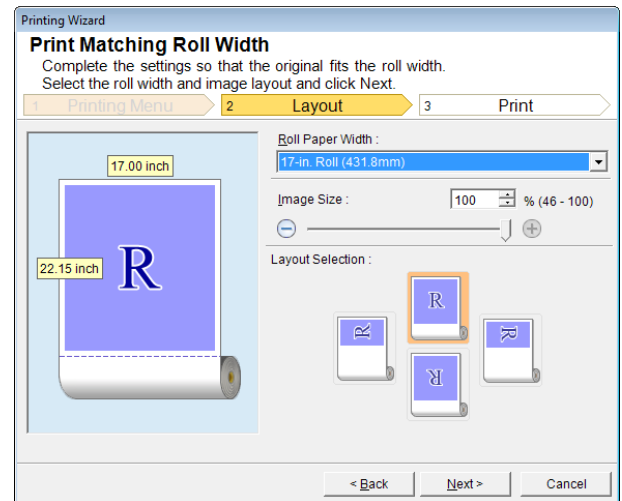


- 3 Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Printing Wizard** dialog box is displayed.



- Important**
- If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

#### 4 Click **Print Matching Roll Width**.

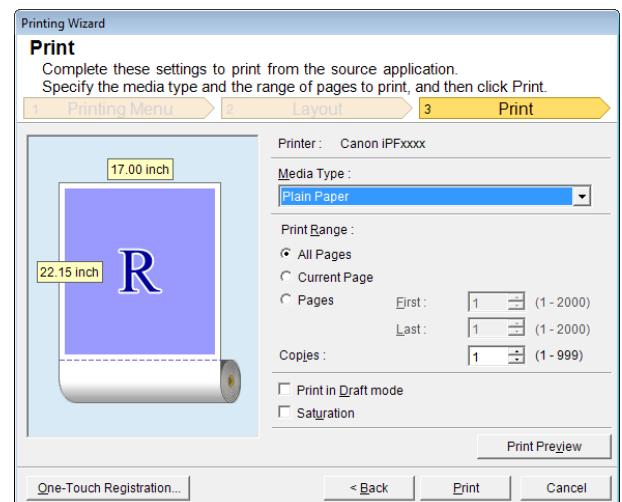


#### 5 Select **Roll Paper Width** that is set in the printer.

#### 6 Select image size.

#### 7 Select layout.

#### 8 Select **Next**.



#### 9 Select **Media Type**.

#### 10 Select **Print Range** from **All Pages**, **Current Page**, and **Pages**. If **Pages** is selected, enter the number of pages.

#### 11 Enter **Copies**.



Note

- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- The settings are registered when the **One-Touch Registration** is pressed. This is convenient if you to need print multiple times using the same setting.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- When you print to the edge of the roll width, the maximum length will be the lesser of 5.587 times the roll paper width, or 18.0m.

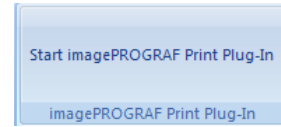
#### 12 Press **Print** to start printing.



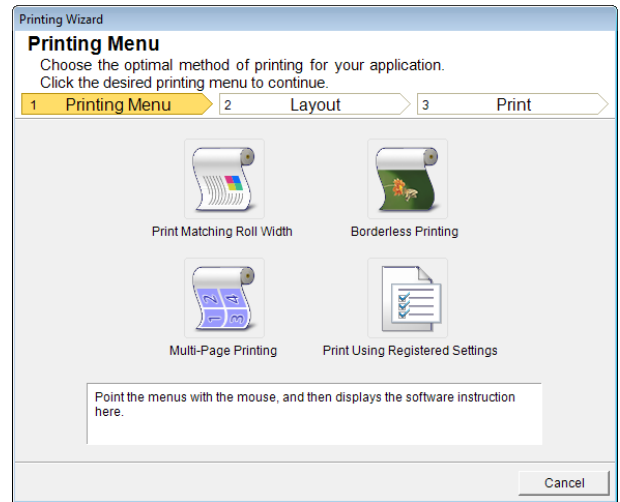
## Borderless Printing(Word)

Prints up to the border of the media. Photos and posters can be printed without worrying about margins.

- 1 Start **Microsoft Word**.
- 2 If **Start imagePROGRAF Print Plug-In** is displayed, click it.



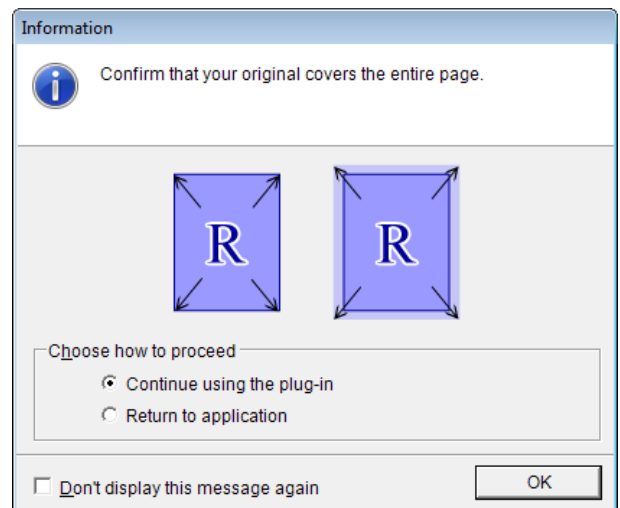
- 3 Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Printing Wizard** dialog box is displayed.



**Important**

- If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

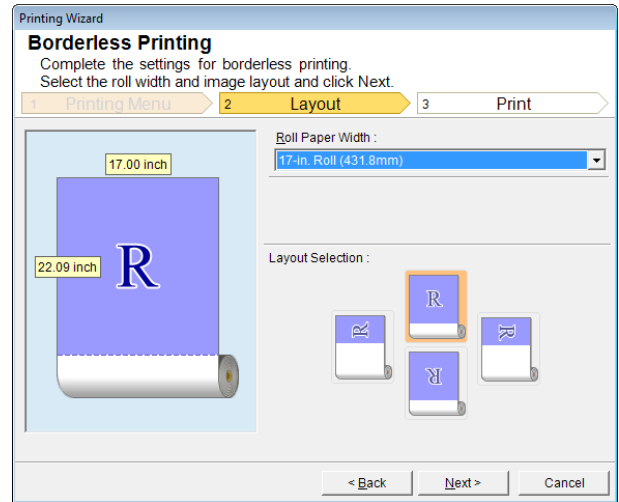
- 4 Click **Borderless Printing**.



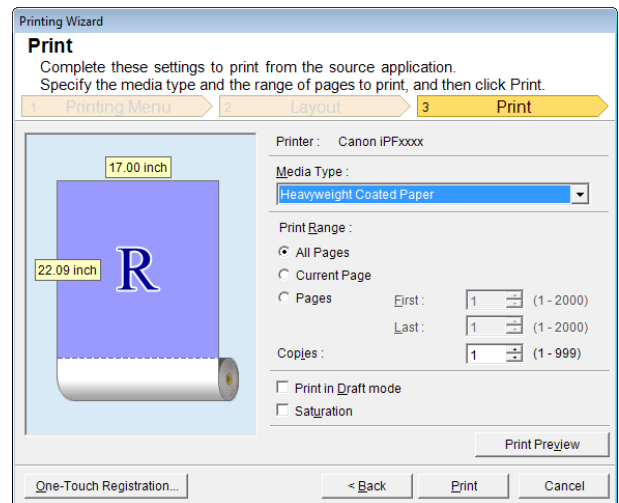
- 5 A confirmation dialog box is displayed. If the data fills up the page, confirm that **Continue using the plug-in** is selected in **Choose how to proceed** and press **OK**.

**Note**


- To adjust the data, select **Return to application** and press **OK**. Exit **Print Plug-In for Office** and return to the application.



- 6** Select **Roll Paper Width** that is set in the printer.
- 7** Select layout.
- 8** Select **Next**.



- 9** Select **Media Type**.
- 10** Select **Print Range** from **All Pages**, **Current Page**, and **Pages**. If **Pages** is selected, enter the number of pages.
- 11** Enter **Copies**.

 **Note**

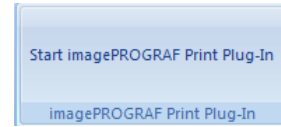
- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- Press the **One-Touch Registration** button to register the settings. This is useful for multiple printing using the same settings.
- Press the **Print Preview** button to display the preview screen. You can confirm and make changes to the layout in the preview screen.
- The maximum length for Borderless Printing is the lesser of 5.587 times the roll paper width, or 18.0m.

- 12** Press **Print** to start printing.

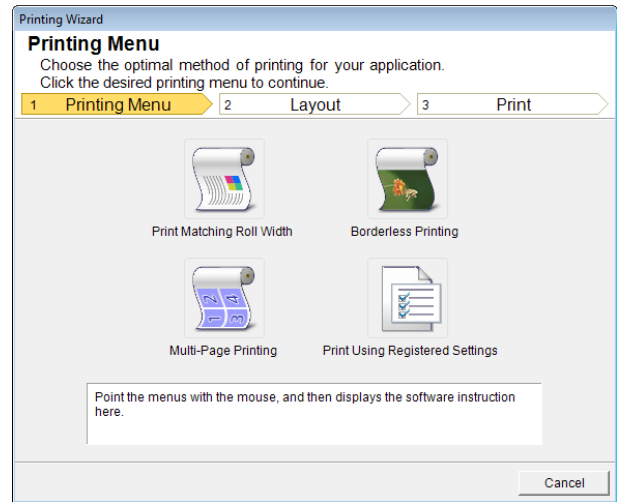
# Multi-Page Printing(Word)

Prints multiple pages as one page. You can print handouts into a single page, or print matter with many pages.

- 1** Start **Microsoft Word**.
- 2** If **Start imagePROGRAF Print Plug-In** is displayed, click it.

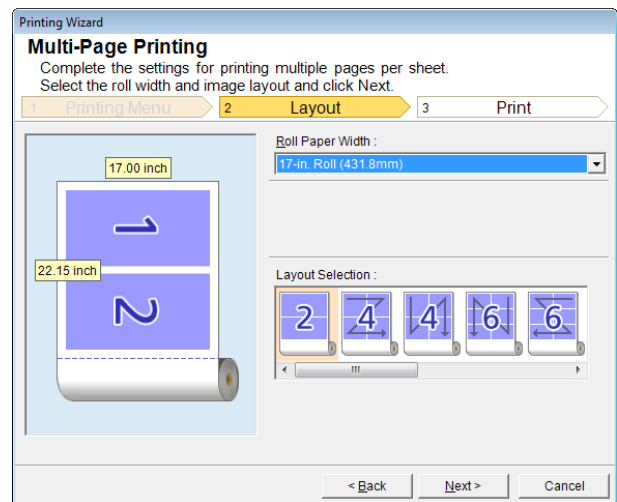


- 3** Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Printing Wizard** dialog box is displayed.



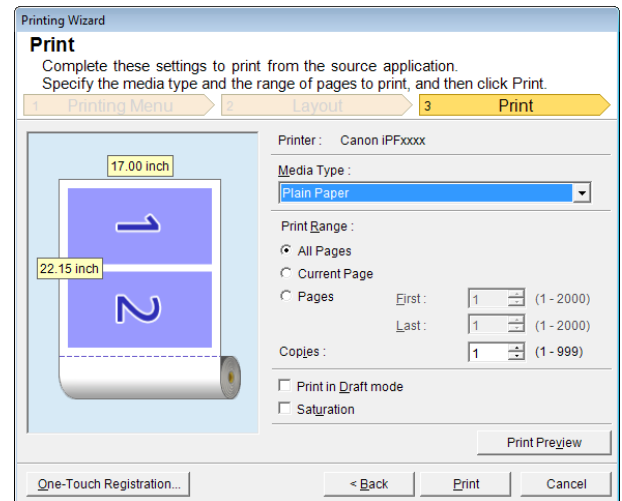
**Important** • If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

- 4** Click **Multi-Page Printing**.



- 5** Select **Roll Paper Width** that is set in the printer.
- 6** Select layout from **Layout Selection**.

## 7 Select Next.



## 8 Select Media Type.

## 9 Select Print Range from All Pages, Current Page, and Pages. If Pages is selected, enter the number of pages.

## 10 Enter Copies.



Note

- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- The settings are registered when the **One-Touch Registration** is pressed. This is convenient if you need to print multiple times using the same setting.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- The maximum length for Multi-Page Printing is the lesser of 5.587 times the roll paper width, or 18.0m.

## 11 Press Print to start printing.

### Register the settings (Word)

If you are going to print multiple times using the same setting, you can select **One-Touch Registration**. Registered settings can be recalled from **Print Using Registered Settings**.

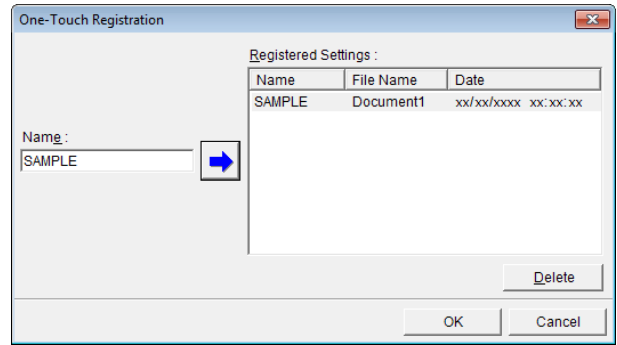
## 1 Set up to the Print screen from Print Matching Roll Width, Borderless Printing or Multi-Page Printing of Printing Menu.



Note

- Up to 20 items can be registered.
- The available settings are as follows.
  - **Print Matching Roll Width(Word)** → P.225
  - **Borderless Printing(Word)** → P.227
  - **Multi-Page Printing(Word)** → P.229

**2** Click the **One-Touch Registration** button.




**3** Enter name in **Name**.  
Up to 31 characters can be entered.

**4** Click . The name you entered is displayed in **Registered Settings**.

**5** Click **OK**, and return to the **Print** screen.

**6** Click **Print** to print, and click **Cancel** to cancel the print.

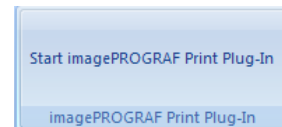
 **Note** • Clicking **Cancel** in the **Print** screen will not delete the registered settings.

## Print Using Registered Settings(Word)

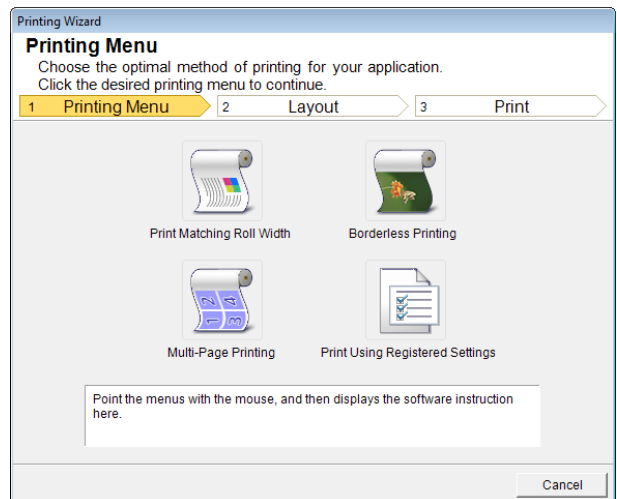
Prints using the registered settings.


**1** Start **Microsoft Word**.

**2** If **Start imagePROGRAF Print Plug-In** is displayed, click it.

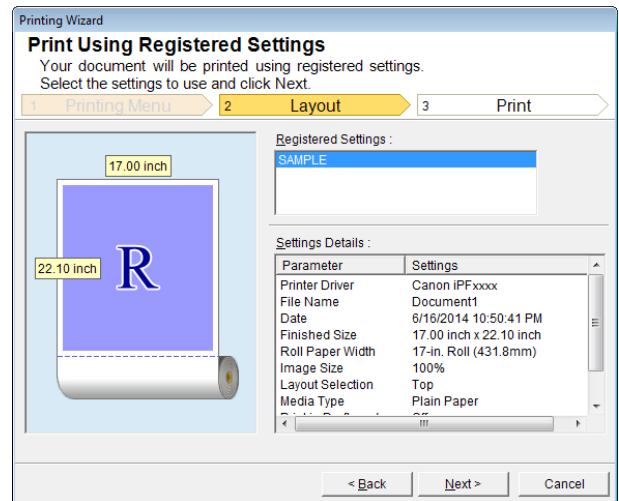


**3** Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon.  
The **Printing Wizard** dialog box is displayed.

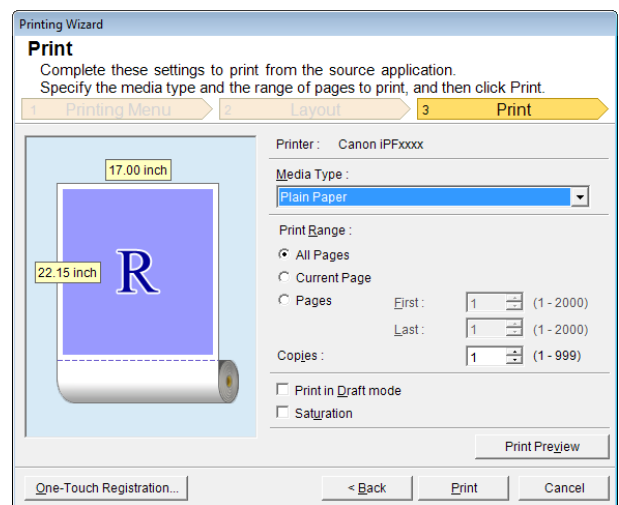


 **Important** • If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

**4** Click **Print Using Registered Settings**.



**5** Click the **Next** button.



**6** Select **Media Type**.

**7** Select **Print Range** from **All Pages**, **Current Page**, or **Pages**.  
If **Pages** is selected, enter the number of pages.

**8** Enter **Copies**.



Note

- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- The maximum print length when printing with the registered settings is the lesser of 5.587 times the roll paper width, or 18.0m.

**9** Press **Print** to start printing.

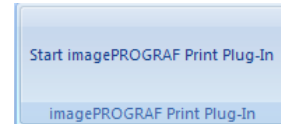
## Portrait Orientation/Landscape Orientation(Word)

Print to the edge of the roll width. You can print large exhibits and posters, or print the Landscape or Portrait Orientation Page Sizes made in the **Large-Format Printing Wizard**.

### Create Page Size in Portrait or Landscape Orientation.

Use the **Large-Format Printing Wizard** to create portrait page sizes for Potrait Orientation, and landscape page sizes for Landscape Orientation.

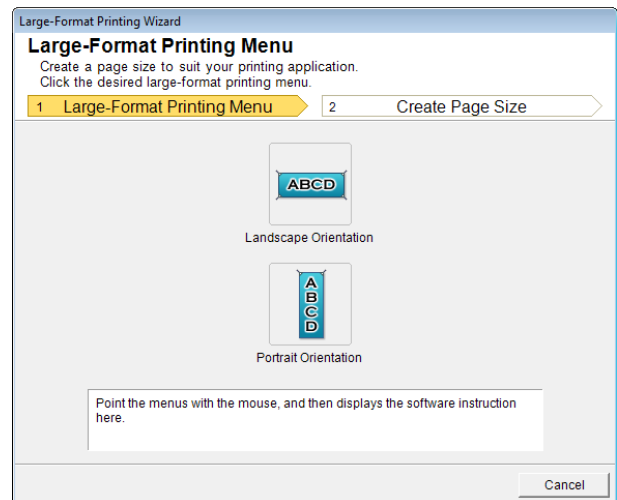
- 1 Start **Microsoft Word**.
- 2 If **Start imagePROGRAF Print Plug-In** is displayed, click it.



- 3 Click **Paper Settings** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Large-Format Printing Wizard** dialog box is displayed.

**Note**

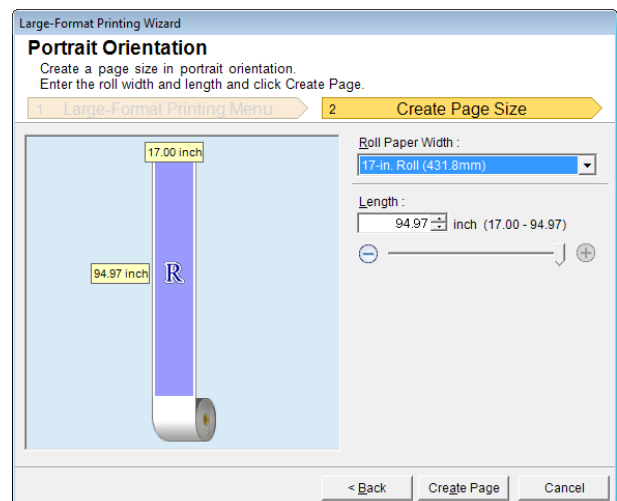
- If you want to change the display to another file or application while the **Large-Format Printing Wizard** is open, close the **Large-Format Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.



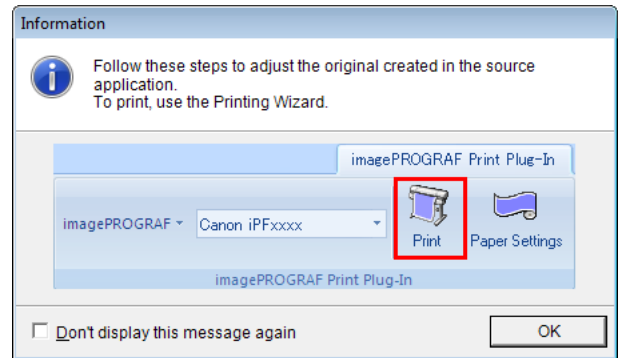
- 4 Click **Portrait Orientation** or **Landscape Orientation**.

**Note**

- The steps taken to create a Portrait Page Size will be used as an example to explain the procedure.



- 5** Adjust **Length** from the list-box or slide-bar.
- 6** Click the **Create Page** button.
- 7** Click **OK** if the message is displayed.



- 8** Edit and create the document.



• Printing is done in **Print Matching Roll Width** of the **Printing Wizard**. For details on **Print Matching Roll Width**, see "Print Matching Roll Width(Word)." → P.225



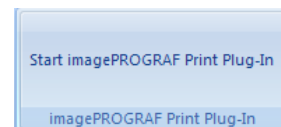
Important

• The layout may collapse if you create a form using existing data. If that is the case, modify the data again.

## To start from Microsoft PowerPoint

Below are the steps to start **Print Plug-In for Office** from **Microsoft PowerPoint**.

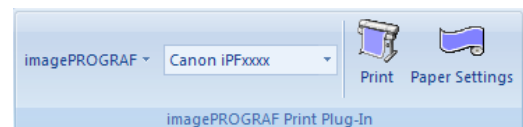
- 1** Start **Microsoft PowerPoint**.
- 2** If **Start imagePROGRAF Print Plug-In** is displayed on the toolbar/ribbon, click it.



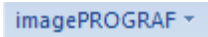
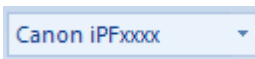

Important

• If the **imagePROGRAF Print Plug-In** toolbar/ribbon is not displayed, refer to the following.  
 • When **Print Plug-In for Office** is not displayed → P.220


- 3** Check that the **imagePROGRAF Print Plug-In** toolbar/ribbon is displayed.



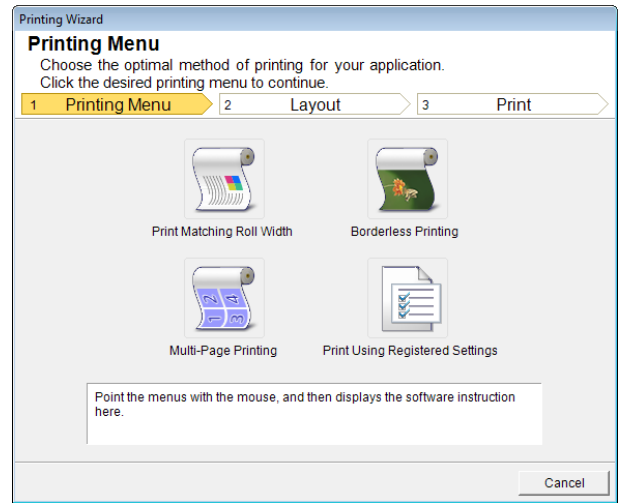
- 4** Click the buttons on the toolbar/ribbon according to the items you want to set.

Icon	Contents
 Menu	Displays the <b>About</b> , <b>Help</b> , and <b>Special Settings</b> dialog boxes. (See "Configuring Special Settings.") → P.252
 Printer list	Select Printer. If you select <b>Show All Printers</b> , the <b>imagePROGRAF</b> printers will be displayed again. Select this when you want to display all printer drivers or update the display.
 PrintButton	The print Wizard is displayed. The settings <b>Print Matching Roll Width</b> , <b>Borderless Printing</b> , <b>Multi-Page Printing</b> , and <b>Print Using Registered Settings</b> can be set.



Icon	Contents
 <p><b>Paper Settings</b> <b>Paper Settings</b> Button</p>	<p>Large-Format Wizard is displayed. Settings for Portrait or Landscape Orientation can be set.</p>

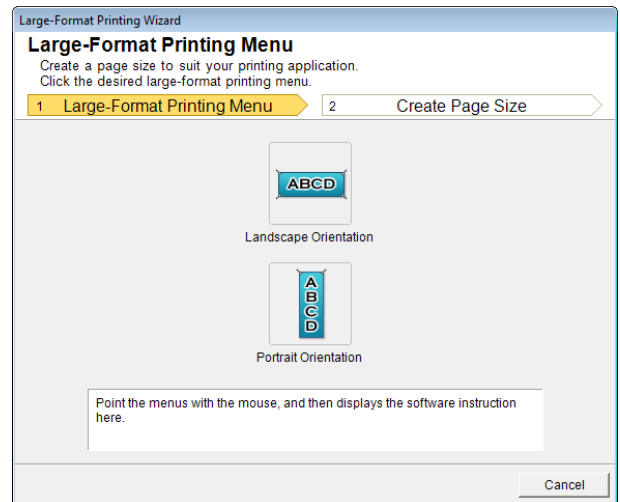
**Printing Wizard dialog box**



**Important** • If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

**Note** • If you open a password protected document as read-only, the **Printing Wizard** cannot be run.

**Large-Format Printing Wizard dialog box**



**Important** • If you want to change the display to another file or application while the **Large-Format Printing Wizard** is open, close the **Large-Format Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

• The layout may collapse if you create a form using existing data. If that is the case, modify the data again.

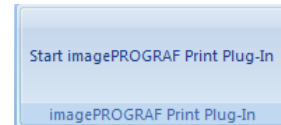
**Note** • If you open a password protected document as read-only, the **Large-Format Printing Wizard** cannot be run. Remove the password protection.

## Print Matching Roll Width(PowerPoint)

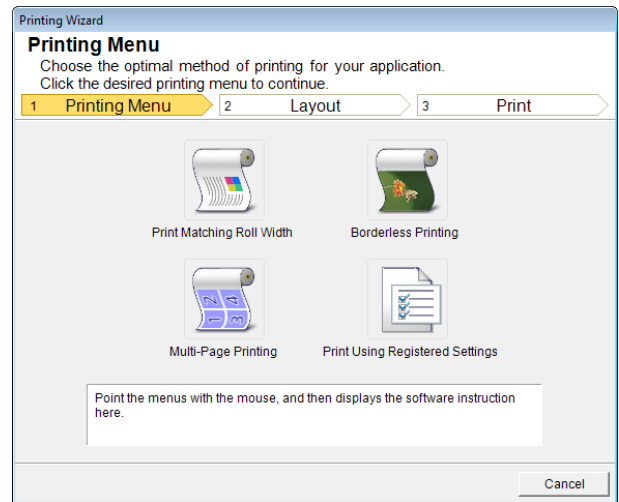
Prints to the edge of the roll width. You can print large exhibits and posters, and also print Portrait and Landscape orientations made in **Large-Format Printing Wizard**.

**1** Start **Microsoft PowerPoint**.

**2** If **Start imagePROGRAF Print Plug-In** is displayed, click it.

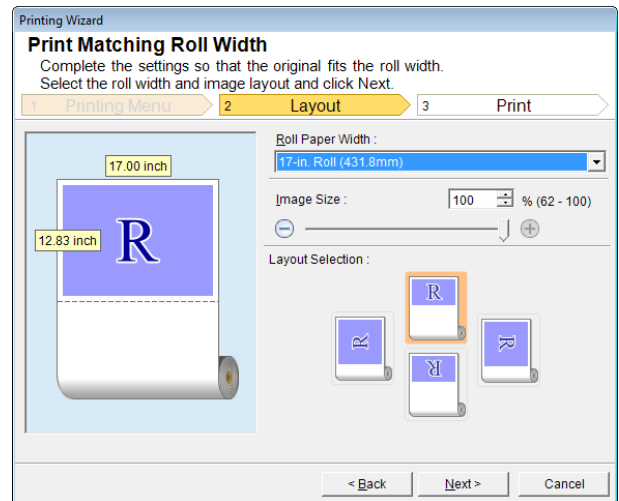


**3** Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Printing Wizard** dialog box is displayed.



• If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

**4** Click **Print Matching Roll Width**.

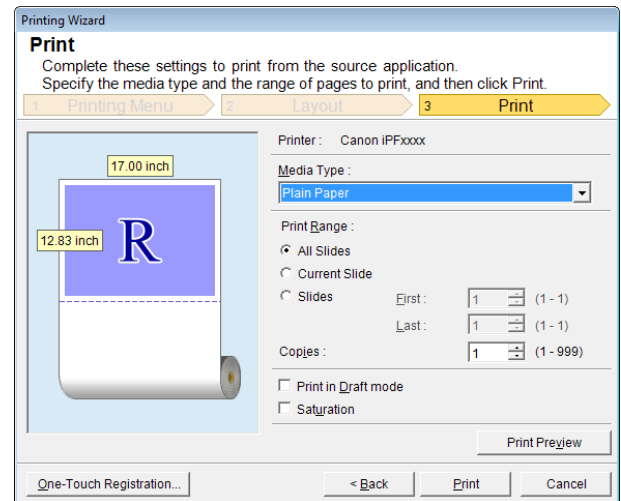


**5** Select **Roll Paper Width** that is set in the printer.

**6** Select image size.

**7** Select layout.

## 8 Select Next.



## 9 Select Media Type.

## 10 Select Print Range from All Slides, Current Slide, and Slides. If Slides is selected, enter the slide number.

## 11 Enter Copies.



Note

- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- The settings are registered when the **One-Touch Registration** is pressed. This is convenient if you need to print multiple times using the same setting.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- When you print to the edge of the roll width, the maximum length will be the lesser of 14.22 times the roll paper width, or 18.0m.

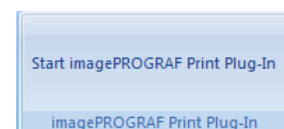
## 12 Press Print to start printing.

## Borderless Printing(PowerPoint)

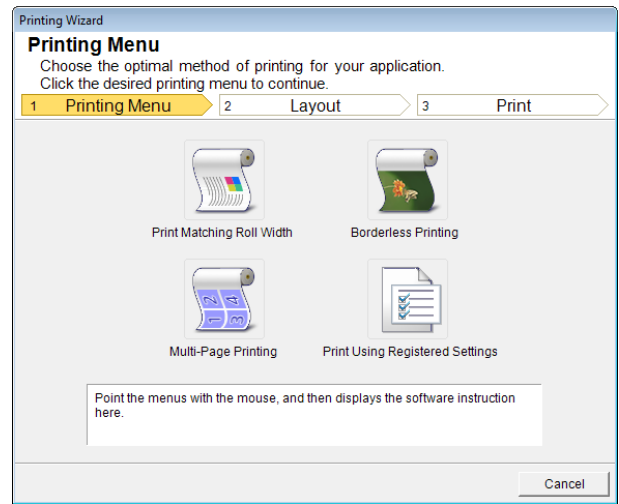
Prints up to the border of the media. Photos and posters can be printed without worrying about margins.

### 1 Start Microsoft PowerPoint.

### 2 If **Start imagePROGRAF Print Plug-In** is displayed, click it.

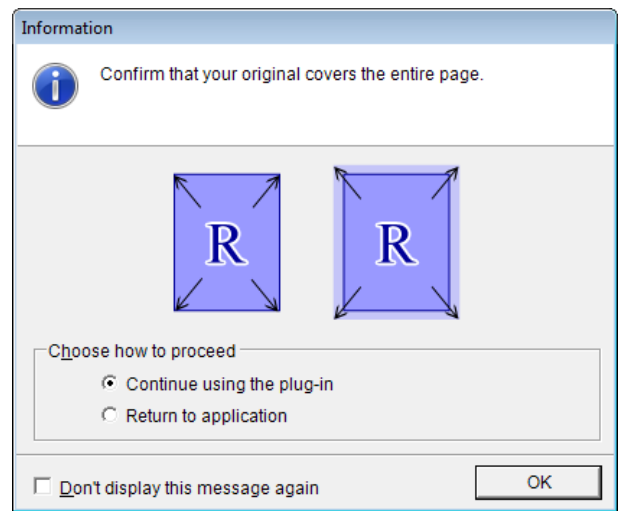


- 3 Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Printing Wizard** dialog box is displayed.



- If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

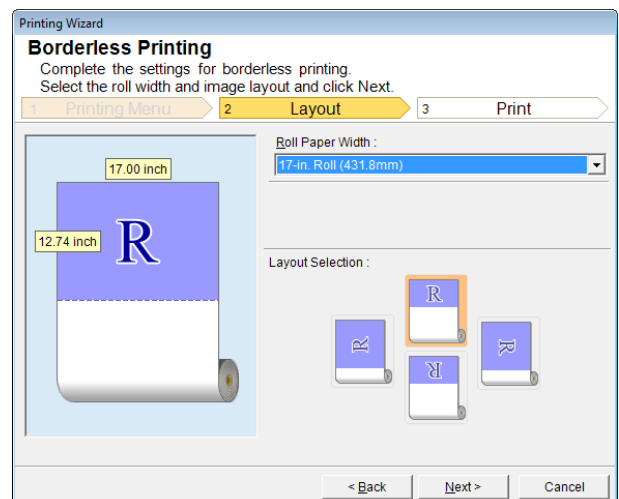
- 4 Click **Borderless Printing**.



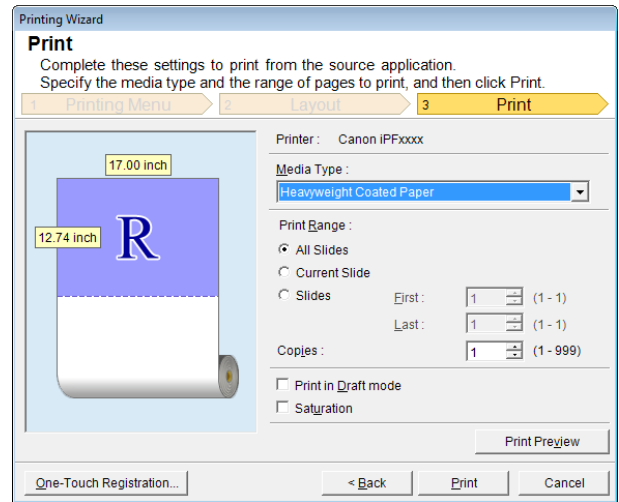
- 5 A confirmation dialog box is displayed. If the data fills up the page, confirm that **Continue using the plug-in** is selected in **Choose how to proceed** and press **OK**.



- To adjust the data, select **Return to application** and press **OK**. Exit **Print Plug-In for Office** and return to the application.



- 6** Select **Roll Paper Width** that is set in the printer.
- 7** Select layout.
- 8** Select **Next**.



- 9** Select **Media Type**.
- 10** Select **Print Range** from **All Slides**, **Current Slide**, and **Slides**. If **Slides** is selected, enter the slide number.
- 11** Enter **Copies**.

**Note**

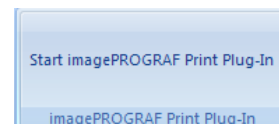
- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- Press the **One-Touch Registration** button to register the settings. This is useful for multiple printing using the same settings.
- Press the **Print Preview** button to display the preview screen. You can confirm and make changes to the layout in the preview screen.
- The maximum length for Borderless Printing is the lesser of 14.22 times the roll paper width, or 18.0m.

- 12** Press **Print** to start printing.

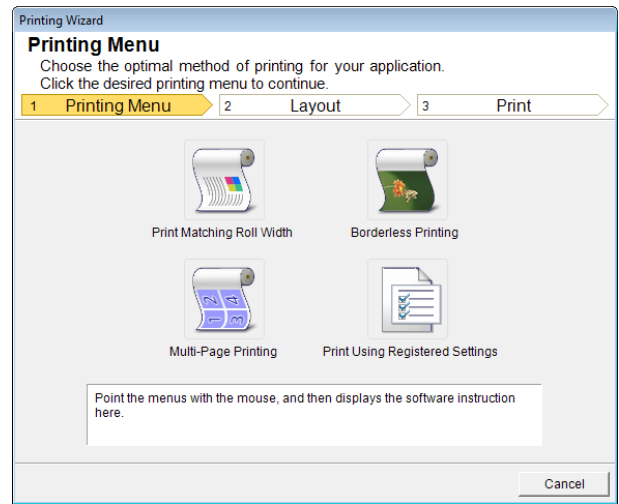
## Multi-Page Printing(PowerPoint)

Prints multiple pages as one page. You can print handouts into a single page, or print matter with many pages.

- 1** Start **Microsoft PowerPoint**.
- 2** If **Start imagePROGRAF Print Plug-In** is displayed, click it.

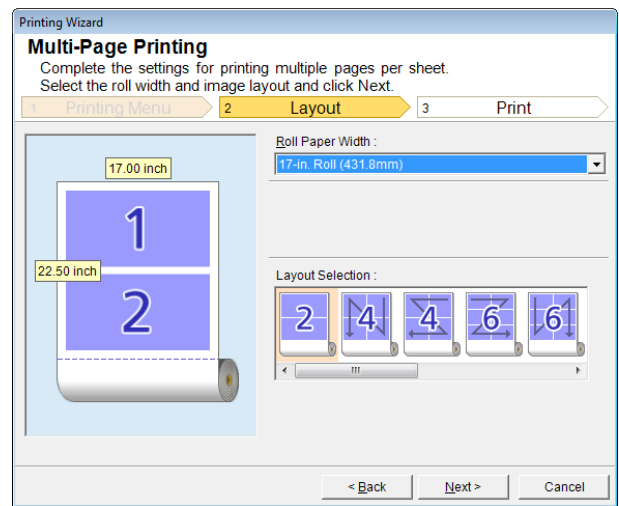


- 3 Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Printing Wizard** dialog box is displayed.



**Important** • If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

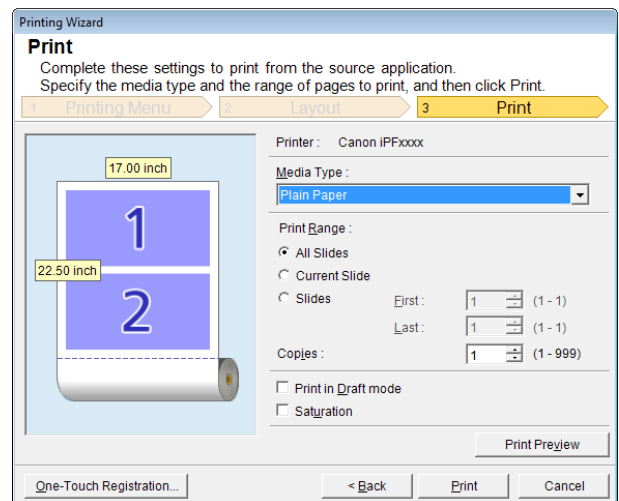
- 4 Click **Multi-Page Printing**.



- 5 Select **Roll Paper Width** that is set in the printer.

- 6 Select layout from **Layout Selection**.

- 7 Select **Next**.





Windows Software  
Print Plug-In for Office

**8** Select **Media Type**.

**9** Select **Print Range** from **All Slides**, **Current Slide**, and **Slides**.  
If **Slides** is selected, enter the slide number.

**10** Enter **Copies**.



-  • When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- Note**  • When **Saturation** is selected, you can print posters, etc., vividly.
- The settings are registered when the **One-Touch Registration** is pressed. This is convenient if you to need print multiple times using the same setting.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- The maximum length for Multi-Page Printing is the lesser of 14.22 times the roll paper width, or 18.0m.

**11** Press **Print** to start printing.

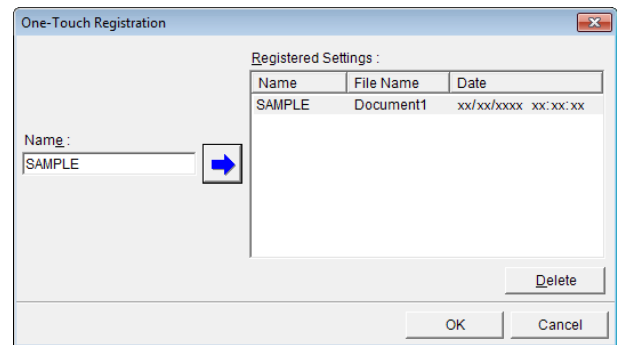
### Register the settings (PowerPoint)

If you are going to print multiple times using the same setting, you can select **One-Touch Registration**. Registered settings can be recalled from **Print Using Registered Settings**.

**1** Set up to the **Print** screen from **Print Matching Roll Width**, **Borderless Printing** or **Multi-Page Printing** of **Printing Menu**.

-  • Up to 20 items can be registered.
- Note**  • The available settings are as follows.
  - **Print Matching Roll Width(PowerPoint)** →P.236
  - **Borderless Printing(PowerPoint)** →P.237
  - **Multi-Page Printing(PowerPoint)** →P.239

**2** Click the **One-Touch Registration** button.




**3** Enter name in **Name**.  
Up to 31 characters can be entered.

**4** Click . The name you entered is displayed in **Registered Settings**.

**5** Click **OK**, and return to the **Print** screen.

**6** Click **Print** to print, and click **Cancel** to cancel the print.

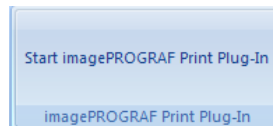
-  • Clicking **Cancel** in the **Print** screen will not delete the registered settings.

## Print Using Registered Settings(PowerPoint)

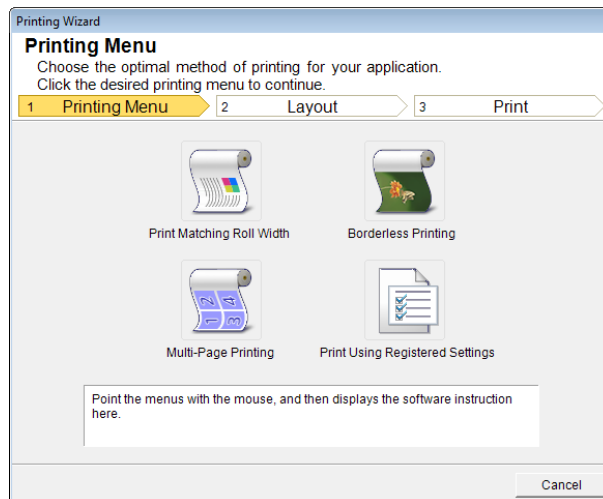
Prints using the registered settings.

**1** Start **Microsoft PowerPoint**.

**2** If **Start imagePROGRAF Print Plug-In** is displayed, click it.

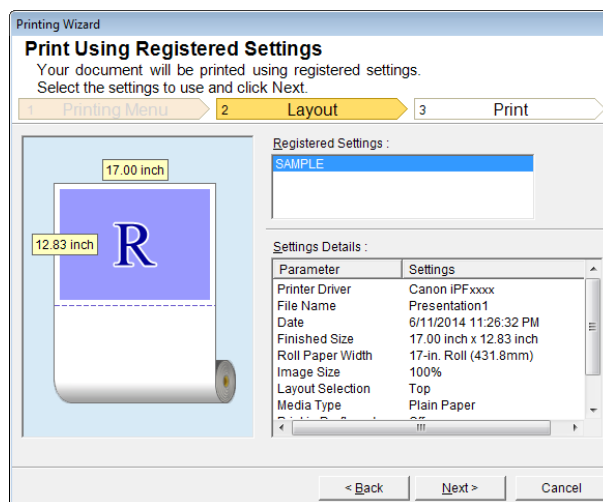


**3** Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Printing Wizard** dialog box is displayed.



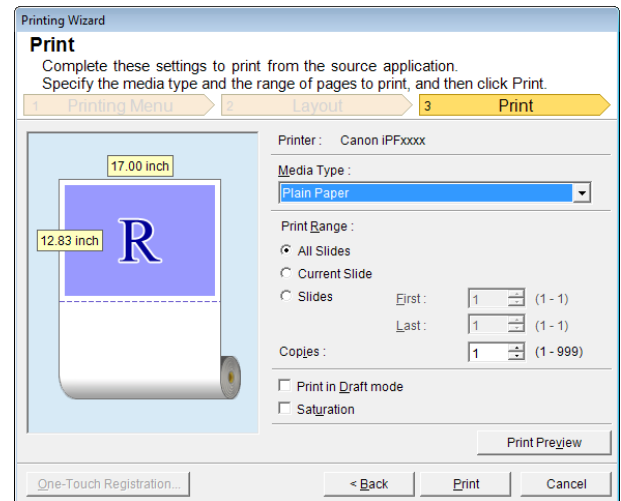
- If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

**4** Click **Print Using Registered Settings**.





**5** Click the **Next** button.



**6** Select **Media Type**.

**7** Select **Print Range** from **All Slides**, **Current Slide**, and **Slides**.  
If **Slides** is selected, enter the slide number.

**8** Enter **Copies**.



Note

- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- The maximum print length when printing with the registered settings is the lesser of 14.22 times the roll paper width, or 18.0m.

**9** Press **Print** to start printing.

## Portrait Orientation/Landscape Orientation(PowerPoint)

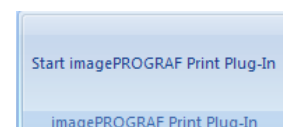
Print to the edge of the roll width. You can print large exhibits and posters, or print the Landscape or Portrait Orientation Page Sizes made in the **Large-Format Printing Wizard**.

### Create Page Size in Portrait or Landscape Orientation.

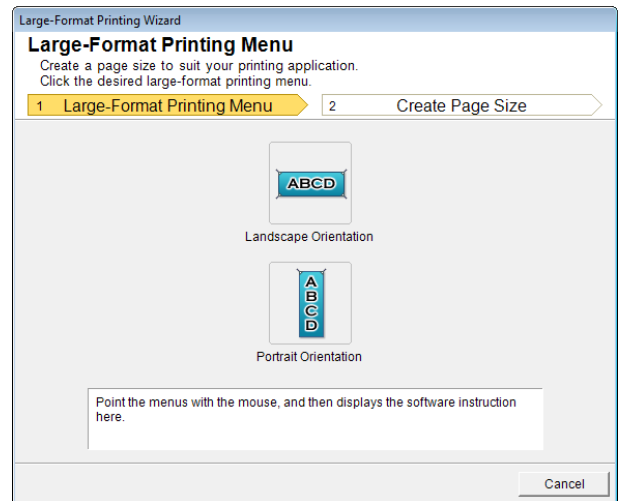
Use the **Large-Format Printing Wizard** to create portrait page sizes for Potrait Orientation, and landscape page sizes for Landscape Orientation.

**1** Start **Microsoft PowerPoint**.

**2** If **Start imagePROGRAF Print Plug-In** is displayed, click it.



- 3 Click **Paper Settings** from the **imagePROGRAF Print Plug-In** toolbar/ribbon. The **Large-Format Printing Wizard** dialog box is displayed.

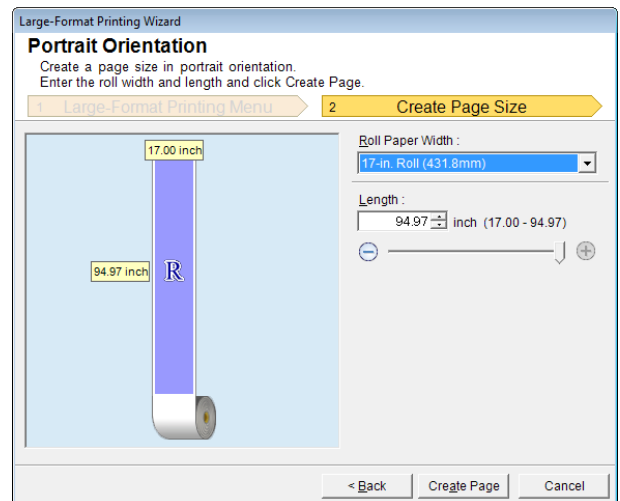


- If you want to change the display to another file or application while the **Large-Format Printing Wizard** is open, close the **Large-Format Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.

- 4 Click **Portrait Orientation** or **Landscape Orientation**.



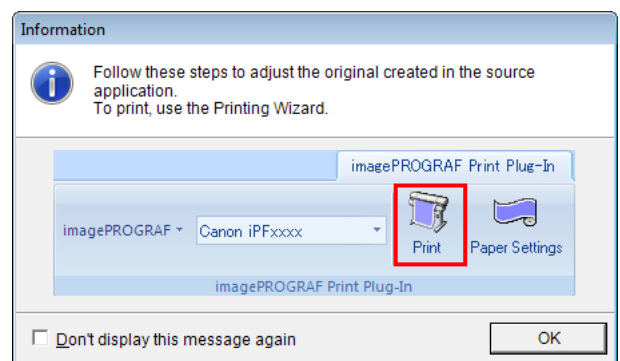
- The steps taken to create a Portrait Page Size will be used as an example to explain the procedure.



- 5 Adjust **Length** from the list-box or slide-bar.

- 6 Click the **Create Page** button.

- 7 Click **OK** if the message is displayed.



**8** Edit and create the document.



• The layout may collapse if you create a form using existing data. If that is the case, modify the data again.



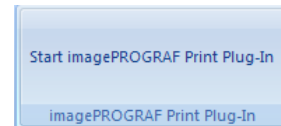
• Printing is done in **Print Matching Roll Width** of the **Printing Wizard**. For details on **Print Matching Roll Width**, see "Print Matching Roll Width(PowerPoint)." →P.236

**To start from Microsoft Excel**

Below are the steps to start **Print Plug-In for Office** from **Microsoft Excel**.

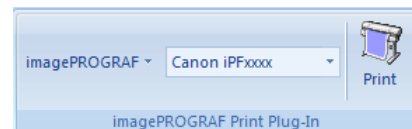
**1** Start **Microsoft Excel**.

**2** If **Start imagePROGRAF Print Plug-In** is displayed on the toolbar/ribbon, click it.

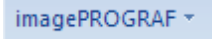
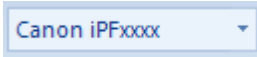
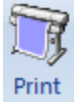


• If the **imagePROGRAF Print Plug-In** toolbar/ribbon is not displayed, refer to the following.  
• When **Print Plug-In for Office** is not displayed →P.220

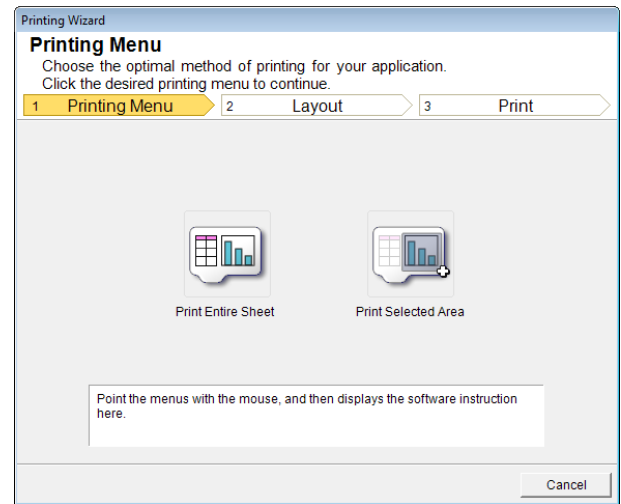
**3** Check that the **imagePROGRAF Print Plug-In** toolbar/ribbon is displayed.



**4** Click the buttons on the toolbar/ribbon according to the items you want to set.

Icon	Contents
 Menu	Displays the <b>About</b> , <b>Help</b> , and <b>Special Settings</b> dialog boxes. (See "Configuring Special Settings.") →P.252
 Printer list	Select Printer. If you select <b>Show All Printers</b> , the <b>imagePROGRAF</b> printers will be displayed again. Select this when you want to display all printer drivers or update the display.
 PrintButton	The print Wizard is displayed. The settings <b>Print Entire Sheet</b> and <b>Print Selected Area</b> can be set.

**Printing Wizard dialog box**



Important

- If you want to change the display to another file or application while the **Printing Wizard** is open, close the **Printing Wizard** dialog box. Otherwise, you may not be able to change displays or operate the toolbar/ribbon.
- The **Printing Wizard** will not start if you click the **Print** button on the toolbar/ribbon while editing a cell.
- When more than one worksheet is selected, the **Printing Wizard** cannot be run. Select only one worksheet and click **Print** again.
- When an object is selected, the **Printing Wizard** is not started if you click the **Print** button on the toolbar/ribbon.
- If the paper size in Excel is blank, the **Printing Wizard** cannot be run. From the **File** menu in Excel, select **Page Setup** and check **Paper size**.



Note

- If you click the **Print** button with a graph selected, a message dialog box will appear asking if you want to continue printing. If you click **No**, you will return to the application.
- If you click the **Print** button with a page break set, a message dialog box will appear asking if you want to continue printing. If you click **No**, you will return to the application. If you do not use the set page break, check the page break preview and change the setting.
- If you click the **Print** button with a page range set, a message dialog box will appear asking if you want to continue printing. If you click **No**, you will return to the application. If you do not use the set page range, check the page break preview and change the setting.
- If you click the **Print** button with a worksheet or cell protected, a message dialog box will appear asking if you want to continue printing. If you click **No**, you will return to the application. If you want to change the setting, remove the protection from the worksheet or cell.

**Print Entire Sheet(Excel)**

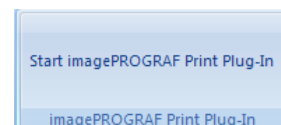
For resizing the entire sheet to fit the roll width. Choose this option to enlarge the currently displayed sheet before printing.

**1**

Start **Microsoft Excel**.

**2**

If **Start imagePROGRAF Print Plug-In** is displayed, click it.



**3**

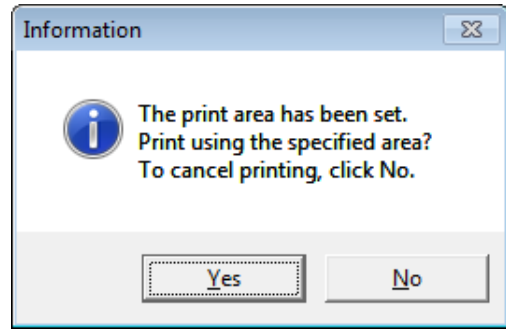
Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon.



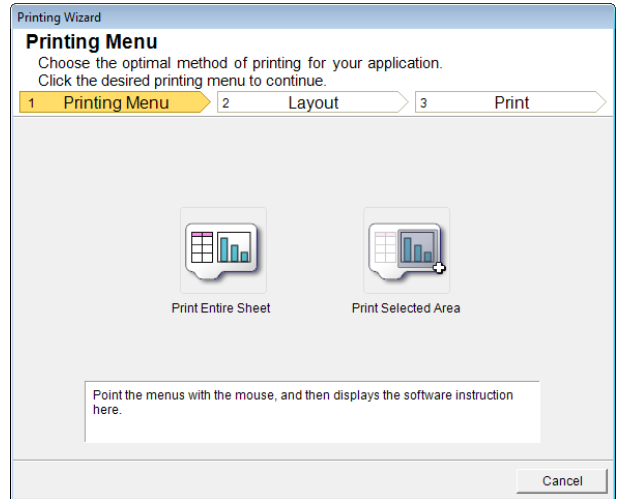
Important

- When more than one worksheet is selected, the **Printing Wizard** cannot be run. Select only one worksheet and click **Print** again.

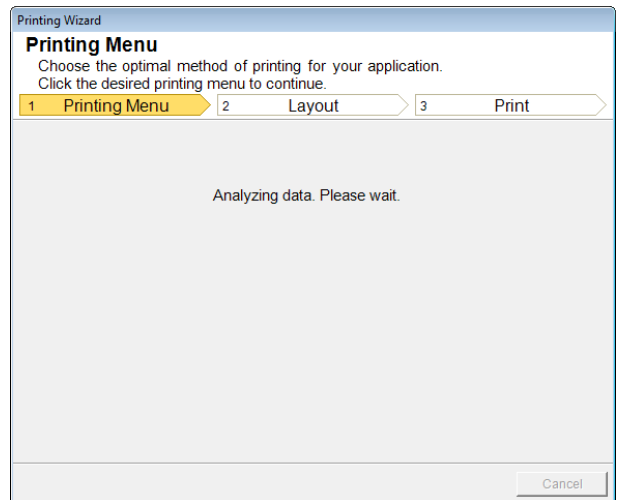
If a print area is set, a confirmation message dialog box will appear.  
To print the entire sheet, cancel the setting of the print area.



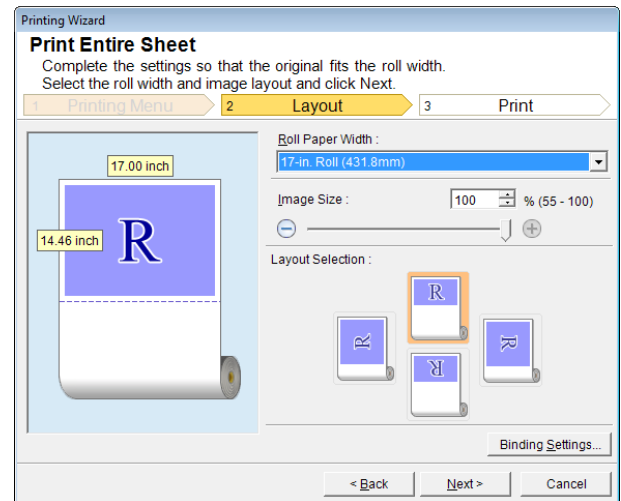
The **Printing Wizard** dialog box is displayed.



- 4** Click **Print Entire Sheet**.  
A message will appear informing you that analysis is in progress.



The Layout menu will appear automatically.



Note

- If data analysis requires time, a message dialog will appear. If you select **No**, you will return to the application.

**5** Select **Roll Paper Width** that is set in the printer.

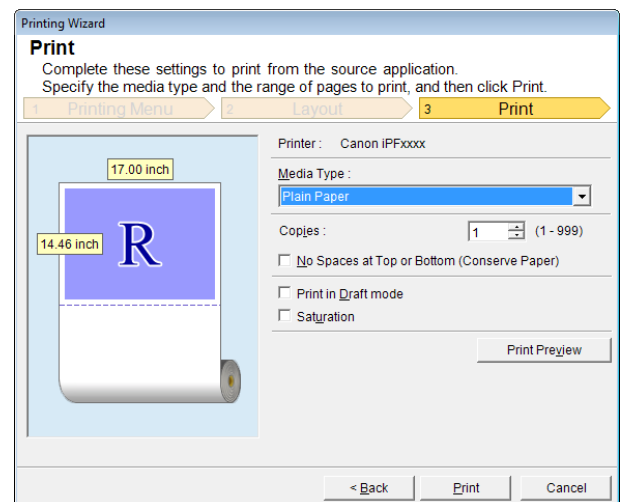
**6** Select image size.

**7** Select layout.

**8** To configure **Binding**, click the **Binding Settings** button.

Refer to "Configuring Binding (Excel)" → P.251 for details on the procedure for configuring **Binding**.


**9** Select **Next**.




**10** Select **Media Type**.

**11** Enter **Copies**.

**12** If the upper and lower margins are too wide, check **No Spaces at Top or Bottom (Conserve Paper)**. The upper and lower margins can be checked in **Print Preview**.

-  **Note** • When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- When you print to the edge of the roll width, the maximum print length is 18.0m.

**13** Press **Print** to start printing.

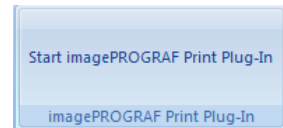
-  **Important** • If divided into plural pages, try reducing the data size or the range you select.
- You cannot run **Print** or **Print Preview** if you select it for a worksheet with no data displayed.

### Print Selected Area(Excel)


For resizing the selected range of cells to fit the roll width. Choose this option to enlarge a particular part of the sheet before printing.

**1** Start **Microsoft Excel**.

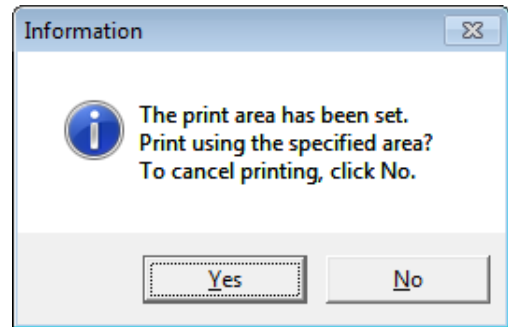
**2** If **Start imagePROGRAF Print Plug-In** is displayed, click it.



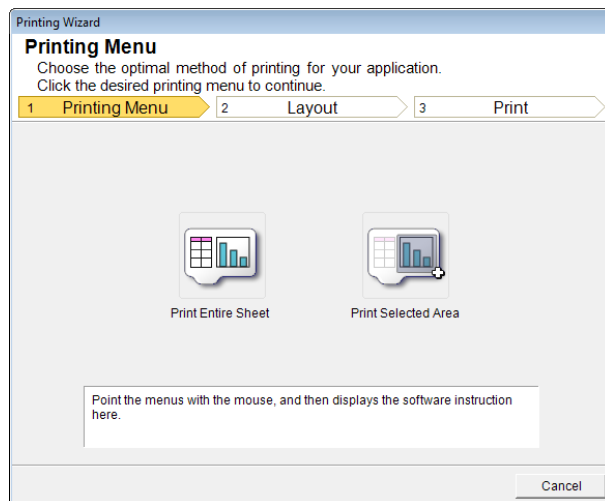
**3** Click **Print** from the **imagePROGRAF Print Plug-In** toolbar/ribbon.

-  **Important** • When more than one worksheet is selected, the **Printing Wizard** cannot be run. Select only one worksheet and click **Print** again.

If a print area is set, a confirmation message dialog box will appear.  
To print the selected area, cancel the setting of the print area.



The **Printing Wizard** dialog box is displayed.

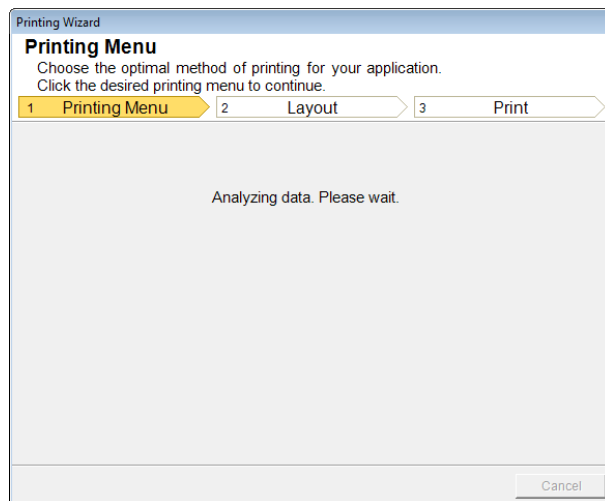


**4** Click **Print Selected Area**.

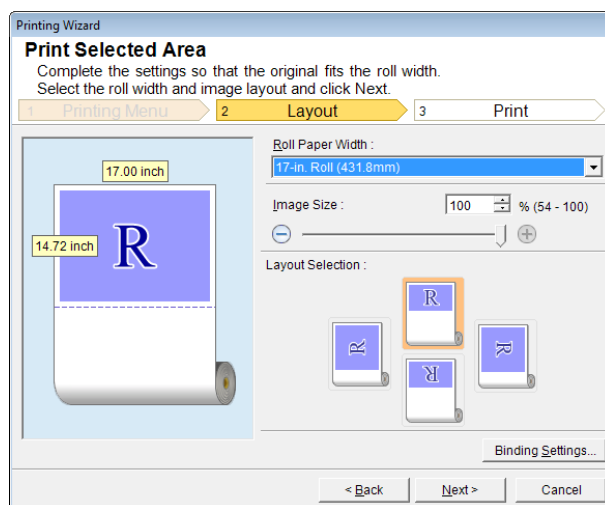
**Important**

- If only one cell is selected, **Print Selected Area** cannot be selected.

A message will appear informing you that analysis is in progress.



The Layout menu will appear automatically.



**Important**

- If the range selected in **Excel 2007 or later** is too large, it will not be possible to analyze the data. Select a smaller range and then run the analysis.





If data analysis requires time, a message dialog will appear. If you select **No**, you will return to the application.

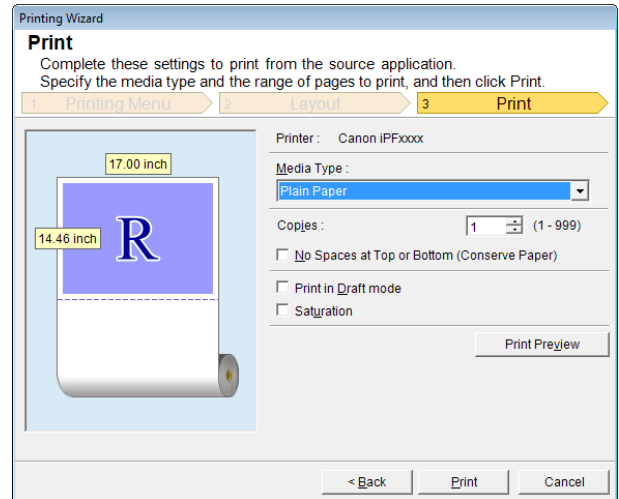
**5** Select **Roll Paper Width** that is set in the printer.

**6** Select image size.

**7** Select layout.

**8** To configure **Binding**, click the **Binding Settings** button. Refer to "Configuring Binding (Excel)" →P.251 for details on the procedure for configuring **Binding**.

**9** Select **Next**.



**10** Select **Media Type**.

**11** Enter **Copies**.

**12** If the upper and lower margins are too wide, check **No Spaces at Top or Bottom (Conserve Paper)**. The upper and lower margins can be checked in **Print Preview**.



- When **Print in Draft mode** is selected, printing is fast but the print quality is poor.
- When **Saturation** is selected, you can print posters, etc., vividly.
- Press the **Print Preview** button to display the preview screen. You can check and make changes to the layout in the preview screen.
- When you print to the edge of the roll width, the maximum print length is 18.0m.

**13** Press **Print** to start printing.



**Important** • You cannot run **Print** or **Print Preview** if you select it for a worksheet with no data displayed.

## Configuring Binding (Excel)

You can configure **Binding** margins for binding printouts.

**1** Configure the settings up to **Layout Selection** in the **Layout** screen in **Print Entire Sheet** or **Print Selected Area**.

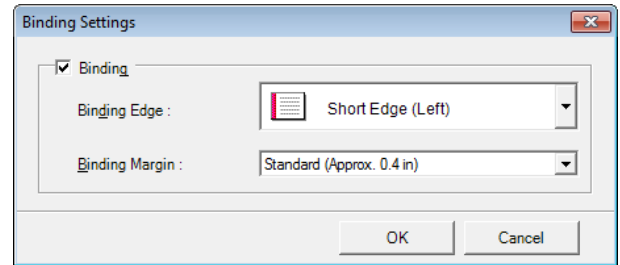
Refer to "Print Entire Sheet(Excel)" →P.246 and "Print Selected Area(Excel)" →P.249 for the configuration methods.

**2** Click the **Binding Settings** button.

**Important**

- You cannot click the **Binding Settings** button in the following situations.
  - When the **Image Size** is set to a value smaller than **100%**
  - When a graph is selected
  - When page breaks have been set
  - When a sheet or cell is protected

Open the **Binding Settings** dialog box.



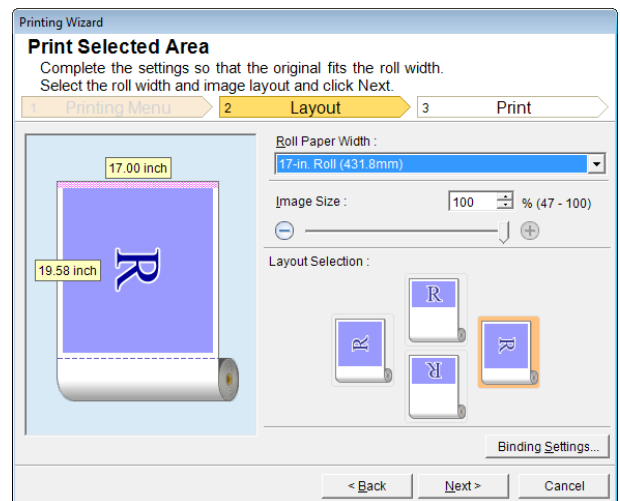
**3** If the **Binding** checkbox is not checked, select it to turn binding on.

**4** Select **Binding Edge**.

**5** Select **Binding Margin**.

**6** Click the **OK** button.  
Return to the **Layout** screen.

Check that the **Binding** settings are applied in the preview screen.

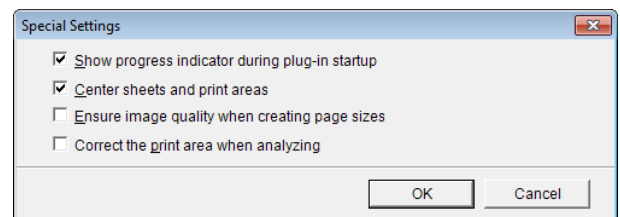


**7** Configure the settings in the **Printing Wizard** dialog box.

## Configuring Special Settings

You can configure **Special Settings** from the **imagePROGRAF Print Plug-In** toolbar.

**1** Click **imagePROGRAF** in the toolbar, and select **Special Settings**.



**2** Turn the checkbox for the item you want to change on or off.

Item	Details
<b>Show progress indicator during plug-in start-up</b>	When this setting is off, hides the progress indicator that appears while the plug-in is starting up.

Item	Details
<b>Center sheets and print areas</b>	When this setting is off, printing is performed without changing the position. When this setting is on, printing is performed with the top, bottom, left, and right margins layed out equally. When this setting is off, printing is performed without changing the position. This function is only valid in <b>Microsoft Excel</b> .
<b>Ensure image quality when creating page sizes</b>	When this setting is on, documents are created at the maximum size. This reduces the enlargement ratio during actual printing, which minimizes degradation of the quality of photos, etc. This function is only valid in <b>Microsoft PowerPoint</b> .
<b>Correct the print area when analyzing</b>	For data that cannot be processed with usual data analysis, the print area is corrected and then the data is processed. When data analysis fails, you may be able to print by turning on this checkbox. This function is only valid in <b>Microsoft Excel</b> .

**3**Click **OK** to close the **Special Settings** dialog box.

# Memo

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145

## Mac OS Software

Printer Driver .....	256
Preview .....	274
Free Layout .....	295
→ Printmonitor .....	499
→ Media Configuration Tool .....	397

Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

# Printer Driver

- Printer Driver Settings ..... 256
- Specifying Paper in the Printer Driver ..... 257
- Confirming Print Settings ..... 258
- Checking the Layout in a Preview Before Printing ..... 259
- Using Favorites ..... 259
- Accessing the Printer Driver Dialog Box from Applications ..... 260
- Main Pane ..... 260
  - Paper Detailed Settings Dialog Box ..... 264
  - View set. Dialog Box for the Printing Application ..... 266
  - Matching pane ..... 266
  - Color Settings Pane: Color ..... 268
  - Object Adjustment dialog box: Color ..... 269
  - Color Settings Pane: Monochrome ..... 270
  - Object Adjustment dialog box: Monochrome ..... 271
- Page Setup Pane ..... 271
- Additional Settings Pane ..... 272

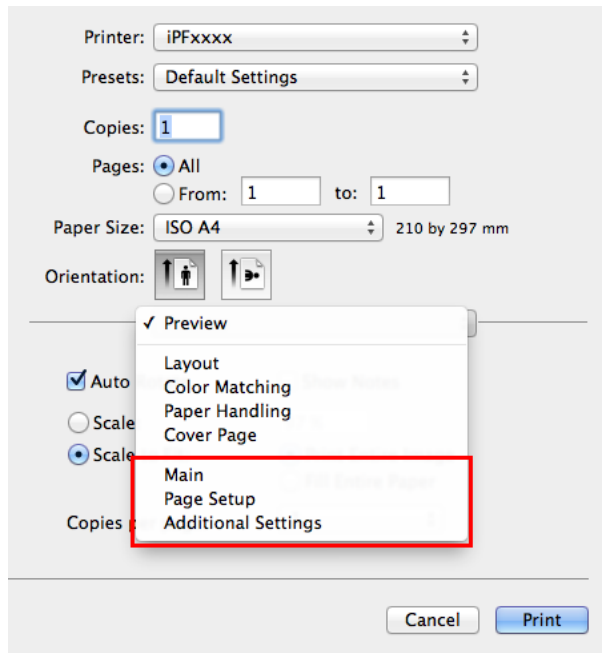
Mac OS Software

Printer Driver

## Printer Driver Settings

For instructions on accessing the Mac OS printer driver, refer to the following topics.

- **Accessing the Printer Driver Dialog Box from Applications** →P.260



For information on the Mac OS printer driver settings, refer to the following topics.

- **Main Pane** →P.260

You can specify the media type, color processing, print quality, print preview, and other settings. Choose **Easy Settings** to specify basic print settings based on the printing application or **Advanced Settings** to complete more detailed settings as desired.

- **Paper Detailed Settings Dialog Box** →P.264
- **View set. Dialog Box for the Printing Application** →P.266
- **Color Settings Pane: Color** →P.268
- **Object Adjustment dialog box: Color** →P.269
- **Matching pane** →P.266
- **Color Settings Pane: Monochrome** →P.270

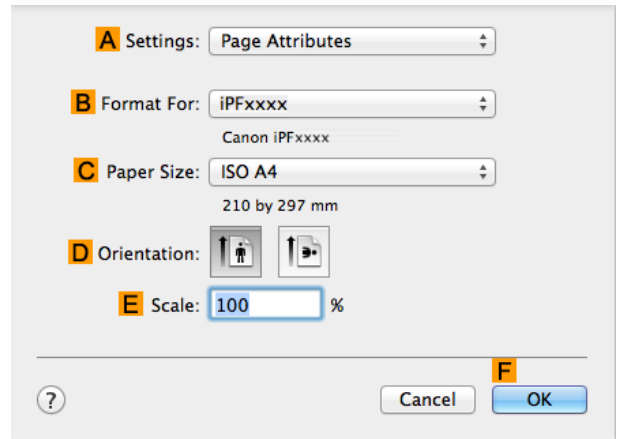
- **Object Adjustment dialog box: Monochrome** →P.271
- **Page Setup Pane** →P.271  
You can specify the page size of the original, borderless printing, enlargement or reduction, the orientation, the paper size and source, and automatic cutting.
- **Additional Settings Pane** →P.272  
You can configure the method of outputting print jobs to the printer.

With the **imagePROGRAF Free Layout** feature, you can arrange originals from various source applications on a single page before printing. For details, see "**Free Layout.**" →P.295  
 With the **imagePROGRAF Preview** feature, you can check the layout before printing and adjust layout or size settings while viewing a preview screen. For details, see "**Preview.**" →P.274

## Specifying Paper in the Printer Driver

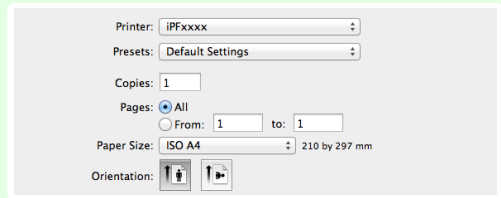
If you have replaced the paper, you must complete the following settings in the printer driver.

- 1** Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



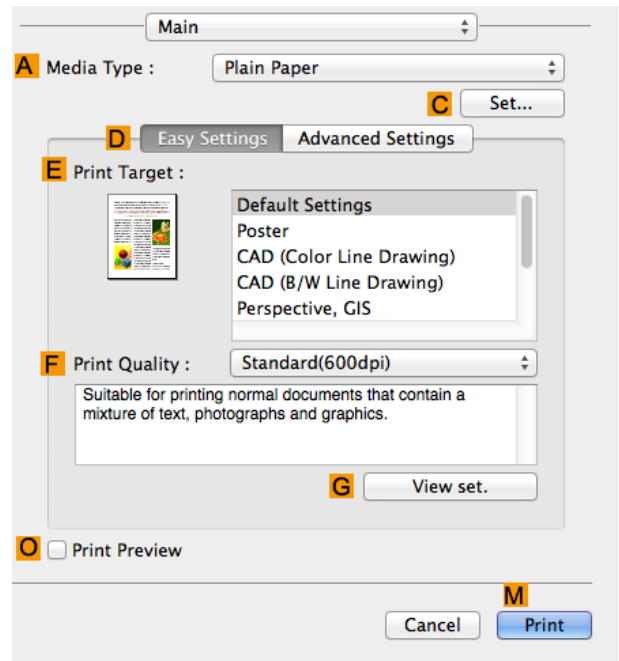
**Note**

- **Page Setup** might not be displayed in the menu depending on the OS you are using and the application software. In this case, select **Print** from the menu in the application software, and configure the settings in the upper part of the printer driver screen that is displayed.



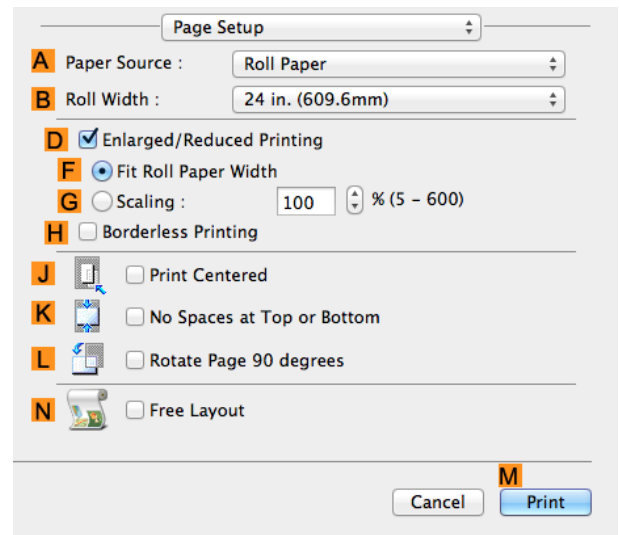
- 2** Select the printer in the **B Format for** list.
- 3** Choose the original size in the **C Paper Size** list.
- 4** Click **F OK** to close the dialog box.
- 5** In the application menu, choose **Print**.

**6** Access the **Main** pane.




**7** In the **A Media Type** list, select the type of paper that is loaded.

**8** Access the **Page Setup** pane.



**9** In the **A Paper Source** list, select how paper is supplied.

**10** If **Roll Paper** is selected in **A Paper Source**, select the width of the roll paper that is loaded in **B Roll Width**.

 **Note** • A variety of settings are available in the printer driver to suit different printing applications. For details on available printing conditions, see "Printer Driver Settings ." →P.256

## 258 Confirming Print Settings

The ways to confirm what printing conditions have been specified are as follows.

### Checking a print preview

You can check an image of the original just as it will be printed.

Confirming the image of print jobs beforehand helps prevent printing errors.

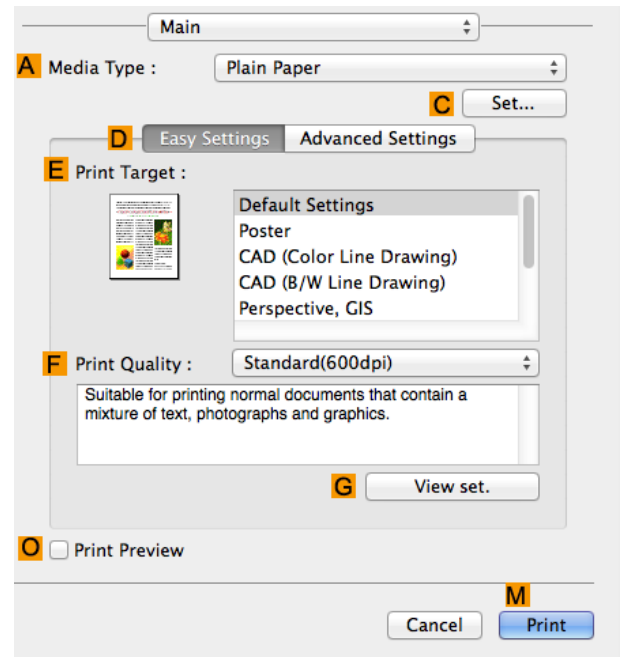
For details on print previews, see "Checking the Layout in a Preview Before Printing." →P.133



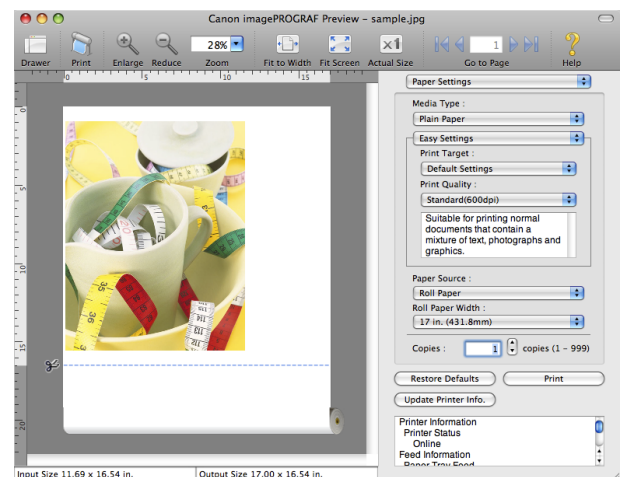
## Checking the Layout in a Preview Before Printing

This topic describes how to check the layout before printing using the **Canon imagePROGRAF Preview** function.

- 1 Choose **Print** in the application menu.
- 2 Access the **Main** pane.



- 3 Select the **Print Preview** check box.
- 4 Click **Print**.
- 5 The **Canon imagePROGRAF Preview** window is displayed.



- 6 Check the layout and adjust settings in the **Canon imagePROGRAF Preview** window as desired.
- 7 Print from the **Canon imagePROGRAF Preview** menu.



Note

- For details on **imagePROGRAF Preview** functions, see "Preview." →P.274

## Using Favorites

You can use the **Presets** function in Mac OS for favorite-based printing.



- You can save the current print settings by clicking **Save Current Settings as Preset** (or **Save As** depending on your version of operating system) from the **Presets** list in the printing dialog box. This function is supported by the operating system. Refer to the Mac OS manual for details.

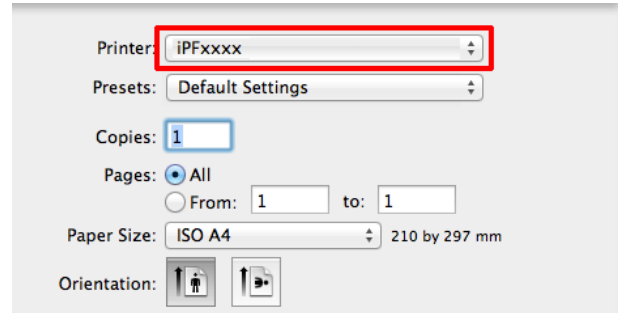
## Accessing the Printer Driver Dialog Box from Applications

**1** In the application software, select **Print** from the **File** menu to display the dialog box for printing conditions.

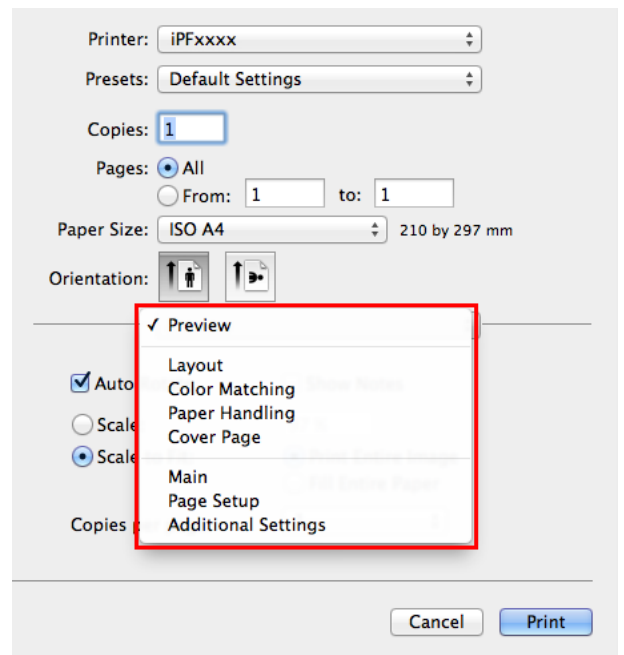


- This dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on.

**2** Select the printer in the **Printer** list.



**3** Click **Print** to start printing. As shown in the following illustration, you can switch to other panes in this dialog box to complete settings for various methods of printing, including enlarged and reduced printing, borderless printing, and so on.



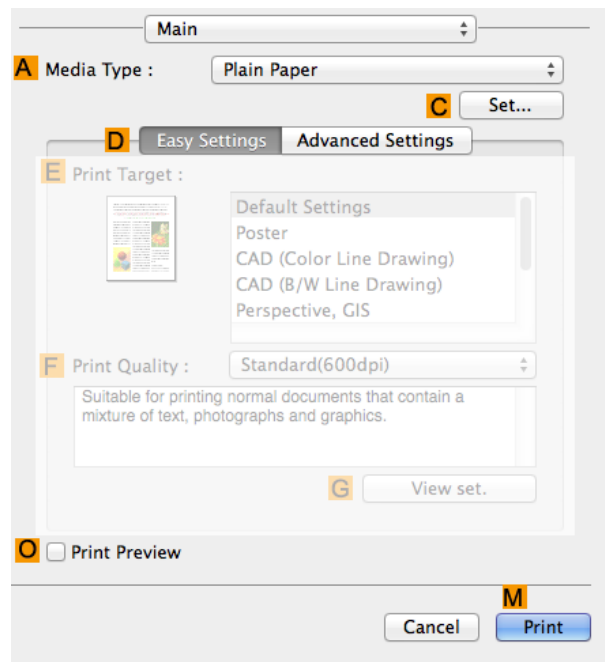
## Main Pane

The following settings are available on the **Main** pane. For details on settings items, refer to the printer driver help.



- On the **Main** pane, choose **Easy Settings** to specify basic print settings based on the print target, or switch to **Advanced Settings** to complete more detailed settings as desired.

## Common Items



- **A Media Type**

Select the paper type.

For information on the types of paper the printer supports, refer to the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide.") →P.323

- **C Set**

Displays **Paper Detailed Settings**. You can configure the printing settings to match the type of media, such as the ink drying time.

- Paper Detailed Settings Dialog Box →P.264

- **O Print Preview**

When the check box is selected, **imagePROGRAF Preview** is launched before printing.

This allows you to check on-screen previews of documents before printing.

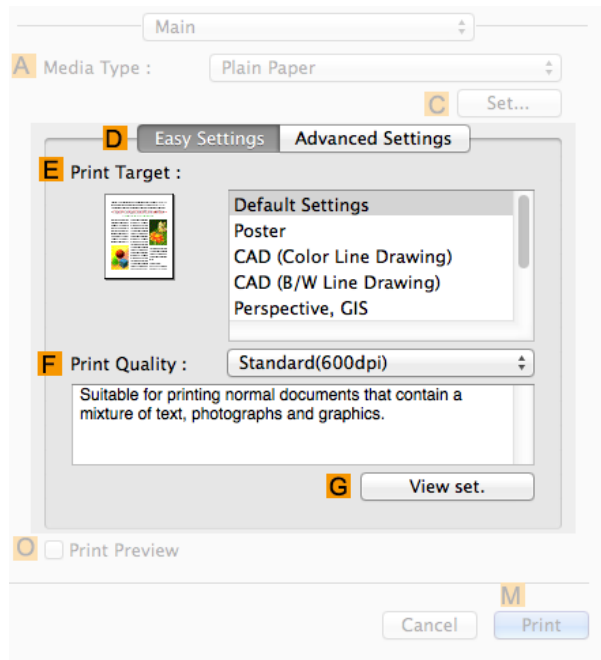


Important

- When **Free Layout** is selected on the **Page Setup** panel, **Free Layout** is disabled.

- Checking the Layout in a Preview Before Printing →P.133

## Configuration using **Easy Settings**



- **E Print Target**

Choose presets that match the type of document to be printed.

- Printing Photos and Images →P.31
- Printing Office Documents →P.35

- **F Print Quality**

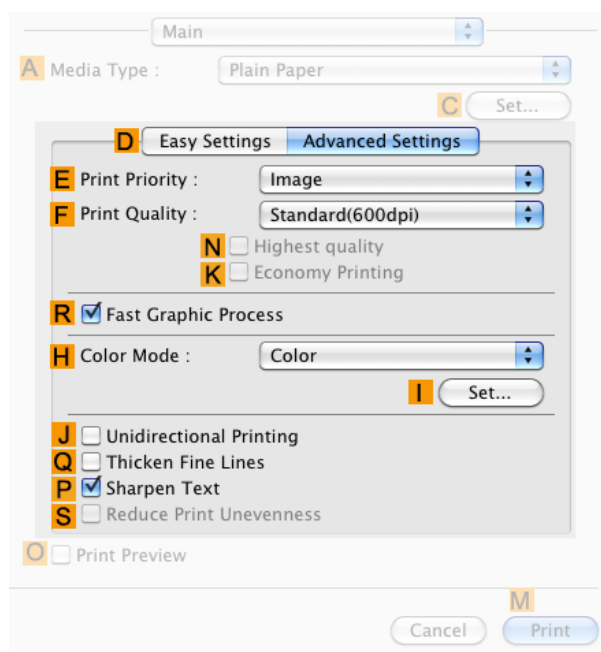
Choose the level of print quality.

- **G View set.**

Click to display the **View set.** dialog box, which enables you to confirm the settings for the selected item from the **E Print Target** list or change the order of items listed in **E Print Target**.

- View set. Dialog Box for the Printing Application →P.266

## Configuration using **Advanced Settings**



- **E Print Priority**

Choose the graphic elements that you want to emphasize for printing.

- Giving Priority to Particular Graphic Elements and Colors for Printing →P.54

- **F Print Quality**

Choose the level of print quality.

- Giving Priority to Particular Graphic Elements and Colors for Printing →P.54

- **N Highest quality**

When the check box is selected, printing is performing focusing on quality. Printing takes longer and consumes more ink than in other modes, but this mode offers superior printing quality.



Note

- If you set **F Print Quality** to **High**, you can select **N Highest quality**. However, depending on **A Media Type**, you may not be able to select **N Highest quality**.

- **K Economy Printing**

When this mode is selected, you can print with less ink consumed. However, print quality is lower than in regular printing. Select this option to save ink, such as when printing to check drawings. Depending on the **A Media Type** and **F Print Quality** settings, this mode may not be available.



Note

- If you set **F Print Quality** to **Fast**, you can select **K Economy Printing**. However, depending on **A Media Type**, you may not be able to select **K Economy Printing**.

- **R Fast Graphic Process**

Select this option to print faster than usual, when possible.

- **H Color Mode**

Choose the color mode.

- Giving Priority to Particular Graphic Elements and Colors for Printing →P.54

- **I Set**

Click to display the **Color Settings** dialog box for more advanced color settings.

- Adjusting the Color in the Printer Driver →P.48

- **J Unidirectional Printing**

Select this checkbox to prevent problems such as misaligned lines and improve the print quality. However, the printing speed becomes slower.

- **Q Thicken Fine Lines**

Select this check box to print fine lines more distinctly.

- **P Sharpen Text**

Select this check box to print text more sharply.

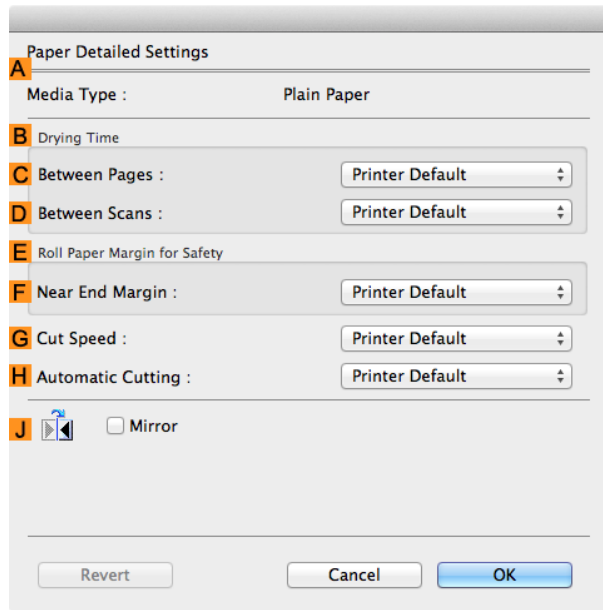
- **S Reduce Print Unevenness**

Select this checkbox for two-pass printing to reduce color shading.

This option is displayed if you have selected Plain Paper in **Media Type** and **Office Document** in **Print Priority**.

## Paper Detailed Settings Dialog Box

The **Paper Detailed Settings** dialog box offers the following settings. For details on settings items, refer to the printer driver help.



- To display the **Paper Detailed Settings** dialog box, on the **Main** pane, click **Set by Media Type**. (See "Main Pane.") →P.260

### A Media Type

The paper selected with **Media Type** of the **Main** panel is displayed. For information on the types of paper the printer supports, refer to the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide.") →P.323

### B Drying Time

Specify the time that the printer waits for ink to dry, as needed. The **Between Pages** setting is only valid for rolls.

- C Between Pages**

You can set the time to wait after printing 1 document page until ejecting the paper. Since waiting time is required for ink to dry before a roll is cut, you can deliver paper in the Output Stacker with the ink dried even if **Cutting Mode** is set to **Automatic**.

Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>None</b>	Paper is ejected immediately after printing completes.
<b>30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / 60 min.</b>	Paper is ejected when the set time elapses after printing completes.

- D Between Scans**

You can set the time to wait after printing 1 line on a page until printing the next line. Set this to avoid bleeding or color unevenness such as when bleeding occurs on a page or when color unevenness occurs during borderless printing.

Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>None</b>	The next line is printed immediately after a line is printed.
<b>1 sec. / 3 sec. / 5 sec. / 7 sec. / 9 sec.</b>	The next line is printed when the set time elapses after a line is printed. * Increase the time according to the occurrence condition of bleeding or unevenness.

## E Roll Paper Margin for Safety

You can specify the length of a margin on the leading edge of paper to ensure that paper susceptible to curling is held firmly against the Platen.

### • F Near End Margin

Specify the length of the **Near End Margin** (the leading edge margin) of the roll, as needed.

Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>3 mm (0.12 in)</b>	The document is printed in the standard size. * Select this when you do not have any problems in printing.
<b>20 mm (0.8 in)</b>	Select this when rubbing against the printhead occurs such as when using paper that tends to curl.

## G Cut Speed

Select the speed of automatic cutting, as needed. You can adjust this setting if paper is not cut well when automatic cutting is used.

Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>High Speed</b>	When the <b>Standard</b> setting does not result in a clean cut surface, select this.
<b>Standard</b>	Select this when you do not have any problems in automatic cutting.
<b>Low Speed</b>	This helps prevent adhesive from sticking to the cutter and keeps the cutter sharp if you select it when using adhesive paper.

## H Automatic Cutting

Set whether to perform roll cutting automatically or print a cut line.  
The following settings are available for automatic cutting.

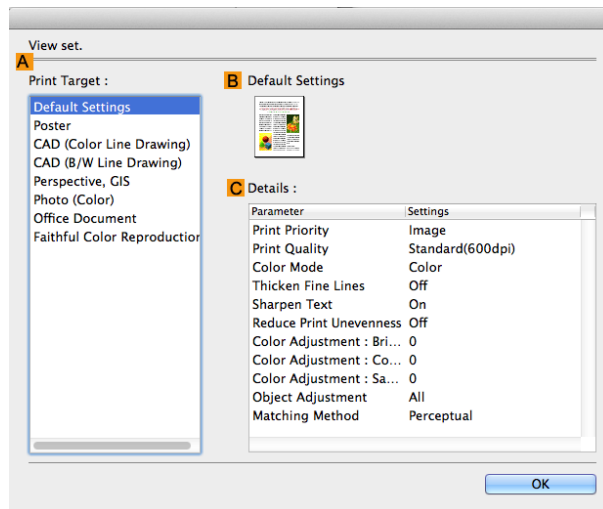
Setting Item	Details
<b>Printer Default</b>	The setting of the control panel of the printer is applied.
<b>None</b>	After printing completes, the roll is not cut per page, and the next page of data is printed successively.
<b>Print Cut Guideline</b>	After printing completes, a line is printed per page, and the next page of data is printed successively.

## J Mirror

Specify whether to print a mirror image, as needed. Select this option to print a version of the document or image with the left and right sides inverted.

## View set. Dialog Box for the Printing Application

In the **View set.** dialog box, you can check details of the selected printing application.



Note

- To display the **View set.** dialog box, on the **Main** pane, click **View set.** by **Print Target.** (See "Main Pane .") → P.260

- **A Print Target**

Shows all **Print Target** options (settings items for the printing application).

- **B Name**

Identifies the item selected in **Print Target** by its name and an icon.

- **C Details**

Here, you can confirm detailed settings values for each item selected in the **Print Target** list.

## Matching pane

On the **Matching** pane, you can specify color matching to compensate for differences in the appearance of colors on various devices.



Important

- The **Matching** pane is not displayed when **No color correction** or **Monochrome** is selected in **Color Mode.**



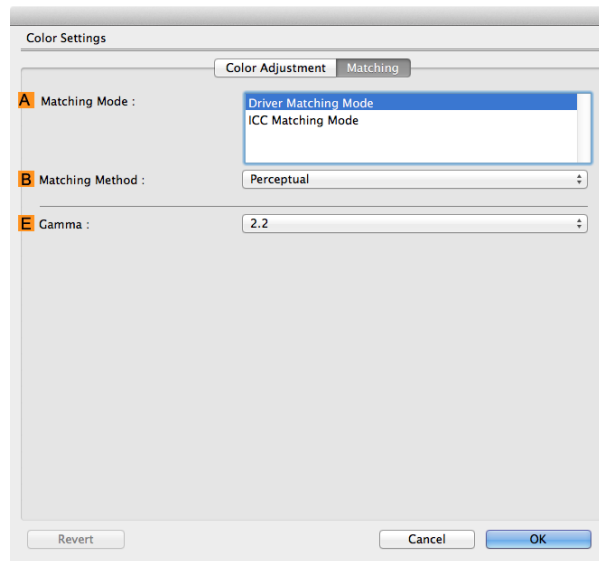
Note

- To display the **Matching** pane, on the **Main** pane click **Color Settings** by **Color Mode** in **Advanced Settings,** and then click the **Matching** tab. (See "Main Pane .") → P.260



## Driver Matching Mode

The following options are available when you select **Driver Matching Mode** in the **A Matching Mode** list.



### • A Matching Mode

Select the color matching mode to use, as desired.

Normally, select **Driver Matching Mode**. For color matching based on ICC profiles, select **ICC Matching Mode** depending on your color matching system.

### • B Matching Method

Select the color matching method that suits the document to be printed. Various **B Matching Method** options are available depending on your selection in **A Matching Mode**.

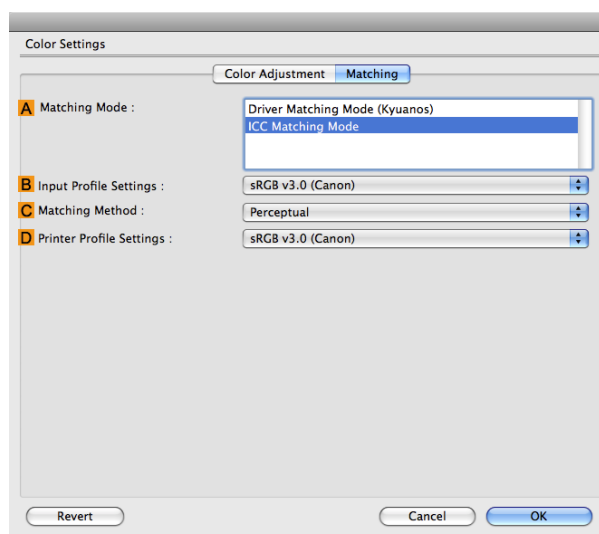
### • E Gamma

You can adjust the gradation of intermediate tones in an image.

**2.2** is normally selected. If you want a softer impression than **2.2**, select **1.8**.

## ICC Matching Mode

The following options are available when you select **ICC Matching Mode**, in the **A Matching Mode** list.



Note

- To display the **Matching** pane, on the **Main** pane, click **Color Settings** by **Color Mode** in **Advanced Settings**, and then click the **Matching** tab. (See "Main Pane .") →P.260

- **A Matching Mode**

Select the color matching mode to use, as desired.

- **B Input Profile Settings**

You can choose **Input Profile**.

Various options are available depending on your selected **A Matching Mode**.

- **C Matching Method**

You can choose **C Matching Method**.

Various options are available depending on your selected **A Matching Mode**.

- **D Printer Profile Settings**

Specify the printer profile as desired.

We recommend that you select an ICC profile created using commercially available profile creation software in order to perform color management accurately on paper other than genuine Canon paper and feed confirmed paper.

The created ICC profile needs to be saved in the following folder on the computer you are using.

/user/(user name)/library/ColorSync/Profiles folder



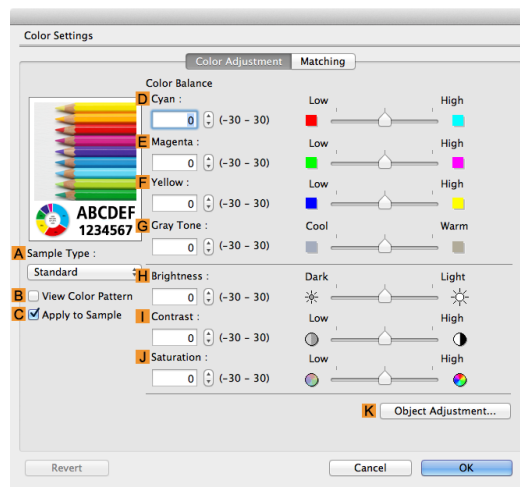
Note

- For details on settings items, see "Adjusting the Color in the Printer Driver." → P.48

## Color Settings Pane: Color

In general, make any needed adjustments to the color of documents in the application used to create them. However, if the color tone as printed is not as you expected, you can also adjust the color in the printer driver.

If the color tone as printed is not as you expected, you can adjust it on the **Color Adjustment** pane.



Note

- To display the **Color Adjustment** pane, on the **Main** pane click **Color Settings** by **Color Mode** in **Advanced Settings**. (See "Main Pane.") → P.260
- For details on settings items, see "Adjusting the Color in the Printer Driver." → P.48

- **A Sample Type**

Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.

- **B View Color Pattern**

Select this checkbox to display the color pattern.

- **C Apply to Sample**

Select this checkbox to apply the changed settings to the sample image.

- **D Cyan/E Magenta/F Yellow**

Correct color tones by adjusting the levels of each color.

- **G Gray Tone**

Adjust the color tone of grays as desired. Choose **Cool** (tinged with blue) or **Warm** (tinged with red).

- **H Brightness**

Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).

- **I Contrast**

Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.

- **J Saturation**

Adjust the color intensity as desired. Increasing the **Saturation** setting makes colors more vivid, and reducing the **Saturation** makes colors more subdued.

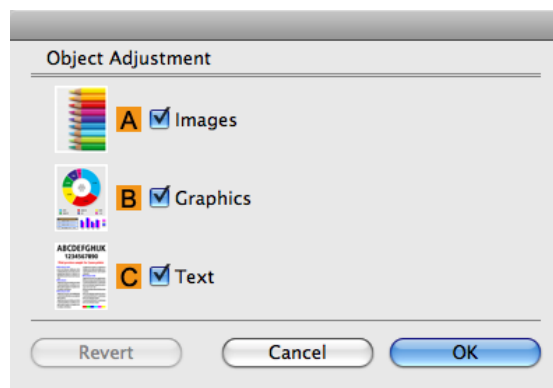
- **K Object Adjustment**

Select this option to display the **Object Adjustment** dialog box, in which you can specify objects subject to color adjustment.

- Object Adjustment dialog box: Color → P.269

## Object Adjustment dialog box: Color

In the **Object Adjustment** dialog box, you can specify what type of print jobs to apply color adjustment to. If an original comprises images, graphics, and text, you can specify which portion to apply color adjustment to.



Note

- To display the **Object Adjustment** dialog box, click **Object Adjustment** on the **Color Adjustment** panel.

- **A Images**

Select this option to apply color adjustment to image areas, such as photos.

- **B Graphics**

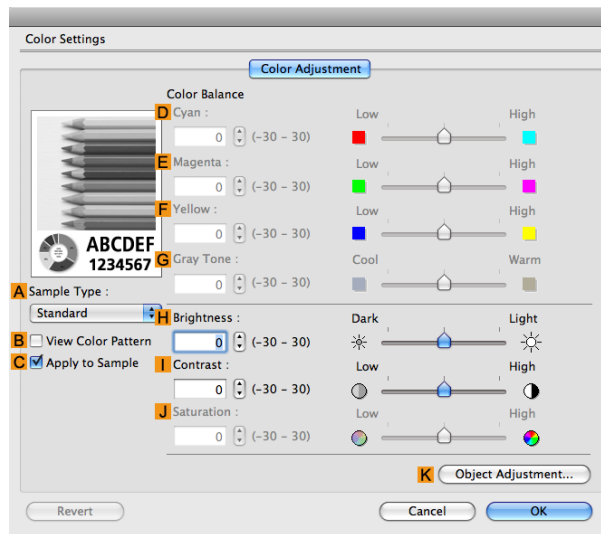
Select this option to apply color adjustment to graphics, such as lines and circles.

- **C Text**

Select this option to apply color adjustment to text.

## Color Settings Pane: Monochrome

On the **Color Adjustment** pane for monochrome printing, you can adjust the brightness and contrast.



Note

- To display the **Color Adjustment** pane, on the **Main** pane, click **Color Settings** in **Advanced Settings**. (See "Main Pane.") →P.260
- For details on settings items, see "Adjusting the Color in the Printer Driver." →P.48

### • **A Sample Type**

Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.

### • **B View Color Pattern**

Select this checkbox to display the color pattern.

### • **C Apply to Sample**

Select this checkbox to apply the changed settings to the sample image.

### • **D Cyan/ E Magenta/ F Yellow**

Not available.

### • **G Gray Tone**

Not available.

### • **H Brightness**

Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).

### • **I Contrast**

Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.

### • **J Saturation**

Not available.

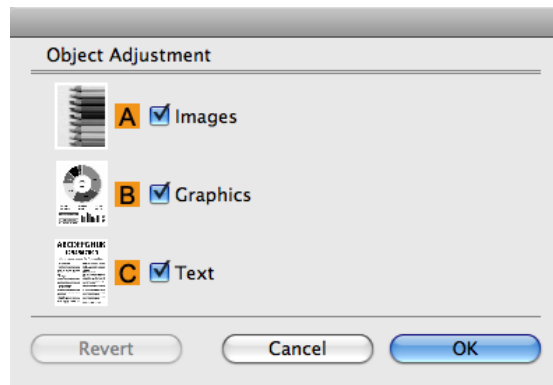
### • **K Object Adjustment**

Select this option to display the **Object Adjustment** dialog box, in which you can specify objects subject to color adjustment.

- Object Adjustment dialog box: **Monochrome** →P.271

## Object Adjustment dialog box: Monochrome

In the **Object Adjustment** dialog box, you can specify what type of print jobs to apply color adjustment to. If an original comprises images, graphics, and text, you can specify which portion to apply color adjustment to.



- To display the **Object Adjustment** dialog box, click **Object Adjustment** on the **Color Adjustment** panel.

Note

- A Images**

Select this option to apply color adjustment to image areas, such as photos.

- B Graphics**

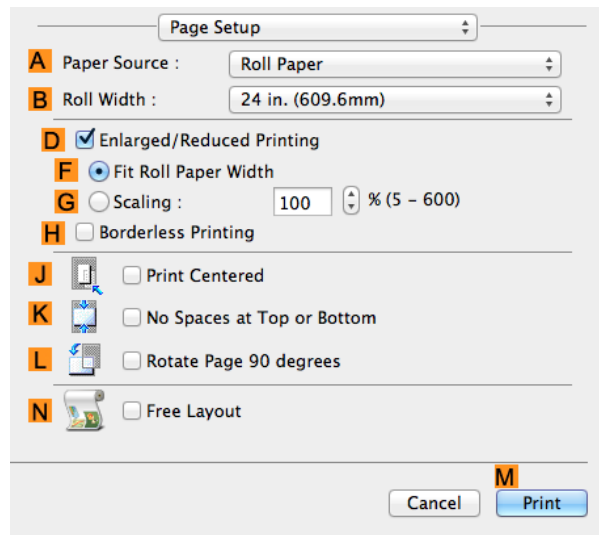
Select this option to apply color adjustment to graphics, such as lines and circles.

- C Text**

Select this option to apply color adjustment to text.

## Page Setup Pane

The following settings are available on the **Page Setup** pane. For details on settings items, refer to the printer driver help.



- A Paper Source**

Choose how paper is supplied.

Options displayed in the list vary depending on the selection in **A Media Type** in the **Main** pane.

- B Roll Width**

Select the paper width of the roll loaded in the printer.

- **D Enlarged/Reduced Printing**

Select this checkbox to choose the following options.

- Resizing Originals to Fit the Roll Width →P.62
- Resizing Originals by Entering a Scaling Value →P.66

- **F Fit Roll Paper Width**

Resizes the document image to match the roll width.

- **G Scaling**

Resizes the document image based on a specified scaling value. Enter a value in a range of **5–600**.

- **H Borderless Printing**

Borderless printing is available if roll paper is selected in the **A Paper Source** list.

Activate this setting for borderless printing to match the size and width of the paper.

- Borderless Printing by Resizing Originals to Fit the Roll Width →P.83
- Borderless Printing at Actual Size →P.75

- **J Print Centered**

Select this checkbox to print document images in the center of the paper.

- Printing Originals Centered on Rolls →P.116
- Printing Originals Centered on Sheets →P.120

- **K No Spaces at Top or Bottom**

Select this checkbox to print the next image skipping blank areas above and below printable data in documents, which enables you to conserve the paper.

- Conserving Roll Paper by Printing Originals Without Top and Bottom Margins →P.128

- **L Rotate Page 90 degrees**

Select this checkbox to rotate the document image by 90 degrees before printing.

- Conserving Roll Paper by Rotating Originals 90 Degrees →P.125

- **N Free Layout**

Select this checkbox to start **imagePROGRAF Free Layout** before printing.

This allows you to print multiple documents next to each other.



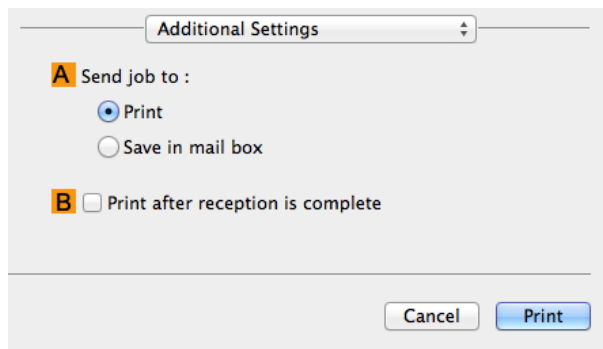
Important

- When **Print Preview** is selected on the **Main** panel, **Print Preview** is disabled.

- Printing Multiple Originals Next to Each Other →P.102

## Additional Settings Pane

The following settings are available on the **Additional Settings** pane.



- **A Send job to**

You can configure the method for saving print jobs to the printer hard disk.

- **B Print after reception is complete**

You can prevent degradation of print quality that occurs when receiving a print job is interrupted and printing is aborted in the middle.

# Preview

- The Features of Preview ..... 274
- Starting Preview ..... 274
- Preview Main Window ..... 275
- Paper Settings Panel ..... 278
  - Easy Settings ..... 279
  - Advanced Settings ..... 280
- Output Settings Panel ..... 281
- Color Settings Panel ..... 283
  - Color Adjustment ..... 284
  - Matching ..... 285
    - Driver Matching Mode ..... 287
    - ICC Matching Mode ..... 288
    - ColorSync ..... 289
- Preferences Dialog Box ..... 289
- Zoom Dialog Box ..... 289
- Go to Page Dialog Box ..... 290
- Print with No Borders ..... 290
- Print on the Center ..... 291
- Not Print Spaces at the Top/Bottom ..... 291
- Print Page Rotated 90 Degrees ..... 292
- Display with Fitting to the Width of the Paper ..... 292
- Display with All ..... 292
- Display with Actual Size ..... 293
- Moving a Page ..... 293

## The Features of Preview

The main features of Preview are as follows.

- While viewing this screen, you can adjust layout settings of a document created with application software.
- You can not only adjust layout settings but also your changes will be instantly applied on the preview screen, and you can print the preview screen as it is seen.



Note

- The media type, image size, detailed media settings, and the printer settings can cause the actual print output to differ from the Preview settings.

## Starting Preview

Follow the procedure below to start the Preview.

- 1** Start the application software which you use.
- 2** From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.



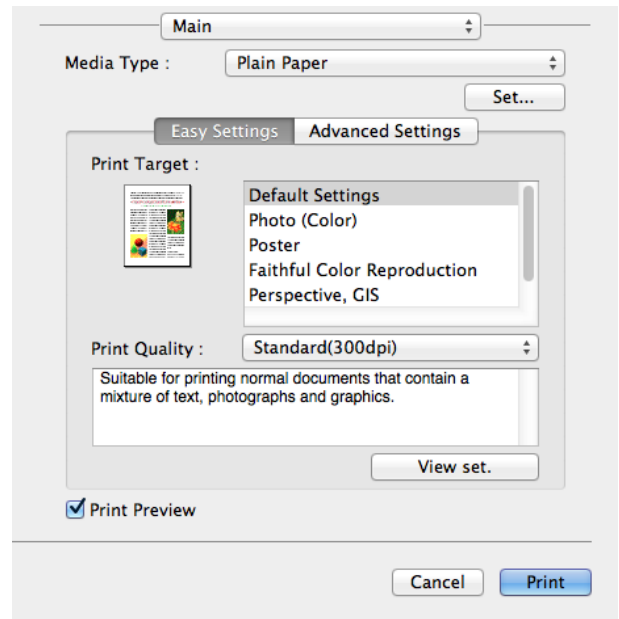
Note

- Normally, select **Print** from the **File** menu.

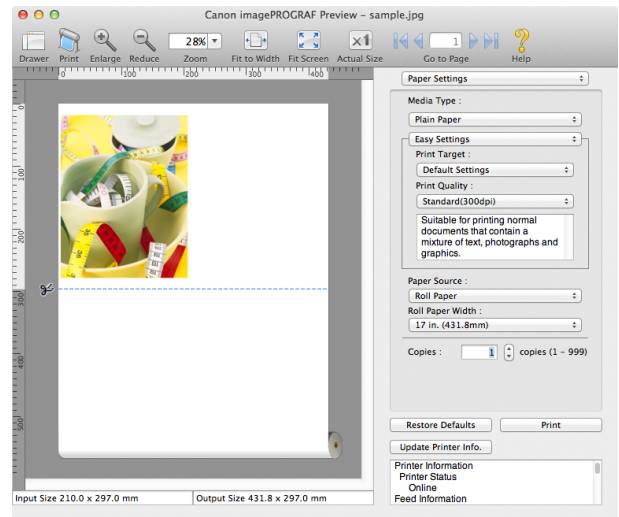
- 3** Click **Print Preview** in the **Main** panel to attach a checkmark.



**4** Click the **Print** button in the **Print** dialog box.

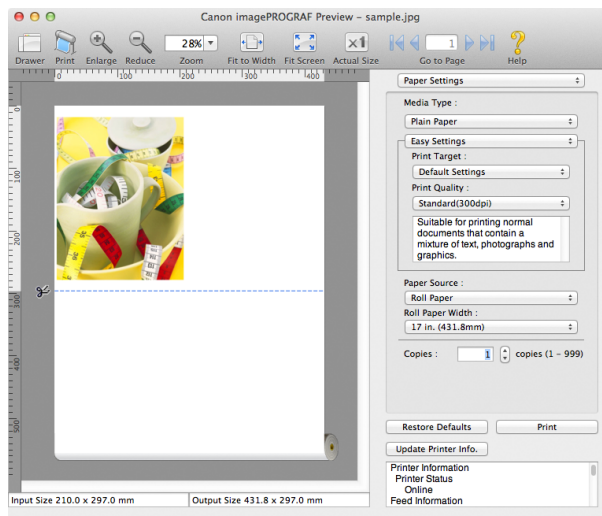


**5** Preview main window is displayed.



## Preview Main Window

The Preview main window consists of the menu and tool bars, and preview, dialog, drawer and status area.





- You can use the **View** menu to show or hide the tool bar.

Note

- **Menu Bar**

This allows you to select menus required for operations.



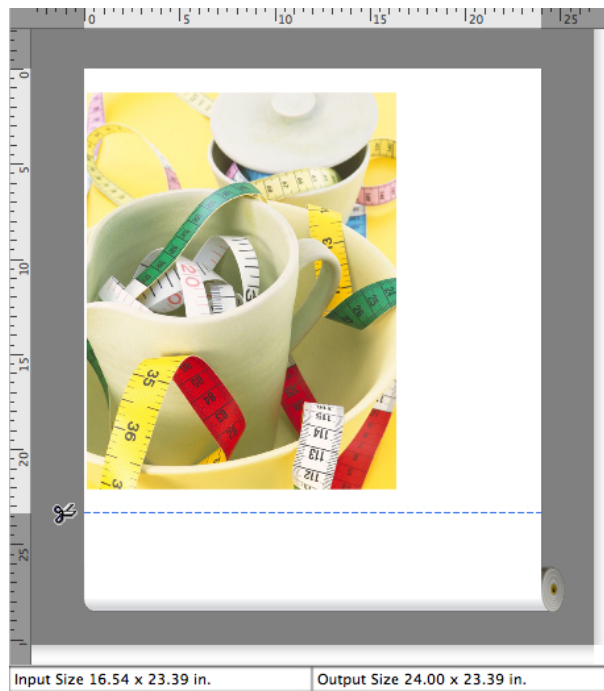
- **Tool Bar**

This allows you to select tool buttons required for major operations.



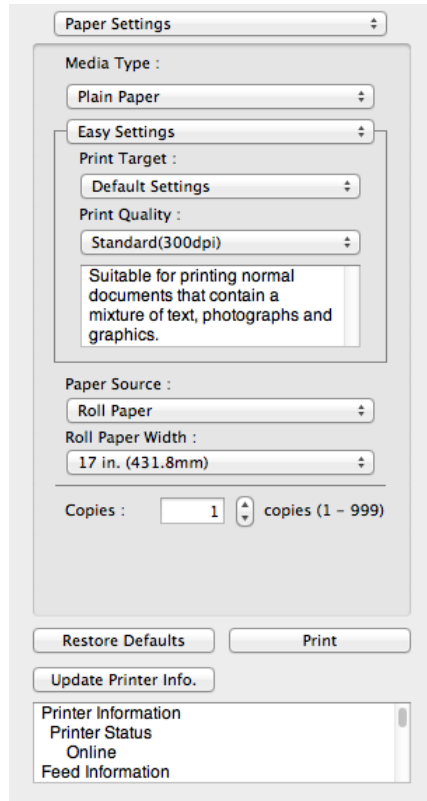
- **Preview Area**

You can check the settings you made in this area.



• **Dialog Area**

This allows you to set the print conditions and perform a print job.

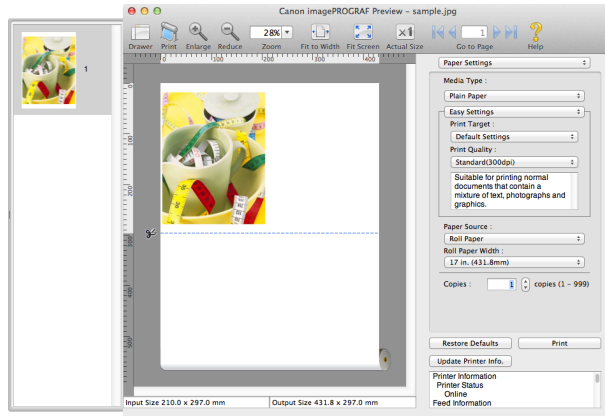


• **Drawer Area**

This allows you to display the thumbnails of a document.

This area appears when you click  **Drawer** from the tool bar.

Alternatively, you may select **Drawer** from the **View** menu.



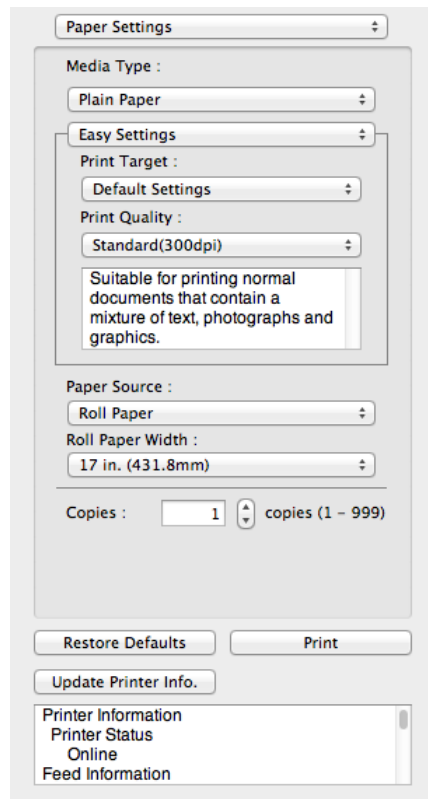
• **Status Area**

This shows **Input Size** and **Output Size**.

Input Size 16.54 x 23.39 in.	Output Size 24.00 x 23.39 in.
------------------------------	-------------------------------

## Paper Settings Panel

This panel appears when you select **Paper Settings** in the dialog area.



### • Media Type

This allows you to select the media type.



Note

- Always select media type that is actually set in the printer. When the media you chose is different from the media set in the printer, you may not receive the desired print results.

### • Easy Settings / Advanced Settings

Two modes are available to provide the optimum print settings for jobs.

The settings available on each mode are as follows.

- Easy Settings → P.279
- Advanced Settings → P.280

### • Roll Paper Width

This selects the width of the roll media set to the printer.



Note

- Available only if rolls are selected in **Paper Source**.

### • Copies

You can input the number of print copies in numerical characters.



Note

- The maximum value is 999.
- You can change the numbers by clicking either ▲ button or ▼ button.

### • Restore Defaults Button

Click the button to reset to the setting when starting Preview.

### • Print Button

Click the button to begin printing.

- **Update Printer Info. Button**

Click the button to acquire printer information.

## Easy Settings

You can easily select the best settings for the print job by just selecting an item from the print target list that matches the content of the document.

- **Print Target**

You can easily select the best settings for the print job simply.

If you select each **Print Target** item the corresponding comment for that item is displayed below the list.

Setting	Details
<b>Default Settings</b>	Suitable for printing normal documents that contain a mixture of text, photographs, and graphics.
<b>Poster</b>	The best setting for posters. Prints using vivid and high impact colors.
<b>CAD (Color Line Drawing)</b>	Prints the fine lines of CAD drawings and other such documents sharp and clear.
<b>CAD (B/W Line Drawing)</b>	Suitable for printing CAD drawings with sharp, dark lines.
<b>Perspective, GIS</b>	Suitable for attractive printing of 3D-CAD drawings, perspective drawings, and GIS drawings including maps.
<b>Photo (Color)</b>	Suitable for printing photographic images captured with a digital camera.
<b>Office Document</b>	Suitable for printing handouts as well as general office documents for which print clarity is key.
<b>Faithful Color Reproduction</b>	Prints by faithfully reproducing the colors of the original image.
<b>Custom Settings</b>	Suitable for printing documents for which Advanced Settings have been specified.



Note

- The number of settings available for selection depends on the media type.

- **Print Quality**

Selecting print quality strikes a balance between the quality of the printed image and printing speed.

The level of the print quality and resolution settings are displayed in the following combinations.

Setting	Details
Print Quality	<b>Highest quality / Highest / High / Standard / Fast</b>
Resolution	<b>1200dpi / 600dpi / 300dpi</b>

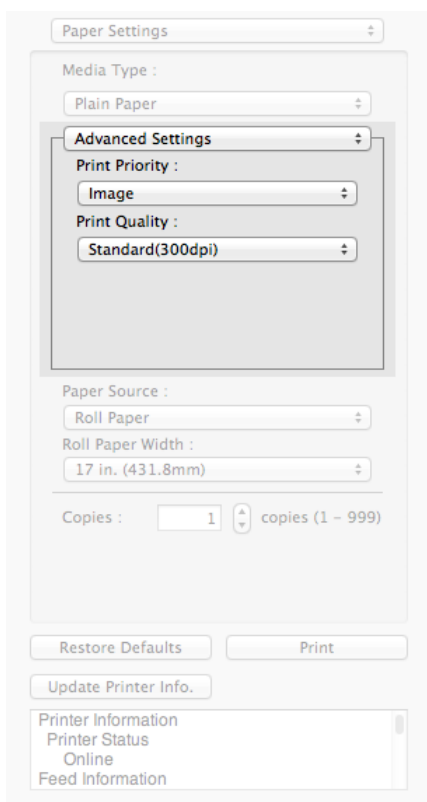


Note

- The availability of settings is determined by the media type and print priority selections.
- Printing time is longer and more ink is consumed with **High** than with **Fast**, however, print quality is higher.
- Printing time is shorter and less ink is consumed with **Fast** than with **High**, however, print quality is lower.
- For **Highest quality**, the resolution is not displayed.

## Advanced Settings

Presents detailed settings for the print quality, the color mode, and other items so you can select the values for these settings yourself.



### • Print Priority

Select a print quality mode that is appropriate for the print job.

Setting	Details
<b>Image</b>	This mode achieves the best results for printing photographic images and illustrations.
<b>Line Drawing</b>	This mode is best for printing CAD drawings with fine lines or wall newsheet or other documents that contain large amounts of text. However, you may not achieve the quality you expect with printing photographs or other images with many filled areas. For these types of jobs, select <b>Image</b> .
<b>Office Document</b>	Prints common office documents, such as proposals, memos for distribution, etc., so they are easy to read.



Note


- The number of settings available for selection depends on the media type.

### • Print Quality

Selecting print quality strikes a balance between the quality of the printed image and printing speed.

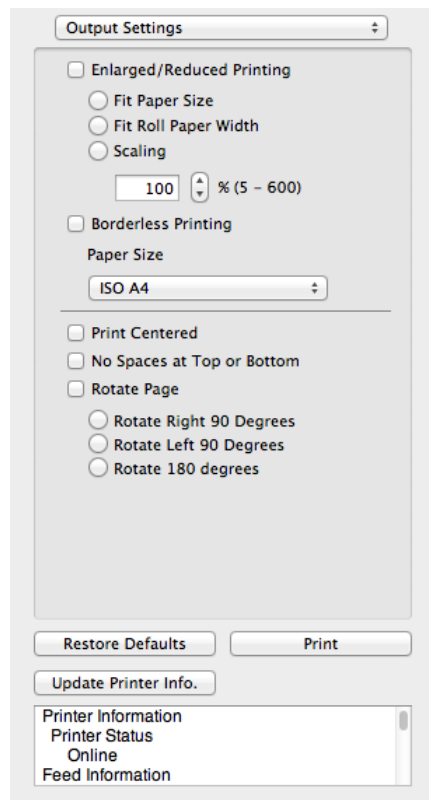
The level of the print quality and resolution settings are displayed in the following combinations.

Setting	Details
Print Quality	<b>Highest quality / Highest / High / Standard / Fast</b>
Resolution	<b>1200dpi / 600dpi / 300dpi</b>

-  **Note**
- The availability of settings is determined by the media type and print priority selections.
  - Printing time is longer and more ink is consumed with **High** than with **Fast**, however, print quality is higher.
  - Printing time is shorter and less ink is consumed with **Fast** than with **High**, however, print quality is lower.
  - For **Highest quality**, the resolution is not displayed.

## Output Settings Panel

This panel appears when you select **Output Settings** in the dialog area.



### • Enlarged/Reduced Printing

Select the method for enlarged/reduced printing.

The following settings are available for enlarged/reduced printing.

Setting	Details
<b>Fit Paper Size</b>	Enlarges/reduces the whole page automatically to fit the media size selected for output. Select the media size to print from <b>Paper Size</b> .
<b>Fit Roll Paper Width</b>	Enlarges/reduces the whole page automatically to fit the width of the roll paper with the page width. *Make sure that the width of the roll paper in the printer is set correctly for <b>Roll Paper Width</b> in the <b>Paper Settings</b> panel. *Displayed only if rolls are selected in <b>Paper Source</b> .
<b>Scaling</b>	Enlarges/reduces the whole page by the scaling rate as specified. Input the scaling value in numerical characters. You can specify a range between 5 and 600%. *You can change the numbers by clicking either ▲ button or ▼ button. *Although Scaling can be set to make the image larger than the media size, the part that does not fit in the media cannot be printed.

Setting	Details
<b>Scaling</b>	*This is not displayed when a checkmark is placed in <b>Borderless Printing</b> .

**Borderless Printing**

You can print the media without margins on all sides when the roll paper with the specific width and the specific media type is used.

For more information about **Borderless Printing**, see "Print with No Borders." →P.290



Note

- Available only if rolls are selected in **Paper Source**.
- This is not displayed when a checkmark is placed in **Print Centered**.

**Paper Size**

You can select the size of the print media.



Note

- This is not displayed when **Fit Roll Paper Width** is set in **Enlarged/Reduced Printing**.

**Print Centered**

You can print on the center of the media loaded in the printer.

For more information about **Print Centered**, see "Print on the Center." →P.291



Note

- This is not displayed when a checkmark is placed in **Borderless Printing**.

**No Spaces at Top or Bottom**

You can save paper on not to feed roll paper for the empty spaces when the print data contains spaces at the top or bottom.

For more information about **No Spaces at Top or Bottom**, see "Not Print Spaces at the Top/Bottom." →P.291



Note

- Available only if rolls are selected in **Paper Source**.

**Rotate Page**

Select the method for rotating page.

The following settings are available for rotating page.

Setting	Details
<b>Rotate Right 90 Degrees</b>	Rotates the portrait page right 90 degrees and print in landscape orientation. When the rotated page can fit in the width of roll paper, the page is rotated automatically, and when it can not fit in the width of roll paper, the page is not rotated.
<b>Rotate Left 90 Degrees</b>	Rotates the portrait page left 90 degrees and print in landscape orientation. When the rotated page can fit in the width of roll paper, the page is rotated automatically, and when it can not fit in the width of roll paper, the page is not rotated.
<b>Rotate 180 degrees</b>	Allows you to rotate the image 180 degrees from the vertical to the right.

**Restore Defaults Button**

Click the button to reset to the setting when starting Preview.

**Print Button**

Click the button to begin printing.

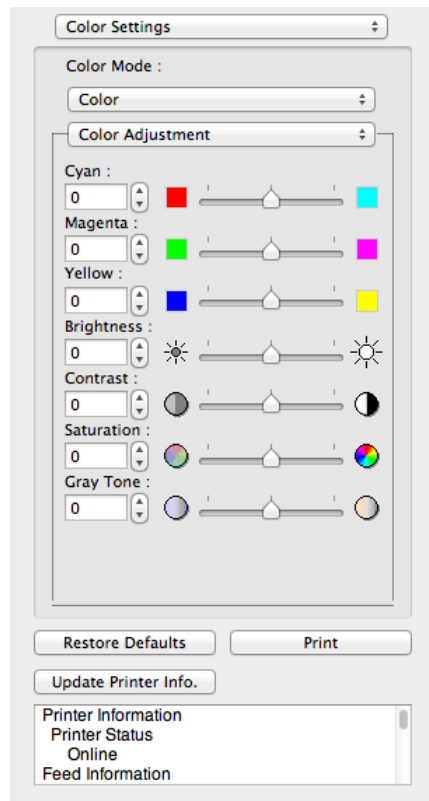
**Update Printer Info. Button**

Click the button to acquire printer information.



# Color Settings Panel


This panel appears when you select **Color Settings** in the dialog area.



## • Color Mode

You can select a color mode to suit the print job.

Setting	Details
<b>Color</b>	Enables color printing.
<b>Monochrome</b>	Disables color printing and converts image from continuous color to grayscaled monochrome.
<b>Color (CAD)</b>	Prints lines in the best color possible so they are easy to see.
<b>Monochrome Bitmap</b>	Prints all colors other than white in black.
<b>Monochrome (BK ink)</b>	Select to print all lines with black ink.
<b>No color correction</b>	Prints without performing color matching in the printer driver. Select this when color matching is performed by the application such as Adobe Photoshop or when you want to print color charts using the profile creation tool.


 • The availability of settings depends on the print priority and media type selections.

Note

## • Color Adjustment / Matching

You can set the color adjustment and matching.

- **Color Adjustment** →P.284
- **Matching** →P.285

 • **Matching** is not displayed if **No color correction** has been selected in **Color Mode**.

Note

## • Restore Defaults Button

Click the button to reset to the setting when starting Preview.

- **Print Button**

Click the button to begin printing.

- **Update Printer Info. Button**

Click the button to acquire printer information.

## Color Adjustment

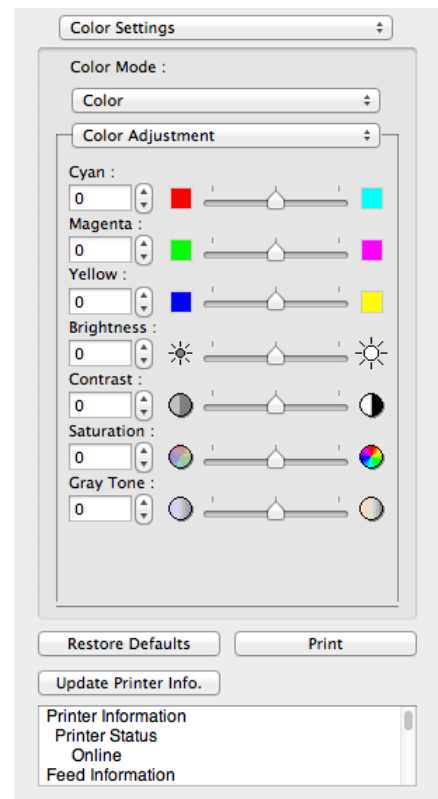
You can set the color adjustment.

### Adjusting Color

Normally colors should be adjusted in the software application, but if you see colors in the printout that do not match colors on the screen, you can perform color adjustments.

**1** Select **Color** on **Color Mode** in the **Color Settings** panel.

**2** Select **Color Adjustment**.



**3** Drag each slider to the left or right to adjust.

Setting	Details
<b>Cyan</b>	Adjusts the strength of colors to compensate the hues.
<b>Magenta</b>	Adjusts the strength of colors to compensate the hues.
<b>Yellow</b>	Adjusts the strength of colors to compensate the hues.
<b>Brightness</b>	Adjusts the brightness of the entire image. When the results of the printout are brighter than the original images such as the original photo before scanning and graphics created on the display, or when you want to print in different degrees of brightness, use this feature.
<b>Contrast</b>	Adjusts the relative brightness between the brightest and darkest portions of the image. *For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
<b>Saturation</b>	Adjusts the hues for vivid color or dark color.
<b>Gray Tone</b>	Adjusts gray from cool black (bluish tones) to warm black (reddish tones).

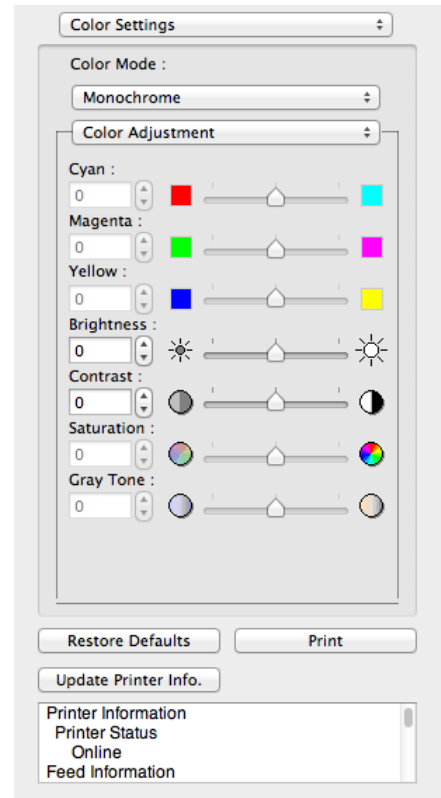


- You can also click the up or down arrow, or enter the number directly to increase or decrease the value.

### Adjusting Monochrome

Use the monochrome setting to print monochrome images of color photographs captured with a scanner or digital camera or other color images.

- Select **Monochrome** on **Color Mode** in the **Color Settings** panel.
- Select **Color Adjustment**.



- Drag each slider to the left or right to adjust.

Setting	Details
<b>Brightness</b>	Adjusts the brightness of the entire image. When the results of the printout are brighter than the original images such as the original photo before scanning and graphics created on the display, or when you want to print in different degrees of brightness, use this feature.
<b>Contrast</b>	Adjusts the relative brightness between the brightest and darkest portions of the image. *For soft gradation, decrease the contrast. For hard gradation, increase the contrast.



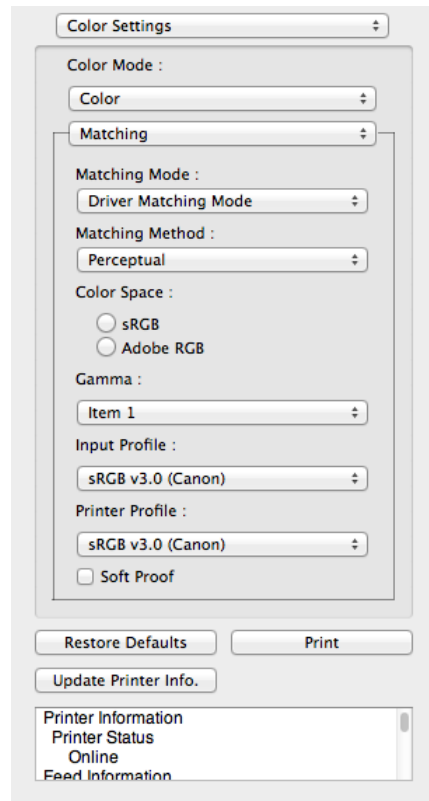
- You can also click the up or down arrow, or enter the number directly to increase or decrease the value.

### Matching

You can set the matching.



- If **No color correction** is selected under **Color Mode**, the **Matching** is not displayed.



• **Matching Mode**

You can select a matching mode to suit the print job.

Setting	Details
<b>Driver Matching Mode</b> →P.287	Enables printing of optimal color tones using a driver specific color profile. You should normally select this mode.
<b>ICC Matching Mode</b> →P.288	Enables color matching using ICC profiles. Select this if you want to print by specifying the input profile, printer profile, and matching method in detail. This allows you to use ICC profiles for digital cameras and scanners, ICC profiles created using the profile creation tool, etc.
<b>ColorSync</b> →P.289	Enables color matching by using the ColorSync function of OS X. Select this if you want to perform soft proofing using ColorSync before printing.



Note

- You need to set each correction on the printer driver.
- ColorSync** needs to be selected in the **Color Matching** panel of the driver in order to select **ColorSync**.

• **Matching Method**

You can select a matching method to suit the print job.

• **Gamma**

You can adjust the gradation of intermediate tones in an image. **2.2** is normally selected. If you want a softer impression than **2.2**, select **1.8**.



Note

- You can select only after **Driver Matching Mode** has been selected in **Matching Mode**.

• **Input Profile**

Select the input profile.




Note

- You can select only after **ICC Matching Mode** has been selected in **Matching Mode**.


• **Printer Profile**

Select the printer profile.

 • You can select only after **ICC Matching Mode** has been selected in **Matching Mode**.

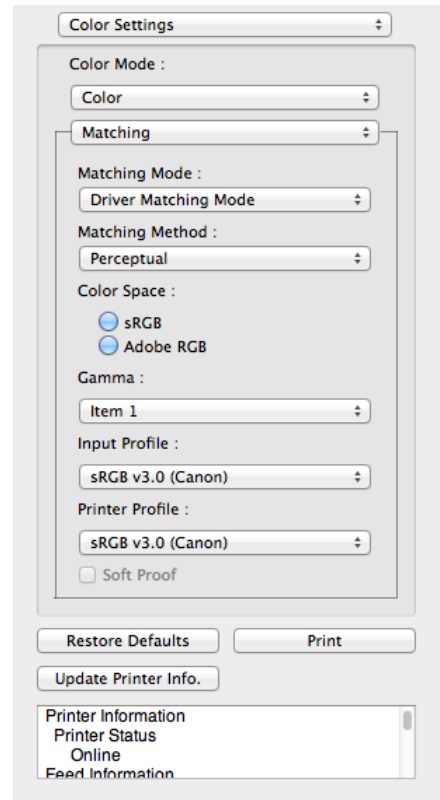
**• Soft Proof**

When you place a checkmark here, **ColorSync** applies to the preview area.

 • You can select only after **ColorSync** has been selected in **Matching Mode**.

**Driver Matching Mode**

**1** Under **Matching Mode**, select **Driver Matching Mode**.

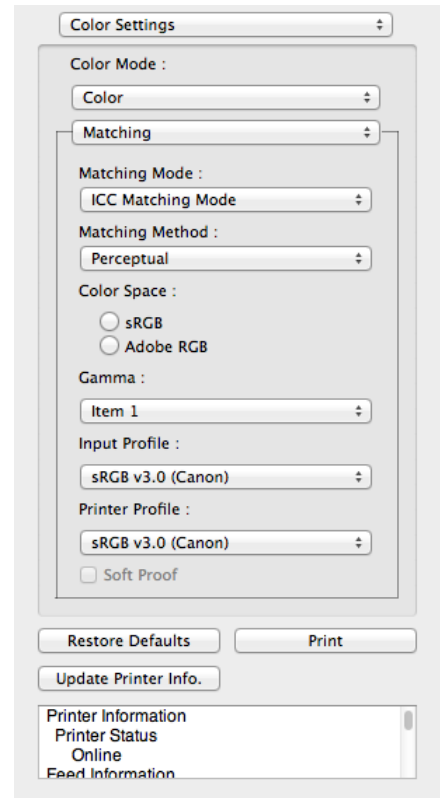


**2** Click the **Matching Method** list, and then select a setting.

Setting	Details
<b>Auto</b>	Automatically selects the best color matching method for each Image, Graphics, Text.
<b>Perceptual</b>	Color-matching optimized for printing typical photos attractively. Smooth gradation is a feature. This is also an easy-to-use mode when performing color adjustment using application software.
<b>Saturation</b>	Color-matching optimized for printing posters, etc., vividly.
<b>Colorimetric</b>	Color-matching optimized for printing image data with accurate colors in input color space. This is the easiest-to-use mode when you want to adjust the color and print. However, gradation may be lost for colors of wider range than the color reproduction range of the printer. Generally, this is also called relative colorimetric.

## ICC Matching Mode

**1** Under **Matching Mode**, select **ICC Matching Mode**.



**2** Click the **Matching Method** list, and then select a setting.

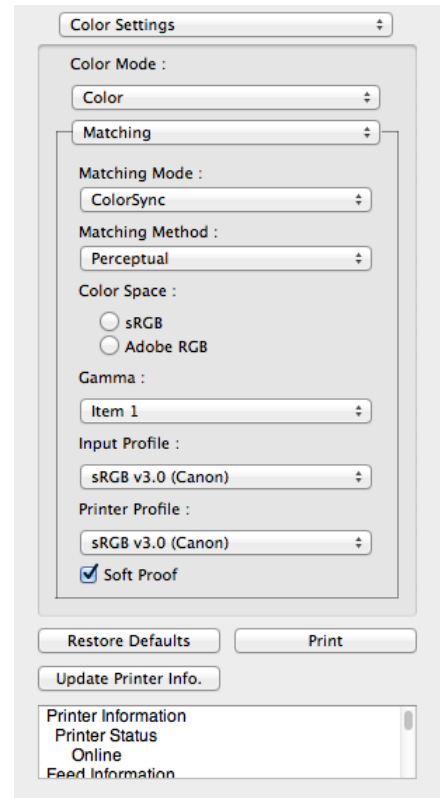
Setting	Details
<b>Perceptual</b>	Color-matching optimized for printing typical photos attractively. Smooth gradation is a feature. This is also an easy-to-use mode when performing color adjustment using application software.
<b>Saturation</b>	Color-matching optimized for printing posters, etc., vividly.
<b>Colorimetric</b>	Color-matching optimized for printing image data with accurate colors in input color space. This is the easiest-to-use mode when you want to adjust the color and print. However, gradation may be lost for colors of wider range than the color reproduction range of the printer. Generally, this is also called relative colorimetric.
<b>Colorimetric (No White-Point Correction)</b>	The processing method of color-matching is identical to <b>Colorimetric</b> . Use this when you want to further reproduce the target paper material color of the image data. Generally, this also is called absolute colorimetric.

**3** Click the **Input Profile** list and select an input profile.

**4** Click the **Printer Profile** list and select a printer profile.

## ColorSync

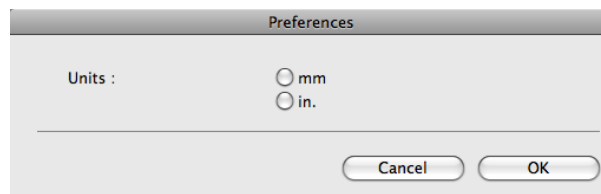
- 1 Check that **ColorSync** is selected in **Matching Mode**.



- 2 To apply **ColorSync** to previews, check the **Soft Proof** check box.

## Preferences Dialog Box

This dialog box appears when you select **Preferences** from the **imagePROGRAF Advanced Preview** menu. You can set the preferences for Preview.

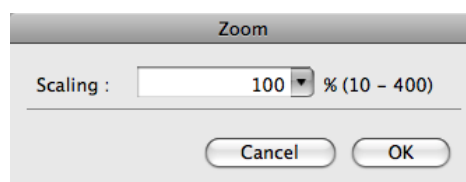


- **Units**

Set the unit for paper length, margins, and so on.

## Zoom Dialog Box

This dialog box appears when you select **Zoom** from the **View** menu. You can enlarge or reduce the screen display.



- **Scaling**

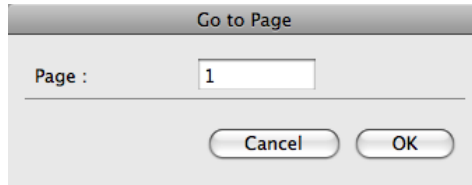
Set the magnification for enlargement or reduction of the screen display.



- You can input between 10 and 400.
- You can change the numbers by clicking ▼ button.

## Go to Page Dialog Box

This dialog box appears when you select **Go to Page** from the **View** menu.



- You can not select **Go to Page** if the document is only one page.

### • Page

Input the page number in numerical characters to display in the preview area.



- You can change the numbers in the range of the page of the documents.

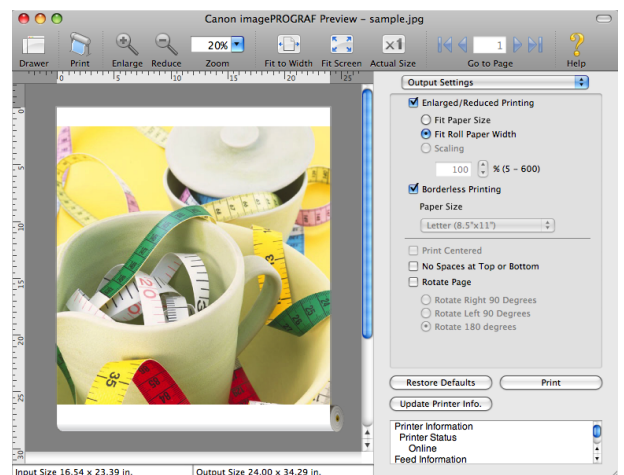
## Print with No Borders

You can use the borderless printing function to print without margins surrounding the image.



- With some media borderless printing can be performed only between two edges.
- To use the borderless printing function, the specified media must be set to the printer.

- 1 On the **Paper Settings Panel** →P.278 , select **Roll Paper** in **Paper Source**.
- 2 On the **Output Settings Panel** →P.281 , click the **Enlarged/Reduced Printing** check box on.
- 3 Select **Fit Roll Paper Width**.
- 4 Click the **Borderless Printing** check box on.



- 5 Click the **Print** button.  
Borderless printing begins.

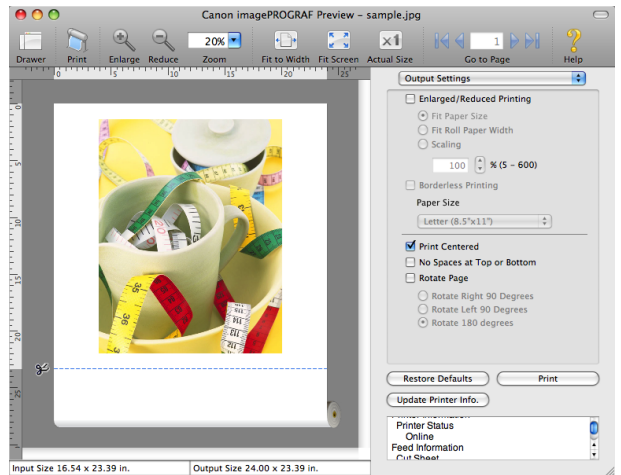


# Print on the Center

You can print on the center of the media loaded in the printer.

**Note** • This is not displayed when a checkmark is placed in **Borderless Printing**.

**1** On the Output Settings Panel →P.281 , click the **Print Centered** check box on.



**2** Click the **Print** button.  
Printing on the center begins.

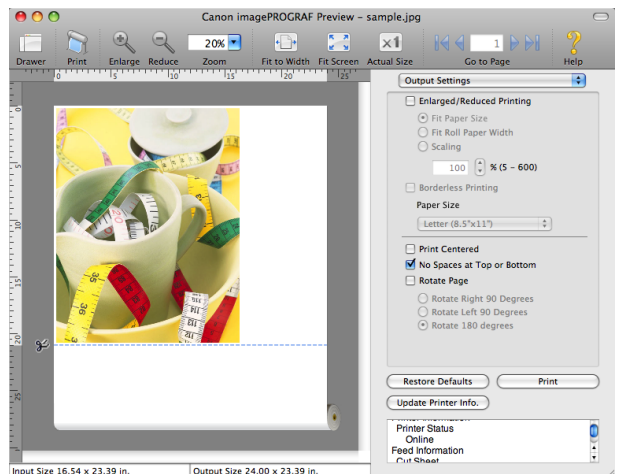
# Not Print Spaces at the Top/Bottom

You can save paper on not to feed roll paper for the empty spaces when the print data contains spaces at the top or bottom.

**Note** • This is not displayed when a checkmark is placed in **Borderless Printing**.

**1** On the Paper Settings Panel →P.278 , select **Roll Paper** in **Paper Source**.

**2** On the Output Settings Panel →P.281 , click the **No Spaces at Top or Bottom** check box on.

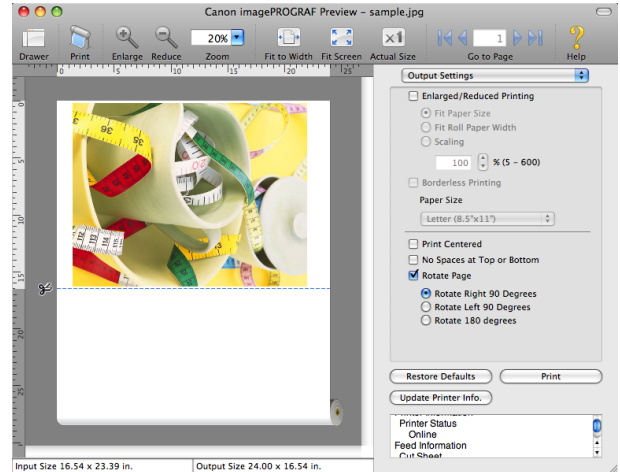


**3** Click the **Print** button.  
Printing on the settings with no spaces at top or bottom begins.

## Print Page Rotated 90 Degrees

You can save paper by printing in landscape orientation on roll paper.


- 1 On the Paper Settings Panel →P.278 , select **Roll Paper** in **Paper Source**.
- 2 On the Output Settings Panel →P.281 , click the **Rotate Page** check box on.
- 3 Select **Rotate Right 90 Degrees** or **Rotate Left 90 Degrees**.

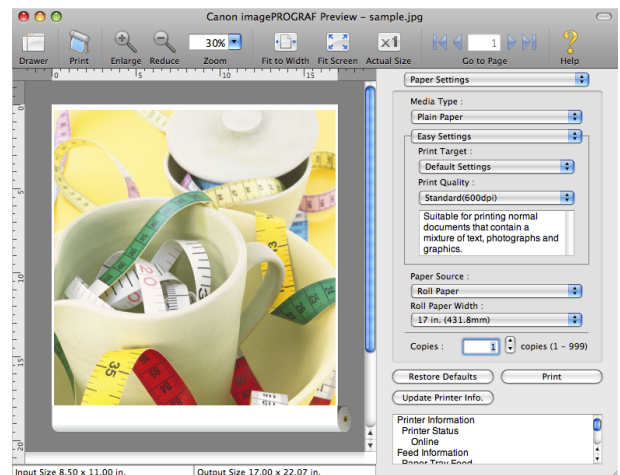


- 4 Click the **Print** button.  
Printing on rotating 90 degrees begins.

## Display with Fitting to the Width of the Paper

In the preview area, you can display to the width of the paper.

- 1 Select  **Fit to Width** from the tool bar.
- 2 Fitting to the width of the paper, it is displayed.

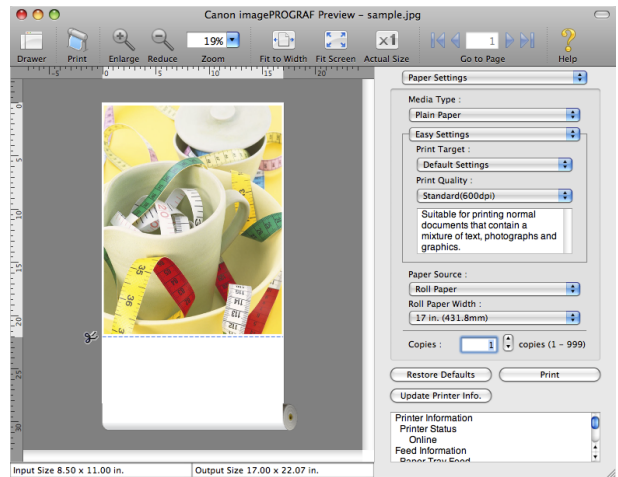


## Display with All

In the preview area, you can display all.

- 1 Select  **Fit Screen** from the tool bar.

**2** All is displayed.

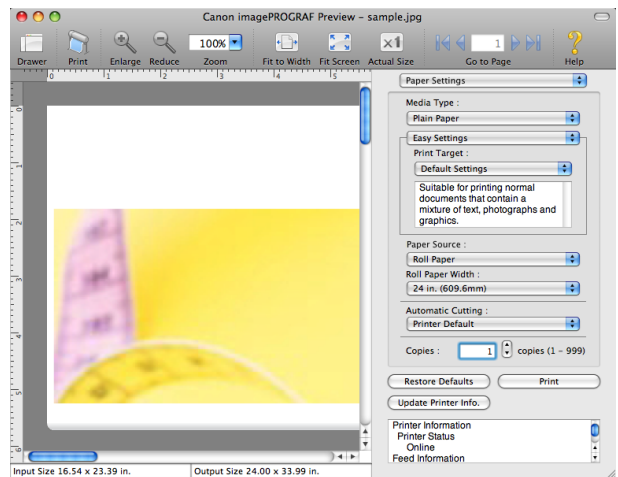


## Display with Actual Size

In the preview area, you can display the actual size.

**1** Select  **Actual Size** from the tool bar.





**2** Actual size is displayed.



## Moving a Page

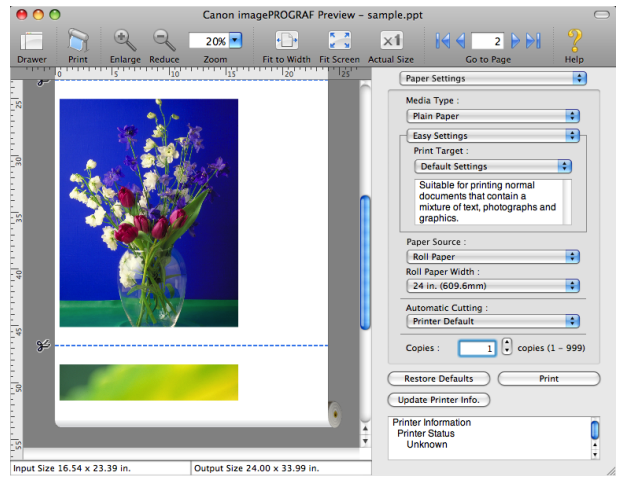
You can move a page to display in the preview area.

**1** Select each button in **Go to Page** on the tool bar.

Setting	Details
	Go to the first page.
	Go to the previous page.
	Go to the next page.
	Go to the last page.

2

The target page appears.



Note

- You can also move a page by clicking the page on the thumbnails.

<b>Free Layout</b>	
The Features of Free Layout .....	295
Starting Free Layout .....	295
Free Layout Main Window .....	296
Paper Settings Panel .....	298
Easy Settings .....	299
Advanced Settings .....	300
Color Settings Panel .....	301
Color Adjustment .....	302
Matching .....	304
Driver Matching Mode .....	306
ICC Matching Mode .....	307
ColorSync .....	308
Preferences Dialog Box .....	308
Page Setup Dialog Box .....	309
Zoom Dialog Box .....	310
Format Dialog Box .....	311
Laying out a Multiple-File Document on One Page .....	311
Laying out a Document Created with Multiple Application Programs on One Page .....	312
Selecting an Object .....	312
Changing the Object Size .....	312
Moving an Object .....	313
Rotating an Object .....	313
Laying out Objects Automatically .....	314
Aligning Objects .....	314
Changing the Object Overlapping Order .....	316
Pasting a Copied or Cut Object .....	317

## The Features of Free Layout

The main features of Free Layout are as follows.

- Allows you to lay out at will and print a document created with application software.
- You can not only lay out multiple pages on one page but also lay out and print a multiple-file document on one page, or lay out and print a document created with multiple application programs on one page.



Note

- The media type, image size, detailed media settings, and the printer settings can cause the actual print output to differ from the Free Layout settings.

## Starting Free Layout

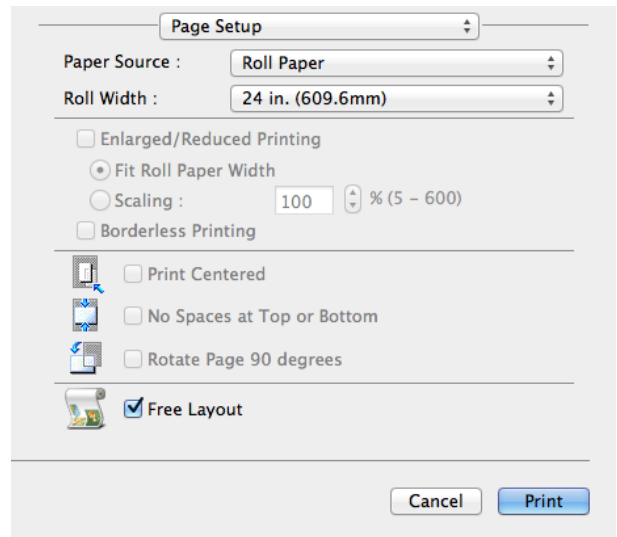
Follow the procedure below to start the Free Layout.

- 1** Start the application software which you use.
- 2** From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.
  - Normally, select **Print** from the **File** menu.
- 3** Click on **Free Layout** in the **Page Setup** panel to attach a checkmark.

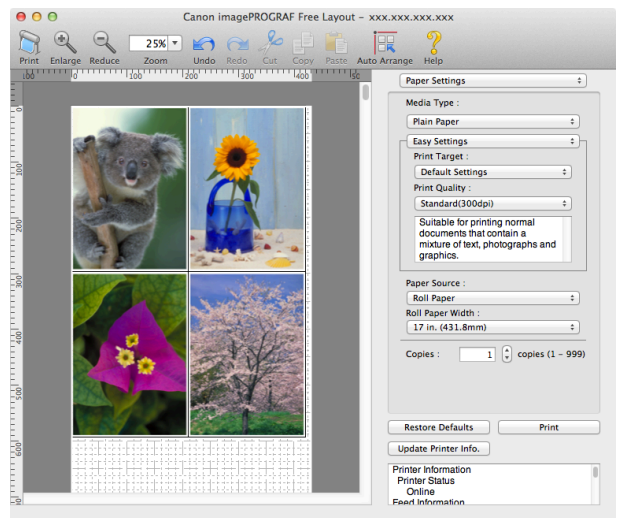


Note

4 Click the **Print** button in the **Print** dialog box.

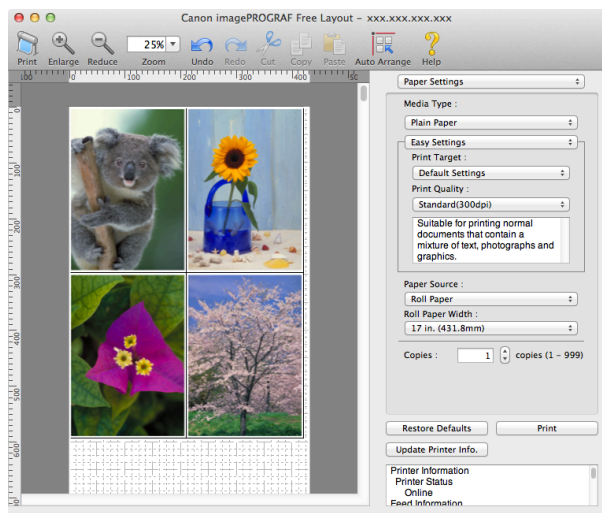


5 Free Layout main window is displayed.



### Free Layout Main Window

The Free Layout main window consists of the menu and tool bars, layout area and dialog areas.



• You can use the **View** menu to show or hide the tool.

Note

- **Menu Bar**

This allows you to select menus required for operations.



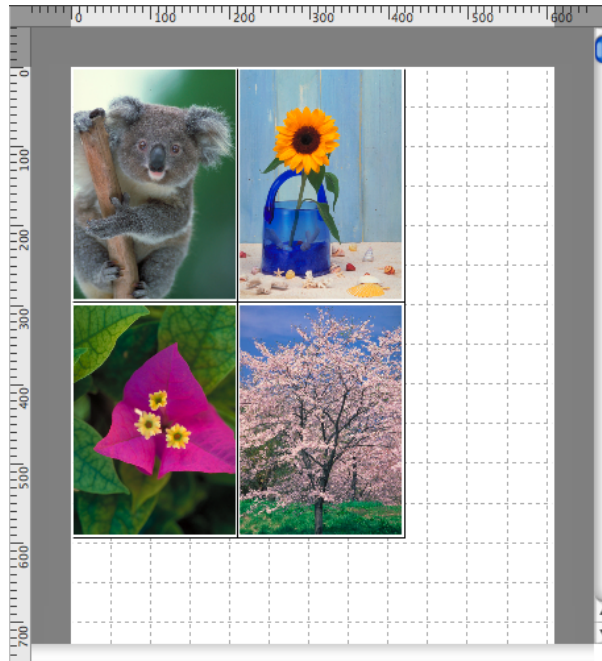
- **Tool Bar**

This allows you to select tool buttons required for major operations.



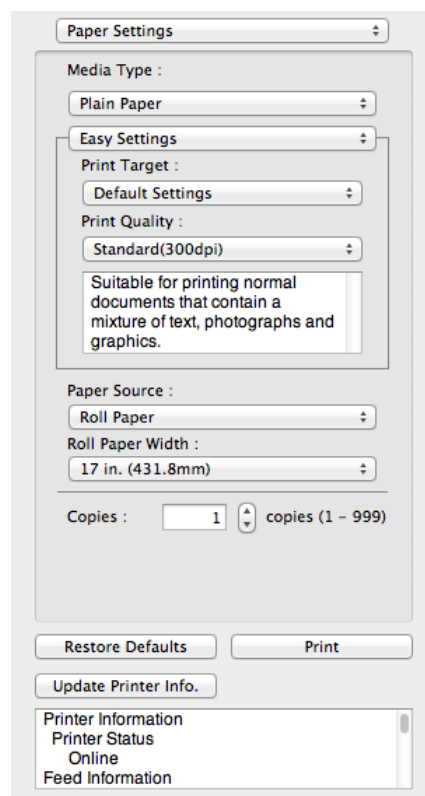
- **Layout Area**

This allows you to lay out objects and edit the object size and orientation.



- **Dialog Area**

This allows you to set the print conditions and perform a print job.



## Paper Settings Panel

This panel appears when you select **Paper Settings** in the dialog area.

### • Media Type

This allows you to select the media type.



Note

- Always select media type that is actually set in the printer. When the media you chose is different from the media set in the printer, you may not receive the desired print results.

### • Easy Settings / Advanced Settings

Two modes are available to provide the optimum print settings for jobs.

The settings available on each mode are as follows.

- Easy Settings → P.299
- Advanced Settings → P.300

### • Paper Source

You can select the paper source.

The following settings are available for paper source.

Setting	Details
Cut Sheet	Select to print on the cut sheet.
Roll Paper	Select to print on roll paper.

### • Roll Paper Width

This selects the width of the roll media set to the printer.



Note

- Available only if rolls are selected in **Paper Source**.

### • Copies

You can input the number of print copies in numerical characters.



Note

- The maximum value is 999.
- You can change the numbers by clicking either ▲ button or ▼ button.



• **Restore Defaults** Button

Click the button to reset to the setting when starting Free Layout.

• **Print** Button

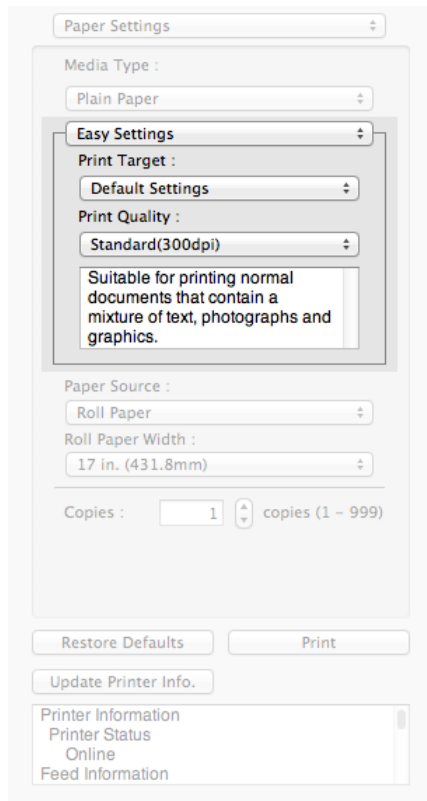
Click the button to begin printing.

• **Update Printer Info.** Button

Click the button to acquire printer information.

## Easy Settings

You can easily select the best settings for the print job by just selecting an item from the print target list that matches the content of the document.



• **Print Target**

You can easily select the best settings for the print job simply.

If you select each **Print Target** item the corresponding comment for that item is displayed below the list.

Setting	Details
<b>Default Settings</b>	Suitable for printing normal documents that contain a mixture of text, photographs, and graphics.
<b>Poster</b>	The best setting for posters. Prints using vivid and high impact colors.
<b>CAD (Color Line Drawing)</b>	Suitable for printing fine lines such as drawings clearly.
<b>CAD (B/W Line Drawing)</b>	Suitable for printing CAD drawings with sharp, dark lines.
<b>Perspective, GIS</b>	Suitable for attractive printing of 3D-CAD drawings, perspective drawings, and GIS drawings including maps.
<b>Photo (Color)</b>	Suitable for printing photographic images captured with a digital camera.
<b>Office Document</b>	Suitable for printing handouts as well as general office documents for which print clarity is key.
<b>Faithful Color Reproduction</b>	Prints by minimizing color differences. Suitable for when the printing results are too vivid or when printing scanned images.
<b>Custom Settings</b>	Suitable for printing documents for which Advanced Settings have been specified.



- The number of settings available for selection depends on the media type.

**Print Quality**

Selecting print quality strikes a balance between the quality of the printed image and printing speed.

The level of the print quality and resolution settings are displayed in the following combinations.

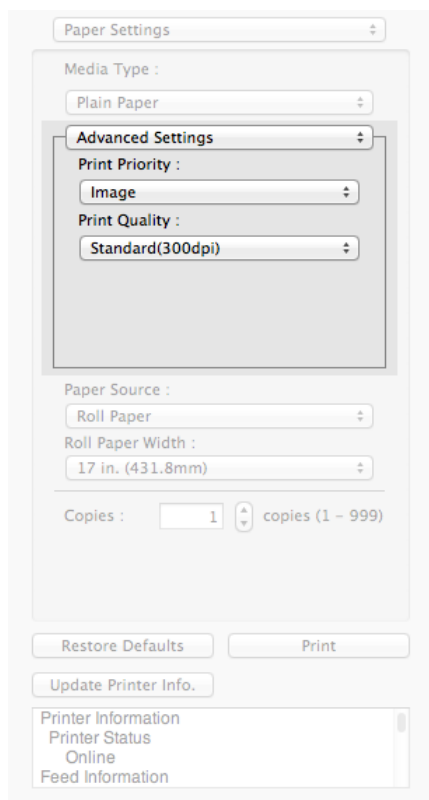
Setting	Details
Print Quality	<b>Highest quality / Highest / High / Standard / Fast</b>
Resolution	<b>1200dpi / 600dpi / 300dpi</b>



- The availability of settings is determined by the media type and print priority selections.
- Printing time is longer and more ink is consumed with **High** than with **Fast**, however, print quality is higher.
- Printing time is shorter and less ink is consumed with **Fast** than with **High**, however, print quality is lower.
- For **Highest quality**, the resolution is not displayed.

**Advanced Settings**

Presents detailed settings for the print priority, the print quality, and other items so you can select the values for these settings yourself.



**Print Priority**

Select a print quality mode that is appropriate for the print job.

Setting	Details
<b>Image</b>	This mode achieves the best results for printing photographic images and illustrations.
<b>Line Drawing</b>	This mode is best for printing CAD drawings with fine lines or wall newsheet or other documents that contain large amounts of text. However, you may not achieve the quality you expect with printing photographs or other images with many filled areas. For these types of jobs, select <b>Image</b> .
<b>Office Document</b>	Prints common office documents, such as proposals, memos for distribution, etc., so they are easy to read.



- The number of settings available for selection depends on the media type.

**Print Quality**

Selecting print quality strikes a balance between the quality of the printed image and printing speed.

The level of the print quality and resolution settings are displayed in the following combinations.

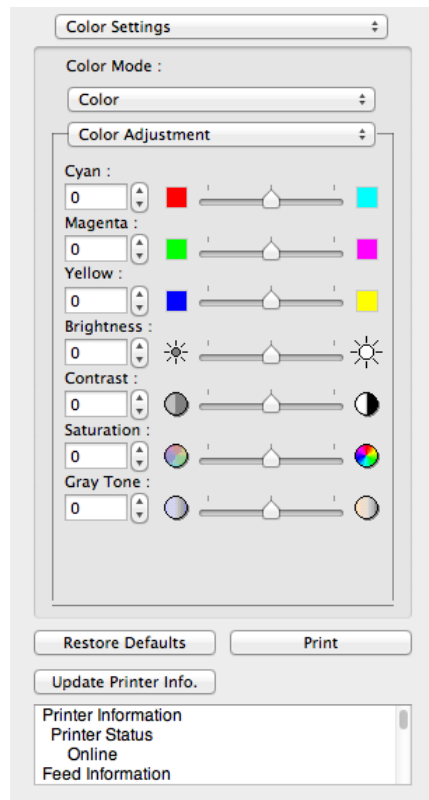
Setting	Details
Print Quality	<b>Highest quality / Highest / High / Standard / Fast</b>
Resolution	<b>1200dpi / 600dpi / 300dpi</b>



- The availability of settings is determined by the media type and print priority selections.
- Printing time is longer and more ink is consumed with **High** than with **Fast**, however, print quality is higher.
- Printing time is shorter and less ink is consumed with **Fast** than with **High**, however, print quality is lower.
- For **Highest quality**, the resolution is not displayed.

**Color Settings Panel**

This panel appears when you select **Color Settings** in the dialog area.



**Color Mode**

You can select a color mode to suit the print job.

Setting	Details
<b>Color</b>	Enables color printing.
<b>Monochrome</b>	Disables color printing and converts image from continuous color to grayscaled monochrome.
<b>Color (CAD)</b>	Prints lines in the best color possible so they are easy to see.
<b>Monochrome Bitmap</b>	Prints all colors other than white in black.
<b>Monochrome (BK ink)</b>	Select to print all lines with black ink.

Setting	Details
<b>No color correction</b>	Prints without performing color matching in the printer driver. Select this when color matching is performed by the application such as Adobe Photoshop or when you want to print color charts using the profile creation tool.



Note

- The availability of settings depends on the print priority and media type selections.

### • Color Adjustment / Matching

You can set the color adjustment and matching.

- **Color Adjustment** → P.302
- **Matching** → P.304



Note

- **Matching** is not displayed if **No color correction** has been selected in **Color Mode**.

### • Restore Defaults Button

Click the button to reset to the setting when starting Free Layout.

### • Print Button

Click the button to begin printing.

### • Update Printer Info. Button

Click the button to acquire printer information.

## Color Adjustment

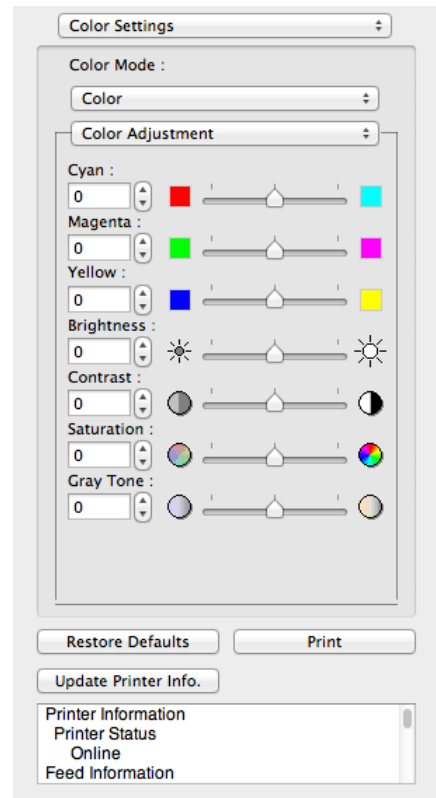
You can set the color adjustment.

### Adjusting Color

Normally colors should be adjusted in the software application, but if you see colors in the printout that do not match colors on the screen, you can perform color adjustments.


- 1 Select **Color** on **Color Mode** in the **Color Settings** panel.

**2** Select **Color Adjustment**.



**3** Drag each slider to the left or right to adjust.

Setting	Details
<b>Cyan</b>	Adjusts the strength of colors to compensate the hues.
<b>Magenta</b>	Adjusts the strength of colors to compensate the hues.
<b>Yellow</b>	Adjusts the strength of colors to compensate the hues.
<b>Brightness</b>	Adjusts the brightness of the entire image. When the results of the printout are brighter than the original images such as the original photo before scanning and graphics created on the display, or when you want to print in different degrees of brightness, use this feature.
<b>Contrast</b>	Adjusts the relative brightness between the brightest and darkest portions of the image. *For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
<b>Saturation</b>	Adjusts the hues for vivid color or dark color.
<b>Gray Tone</b>	Adjusts gray from cool black (bluish tones) to warm black (reddish tones).

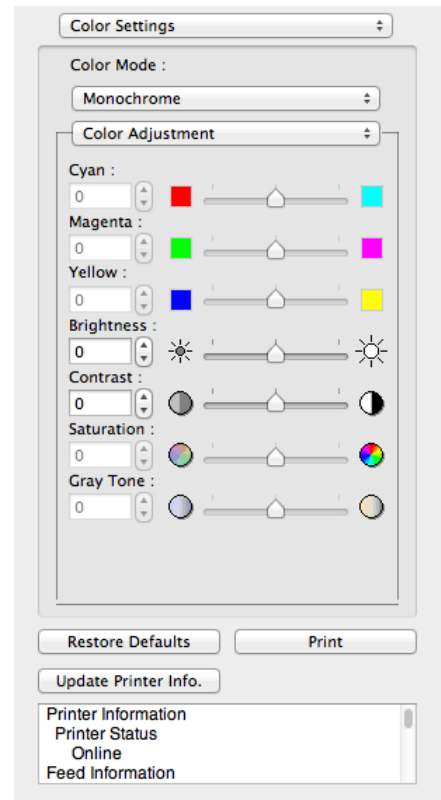
 • You can also click the up or down arrow, or enter the number directly to increase or decrease the value.

**Adjusting Monochrome**

Use the monochrome setting to print monochrome images of color photographs captured with a scanner or digital camera or other color images.


**1** Select **Monochrome** on **Color Mode** in the **Color Settings** panel.

**2** Select **Color Adjustment**.




**3** Drag each slider to the left or right to adjust.

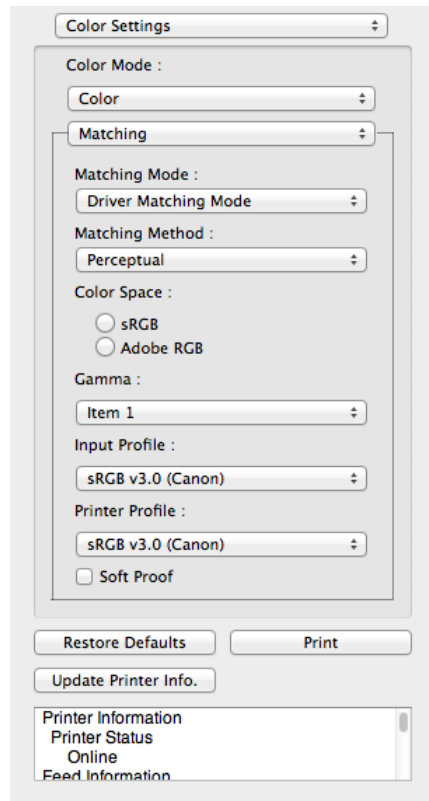
Setting	Details
<b>Brightness</b>	Adjusts the brightness of the entire image. When the results of the printout are brighter than the original images such as the original photo before scanning and graphics created on the display, or when you want to print in different degrees of brightness, use this feature.
<b>Contrast</b>	Adjusts the relative brightness between the brightest and darkest portions of the image. *For soft gradation, decrease the contrast. For hard gradation, increase the contrast.

 **Note** • You can also click the up or down arrow, or enter the number directly to increase or decrease the value.

**Matching**

You can set the matching.

 **Important** • If **No color correction** is selected under **Color Mode**, the **Matching** is not displayed.



**• Matching Mode**

You can select a matching mode to suit the print job.

Setting	Details
<b>Driver Matching Mode</b> →P.306	Enables printing of optimal color tones using a driver specific color profile. You should normally select this mode.
<b>ICC Matching Mode</b> →P.307	Enables color matching using ICC profiles. Select this if you want to print by specifying the input profile, printer profile, and matching method in detail. This allows you to use ICC profiles for digital cameras and scanners, ICC profiles created using the profile creation tool, etc.
<b>ColorSync</b> →P.308	Enables color matching by using the ColorSync function of OS X. Select this if you want to perform soft proofing using ColorSync before printing.

• You need to set each correction on the printer driver.  
**Note** • **ColorSync** needs to be selected in the **Color Matching** panel of the driver in order to select **ColorSync**.

**• Matching Method**

You can select a matching method to suit the print job.

**• Gamma**

You can adjust the gradation of intermediate tones in an image. **2.2** is normally selected. If you want a softer impression than **2.2**, select **1.8**.

• You can select only after **Driver Matching Mode** has been selected in **Matching Mode**.  
**Note**

**• Input Profile**

Select the input profile.

• You can select only after **ICC Matching Mode** has been selected in **Matching Mode**.  
**Note**

**• Printer Profile**

Select the printer profile.



You can select only after **ICC Matching Mode** has been selected in **Matching Mode**.

**Soft Proof**

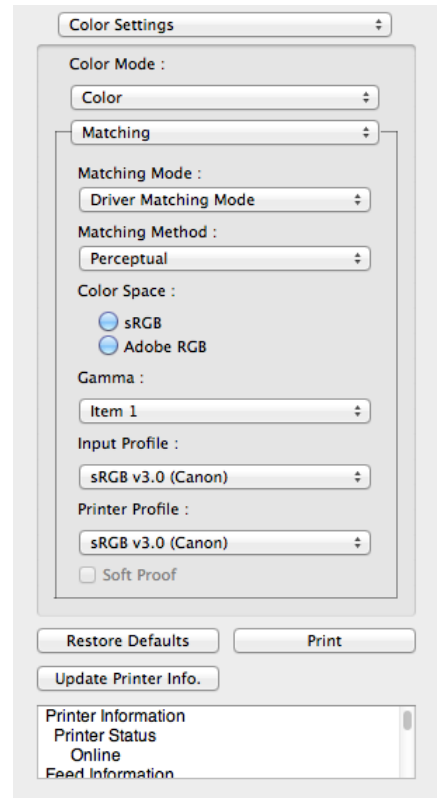
When you place a checkmark here, **ColorSync** applies to the layout area.



You can select only after **ColorSync** has been selected in **Matching Mode**.

## Driver Matching Mode

**1** Under **Matching Mode**, select **Driver Matching Mode**.



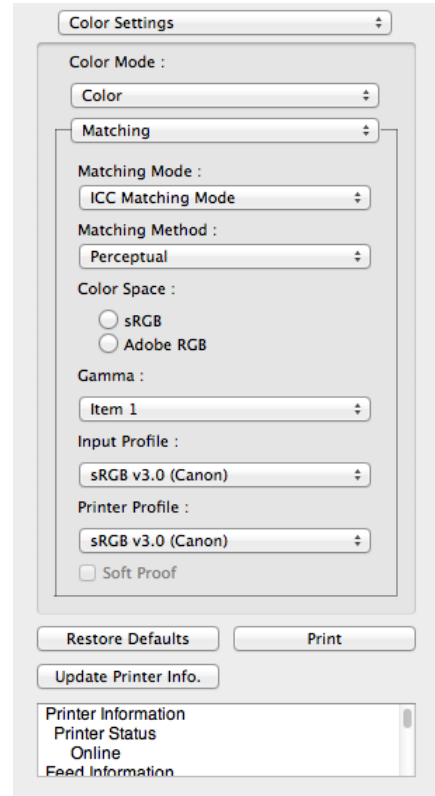
**2** Click the **Matching Method** list, and then select a setting.

Setting	Details
<b>Auto</b>	Automatically selects the best color matching method for each Image, Graphics, Text.
<b>Perceptual</b>	Color-matching optimized for printing typical photos attractively. Smooth gradation is a feature. This is also an easy-to-use mode when performing color adjustment using application software.
<b>Saturation</b>	Color-matching optimized for printing posters, etc., vividly.
<b>Colorimetric</b>	Color-matching optimized for printing image data with accurate colors in input color space. This is the easiest-to-use mode when you want to adjust the color and print. However, gradation may be lost for colors of wider range than the color reproduction range of the printer. Generally, this is also called relative colorimetric.



# ICC Matching Mode

**1** Under **Matching Mode**, select **ICC Matching Mode**.



**2** Click the **Matching Method** list, and then select a setting.

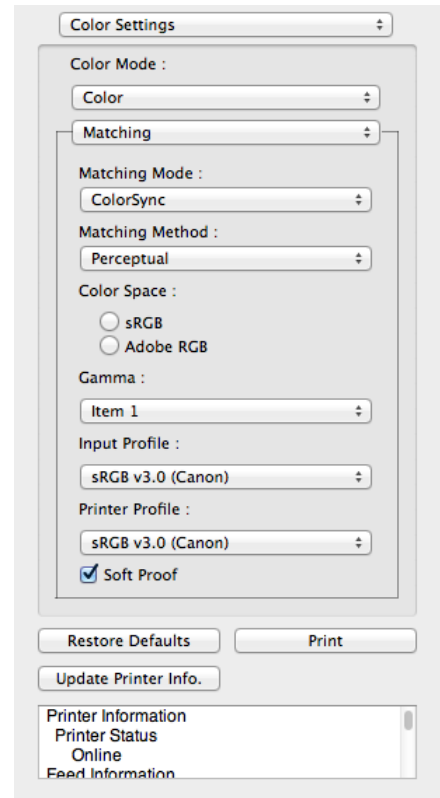
Setting	Details
<b>Perceptual</b>	Color-matching optimized for printing typical photos attractively. Smooth gradation is a feature. This is also an easy-to-use mode when performing color adjustment using application software.
<b>Saturation</b>	Color-matching optimized for printing posters, etc., vividly.
<b>Colorimetric</b>	Color-matching optimized for printing image data with accurate colors in input color space. This is the easiest-to-use mode when you want to adjust the color and print. However, gradation may be lost for colors of wider range than the color reproduction range of the printer. Generally, this is also called relative colorimetric.
<b>Colorimetric (No White-Point Correction)</b>	The processing method of color-matching is identical to <b>Colorimetric</b> . Use this when you want to further reproduce the target paper material color of the image data. Generally, this also is called absolute colorimetric.

**3** Click the **Input Profile** list and select an input profile.

**4** Click the **Printer Profile** list and select a printer profile.

## ColorSync

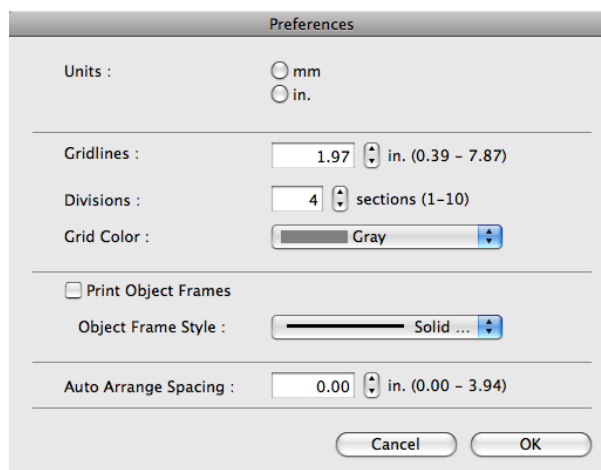
**1** Check that **ColorSync** is selected in **Matching Mode**.



**2** Place a checkmark on **Soft Proof** to simulate the output product in Layout Area.

## Preferences Dialog Box

This dialog box appears when you select **Preferences** from the imagePROGRAF Advanced Preview menu. You can set the preferences for Free Layout.



- **Units**

Set the unit for paper length, margins, and so on.

- **Gridlines**

You can input a grid line width value in numerical characters so that they serve as a guide to laying out objects.



Note

- You can input between 10.0 and 200.0(mm) (between 0.39 and 7.87(inch)).
- You can change the numbers by clicking either ▲ button or ▼ button.

• **Divisions**

You can change the number of divisions of grid lines so that they serve as a guide to laying out objects.



- You can input between 1 and 10.
- You can change the numbers by clicking either ▲ button or ▼ button.

• **Grid Color**

Select the grid line color.

• **Print Object Frames**

You can print the object border.



- If you do not want to print the object border, deselect the **Print Object Frames** check box.

• **Object Frame Style**

You can select the object frame style for printing.

The following settings are available for the object frame style.

Setting	Details
<b>Solid Line</b>	You can print the solid line as the frame style.
<b>Dotted Line</b>	You can print the dotted line as the frame style.
<b>Dashed Line</b>	You can print the dashed line as the frame style.

• **Auto Arrange Spacing**

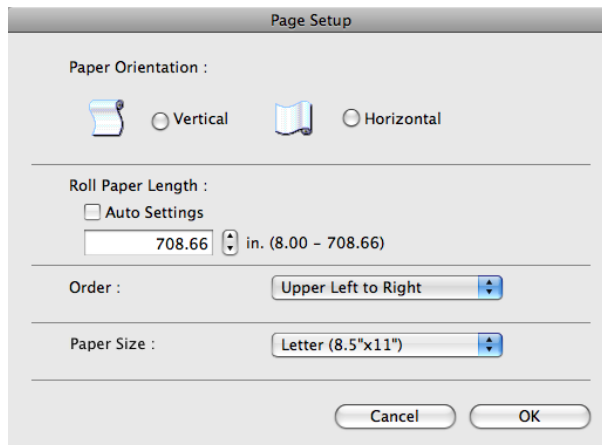
Change the object-to-object spacing to be applied in the operation of laying out objects automatically.



- You can input between 0.0 and 100.0(mm) (between 0.00 and 3.94(inch)).
- You can change the numbers by clicking either ▲ button or ▼ button.

## Page Setup Dialog Box

This dialog box appears when you select **Page Setup** from the **File** menu. This dialog box provides selections for setting the media size, orientation and other important features.



• **Paper Orientation**

This selects the paper orientation.

The following settings are available for orientation.

Setting	Details
<b>Vertical</b>	Prints the image and text created with the application software in the orientation as it is.
<b>Horizontal</b>	Prints the image and text by rotating sideways 90 degrees from the orientation as specified in the application.

• **Roll Paper Length**

Set the length of one page to print on roll paper.

When you place a checkmark on **Auto Settings**, the one-page length to be printed on roll paper is automatically set so that the laid-out objects are printed on one page.



Note

- Available only if rolls are selected in **Paper Source**.
- You can input between 203.2 and 18000.0(mm) (between 8.00 and 708.66(inch)).
- You can change the numbers by clicking either ▲ button or ▼ button.

#### • Order

Set the object layout order.

The following settings are available for order.

Setting	Details
<b>Upper Left to Right</b>	The objects are laid out from upper left to right.
<b>Upper Left to Bottom</b>	The objects are laid out from upper left to bottom.



Note

- When you have selected **Roll Paper Length > Auto Settings** and **Paper Orientation > Vertical**, you can choose only **Upper Left to Right**.
- When you have selected **Roll Paper Length > Auto Settings** and **Paper Orientation > Horizontal**, you can choose only **Upper Left to Bottom**.

#### • Paper Size

You can select the size of the print media.

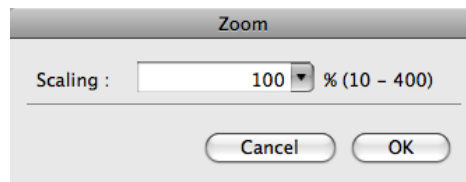


Note

- You cannot display this if **Roll Paper** is selected in **Paper Source**.

## Zoom Dialog Box

This dialog box appears when you select **Zoom** from the **View** menu. You can enlarge or reduce the screen display.



#### • Scaling

Set the magnification for enlargement or reduction of the screen display.

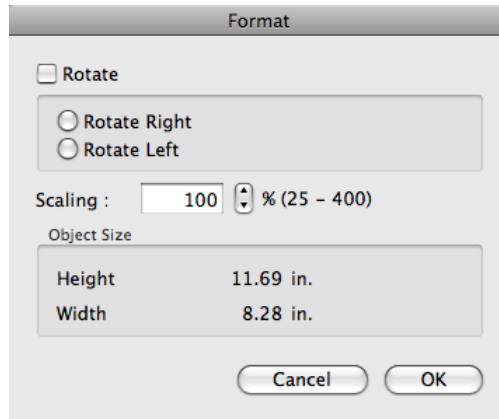


Note

- You can input between 10 and 400.
- You can change the numbers by clicking ▼ button.

## Format Dialog Box

This dialog box appears when you select **Format** from the **Object** menu after you select an object. You can rotate, enlarge, or reduce an object.



- When the objects are not selected, you can not select **Format**.

Note

### • Rotate

When you place a checkmark here, you can select **Rotate Right** or **Rotate Left**.

Setting	Details
<b>Rotate Right</b>	Rotates the object 90 degrees clockwise.
<b>Rotate Left</b>	Rotates the object 90 degrees counterclockwise.



- When several objects are selected, you cannot select **Rotate**.

Note

### • Scaling

You can input the value for enlargement or reduction of the object in numerical characters.



- You can input between 25 and 400.
- You can change the numbers by clicking either ▲ button or ▼ button.

Note

### • Object Size

You can confirm the object size.



- When several objects are selected, you cannot display **Object Size**.

Note

## Laying out a Multiple-File Document on One Page

You can lay out and print a multiple-file document on one page.

1

From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.



- Normally, select **Print** from the **File** menu.

Note

2

Click on **Free Layout** in the **Page Setup** panel to attach a checkmark.

3

In the **Print** dialog box, select the pages to print and the number of copies, and click the **Print** button. Free Layout starts, laying out the document created with application software in the layout area as an object.

- 4** Leaving Free Layout running, open other files with the application software and repeat the above steps.

## Laying out a Document Created with Multiple Application Programs on One Page

You can lay out and print a document created with multiple application programs on one page.

- 1** From the application software's **File** menu, select the printer setup menu to open the **Print** dialog box.



Note

- Normally, select **Print** from the **File** menu.

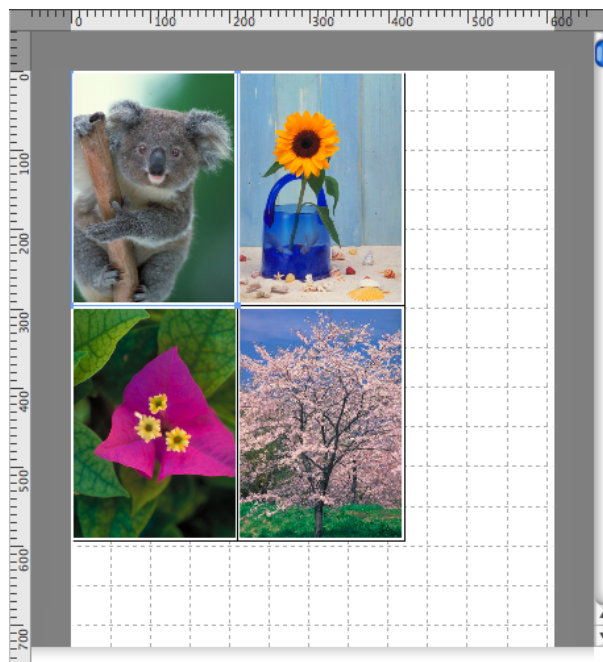
- 2** Click on **Free Layout** in the **Page Setup** panel to attach a checkmark.

- 3** In the **Print** dialog box, select the pages to print and the number of copies, and click the **Print** button. Free Layout starts, laying out the document created with application software in the layout area as an object.

- 4** Leaving Free Layout running, open the files with other application software and repeat the above steps.

## Selecting an Object

When an object is selected, a select box (blue border) appears around the object.



Note

- To select an object, click that object.
- To select multiple successive objects, click them while holding down the shift key.
- To select multiple arbitrary objects, click them while holding down the command key.
- To select all objects, select **Select All** from the **Edit** menu.

## Changing the Object Size

You can change the object size by means of mouse operation or by specifying a scaling value.

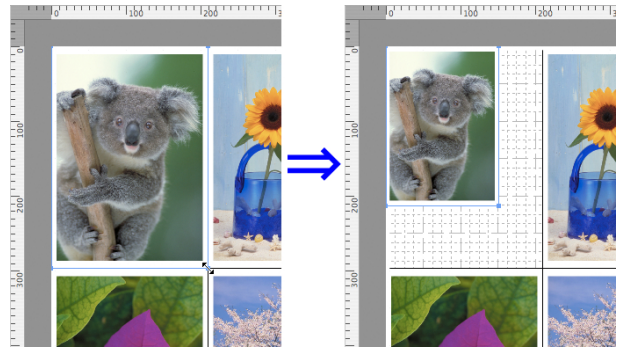


Note

- The vertical-to-horizontal ratio remains unchanged when the object is enlarged or reduced.

## Resizing by means of mouse operation

- 1 Select an object.
- 2 Place the pointer at a corner of the selection box around the object to show the arrow handle, and drag this handle to change the object size.



## Resizing by specifying a scaling value

- 1 Select an object.
- 2 Open the **Format Dialog Box** → P.311 .
- 3 Use **Scaling** to set the magnification for enlargement or reduction. You either enter numbers directly.



Note

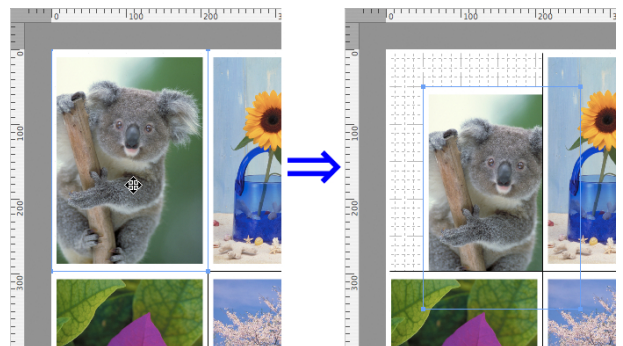
- You can input between 25 and 400.
- You can change the numbers by clicking either ▲ button or ▼ button.

- 4 Click the **OK** button.

## Moving an Object

You can move the object position.

- 1 Select an object.
- 2 Place the pointer inside the selection box of the object to show the crosshair handle, and drag it to move the object.

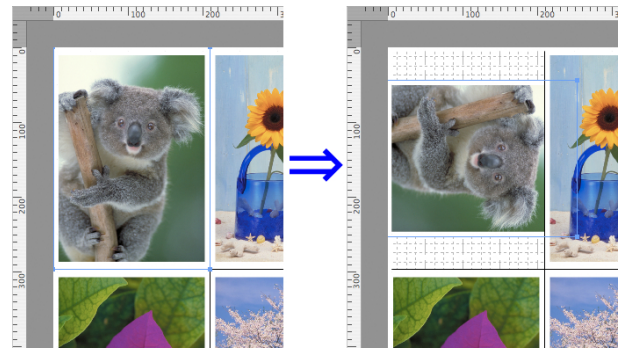


## Rotating an Object

You can rotate the object.

- 1 Select an object.

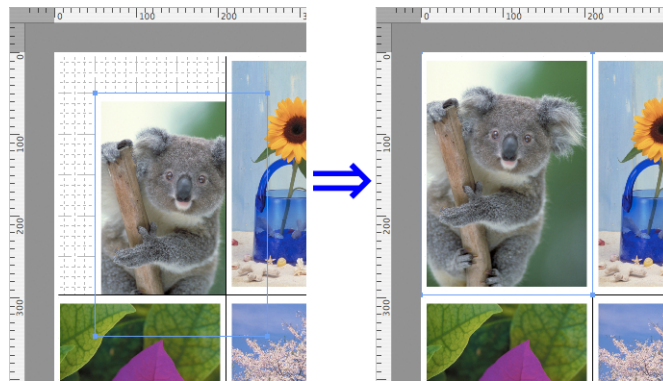
- 2 Select **Rotate Left** or **Rotate Right** from the toolbar. Alternatively, you may click on the **Rotate** check box in the **Format Dialog Box** → P.311 then select **Rotate Right** or **Rotate Left**, and click the **OK** button.



- When several objects are selected, you cannot select **Rotate**.

## Laying out Objects Automatically

Click **Auto Arrange** in the tool bar. This automatically lays out objects. Alternatively, you may select **Auto Arrange Object** from the **Object** menu.



- The object layout order varies depending on the **Order** setting on the **Page Setup Dialog Box** → P.309 .

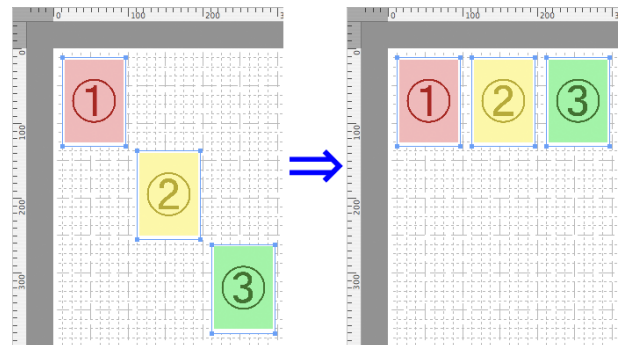
## Aligning Objects

You can align objects systematically.

- 1 Select multiple objects.
- 2 Select the align menu from the **Object** menu.

- **Align Top**

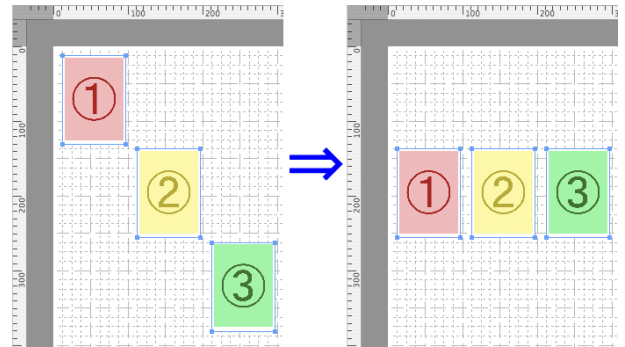
Lays out the objects, justifying them to the top.





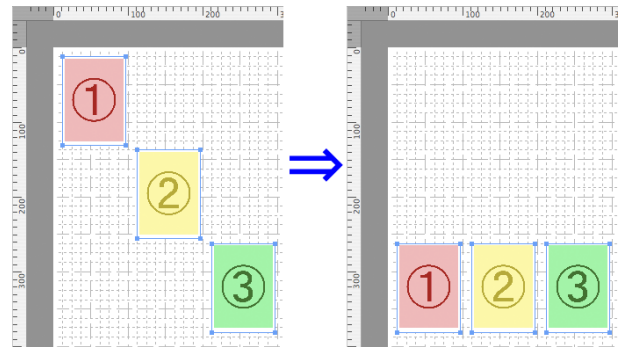
- **Center Vertically**

Lays out the objects, justifying them to the vertical center.



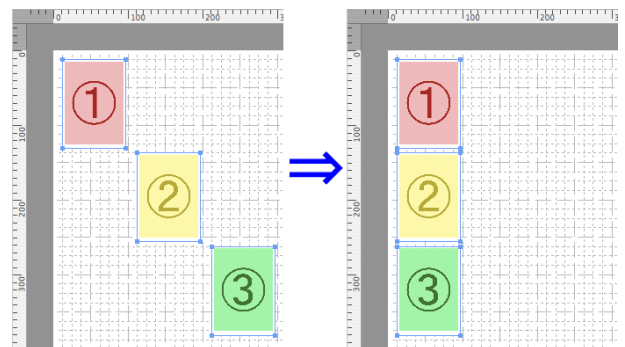
- **Align Bottom**

Lays out the objects, justifying them to the bottom.



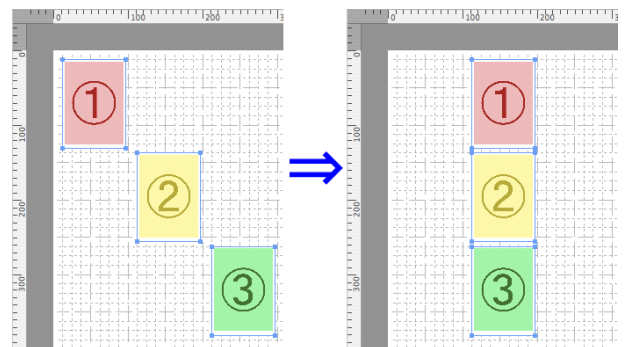
- **Align Left**

Lays out the objects, justifying them to the left.



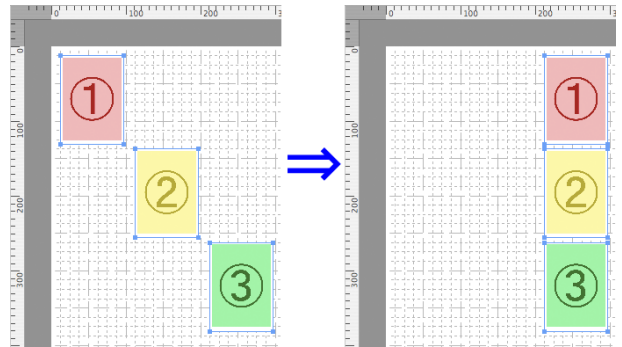
- **Center Horizontally**

Lays out the objects, justifying them to the horizontal center.



• **Align Right**

Lays out the objects, justifying them to the right.



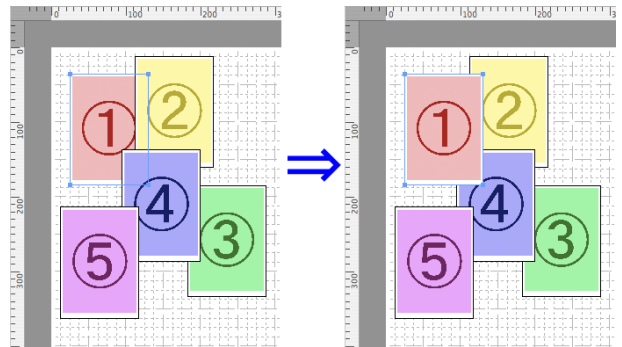
**Changing the Object Overlapping Order**

You can change the object overlapping order.

- 1 Select an object.
- 2 Select the overlapping order menu from the **Object** menu.

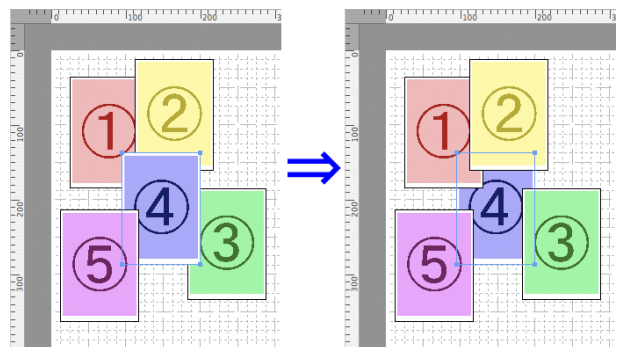
• **Bring to Front**

Moves the object to the frontmost position.



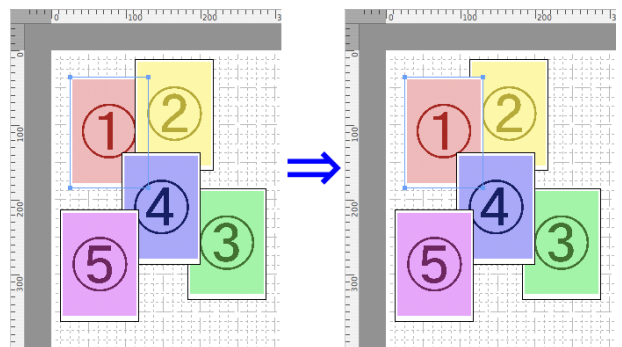
• **Send to Back**

Moves the object to the backmost position.



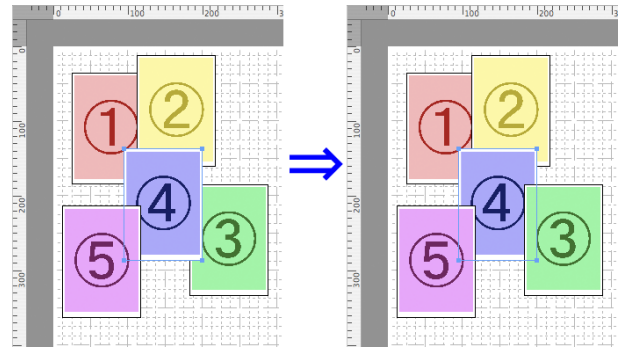
• **Bring Forward**

Moves the object one position to the front.



- **Send Backward**

Moves the object one position to the back.



## Pasting a Copied or Cut Object

- 1 Click **Copy** or **Cut** from the toolbar.  
Alternatively, you may select **Copy** or **Cut** from the **Edit** menu.
- 2 Click **Paste** from the toolbar.  
Alternatively, you may select **Paste** from the **Edit** menu.



Note

- The copied or cut object is laid out at the end of the page.

# Memo

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255

## Handling and Use of Paper

Paper .....	320
Handling rolls .....	330
Handling sheets .....	353
Output Stacker .....	359
Media take-up unit .....	365
Media Configuration Tool (Windows) .....	375
Media Configuration Tool (Mac OS) .....	397

Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

# Paper

Types of Paper .....	320
Paper Sizes .....	320
Using Paper Other Than Genuine Paper and feed confirmed Paper .....	322
Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings .....	323
Displaying the Paper Reference Guide .....	323
Updating paper information .....	326

## Types of Paper

The following types of paper are supported by the printer. For details on the paper supported by the printer, refer to the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide.") →P.323

- Plain Paper
- Coated Paper
- Photo Paper
- Glossy Paper
- Proofing Paper
- CAD-dedicated Paper Etc.

The following content is described in the **Paper Reference Guide**.

- Types of paper
- Paper handling
- Paper product specifications
- Use precautions
- Setting of printer driver, control panel etc.

- **Paper Reference Guide** display method

For the procedure for displaying the **Paper Reference Guide**, see "Displaying the Paper Reference Guide." →P.323

- Method of Updating Supported Paper

Paper that is supported by the printer may be newly released on the Canon website.

To use newly released paper, register the latest paper information on the printer with the Media Configuration Tool. (See "Updating paper information.") →P.326



Important

- Even if you are not using the printer driver, you should install the Media Configuration Tool in order to register the media types for your region in the printer.  
(See "Media Configuration Tool (Windows).") →P.375  
(See "Media Configuration Tool (Mac OS).") →P.397

## Paper Sizes

### Rolls

Rolls that meet the following conditions are supported.

- Outer diameter: Up to 150 mm (6 in)
- Inner diameter of paper core: 2 or 3 inches
- Printing side out

Roll Width	Roll Paper Width Setting in Printer Driver	Borderless Printing (*1)
1117.6 mm (44.00 in)	<b>44-in. Roll (1117.6mm)</b>	Yes
1066.8 mm (42.00 in)	<b>42-in. Roll (1066.8mm)</b>	Yes
1030.0 mm (40.55 in)	<b>JIS B0/B1 Roll (1030.0mm)</b>	Yes
914.4 mm (36.00 in)	<b>36-in. Roll (914.4mm)</b>	Yes

Roll Width	Roll Paper Width Setting in Printer Driver	Borderless Printing (*1)
841.0 mm (33.11 in)	<b>ISO A0/A1 Roll (841.0mm)</b>	Yes
762.0 mm (30.00 in)	<b>30-in. Roll (762.0mm)</b>	No
728.0 mm (28.66 in)	<b>JIS B1/B2 Roll (728.0mm)</b>	No
609.6 mm (24.00 in)	<b>24-in. Roll (609.6mm)</b>	Yes
594.0 mm (23.39 in)	<b>ISO A1/A2 Roll (594.0mm)</b>	Yes
515.0 mm (20.28 in)	<b>JIS B2/B3 Roll (515.0mm)</b>	Yes
431.8 mm (17.00 in)	<b>17-in. Roll (431.8mm)</b>	Yes
420.0 mm (16.54 in)	<b>ISO A2/A3 Roll (420.0mm)</b>	No
406.4 mm (16.00 in)	<b>16-in. Roll (406.4mm)</b>	No
355.6 mm (14.00 in)	<b>14-in. Roll (355.6mm)</b>	Yes
297.0 mm (11.69 in)	<b>ISO A3/A4 Roll (297.0mm)</b>	No
254.0 mm (10.00 in)	<b>10-in. Roll (254.0mm)</b>	Yes

\*1: For information on types of paper compatible with borderless printing, refer to the **Paper Reference Guide**. (See "Types of Paper.") → P.320

## Sheets

Sheets of the following sizes are supported.

Paper Sizes	Dimensions
<b>ISO A0</b>	841.0 × 1189.0 mm (33.11 × 46.81 in)
<b>ISO A1</b>	594.0 × 841.0 mm (23.39 × 33.11 in)
<b>ISO A2</b>	420.0 × 594.0 mm (16.54 × 23.39 in)
<b>ISO A2+</b>	431.8 × 609.6 mm (17.00 × 24.00 in)
<b>ISO A3</b>	297.0 × 420.0 mm (11.69 × 16.54 in)
<b>ISO A3+</b>	329.0 × 483.0 mm (12.95 × 19.02 in)
<b>ISO A4</b>	210.0 × 297.0 mm (8.27 × 11.69 in)
<b>ISO B0</b>	1000.0 × 1414.0 mm (39.37 × 55.67 in)
<b>ISO B1</b>	707.0 × 1000.0 mm (27.83 × 39.37 in)
<b>ISO B2</b>	500.0 × 707.0 mm (19.69 × 27.83 in)
<b>ISO B3</b>	353.0 × 500.0 mm (13.90 × 19.69 in)
<b>ISO B4</b>	250.0 × 353.0 mm (9.84 × 13.90 in)
<b>JIS B0</b>	1030.0 × 1456.0 mm (40.55 × 57.32 in)
<b>JIS B1</b>	728.0 × 1030.0 mm (28.66 × 40.55 in)
<b>JIS B2</b>	515.0 × 728.0 mm (20.28 × 28.66 in)
<b>JIS B3</b>	364.0 × 515.0 mm (14.33 × 20.28 in)
<b>JIS B4</b>	257.0 × 364.0 mm (10.12 × 14.33 in)
<b>34"x44"(ANSI E)</b>	863.6 × 1117.6 mm (34.00 × 44.00 in)
<b>28"x40"(ANSI F)</b>	711.2 × 1016.0 mm (28.00 × 40.00 in)
<b>22"x34"(ANSI D)</b>	558.8 × 863.6 mm (22.00 × 34.00 in)
<b>17"x22"(ANSI C)</b>	431.8 × 558.8 mm (17.00 × 22.00 in)
<b>11"x17"(Ledger)</b>	279.4 × 431.8 mm (11.00 × 17.00 in)
<b>13"x19"(Super B)</b>	330.2 × 482.6 mm (13.00 × 19.00 in)
<b>Letter(8.5"x11")</b>	215.9 × 279.4 mm (8.50 × 11.00 in)
<b>Legal(8.5"x14")</b>	215.9 × 355.6 mm (8.50 × 14.00 in)
<b>36"x48"(ARCH E)</b>	914.4 × 1219.2 mm (36.00 × 48.00 in)
<b>30"x42"(ARCH E1)</b>	762.0 × 1066.8 mm (30.00 × 42.00 in)
<b>26"x38"(ARCH E2)</b>	660.4 × 965.2 mm (26.00 × 38.00 in)

Paper Sizes	Dimensions
<b>27"x39"(ARCH E3)</b>	685.8 × 990.6 mm (27.00 × 39.00 in)
<b>24"x36"(ARCH D)</b>	609.6 × 914.4 mm (24.00 × 36.00 in)
<b>18"x24"(ARCH C)</b>	457.2 × 609.6 mm (18.00 × 24.00 in)
<b>12"x18"(ARCH B)</b>	304.8 × 457.2 mm (12.00 × 18.00 in)
<b>9"x12"(ARCH A)</b>	228.6 × 304.8 mm (9.00 × 12.00 in)
<b>DIN C0</b>	917.0 × 1296.0 mm (36.10 × 51.02 in)
<b>DIN C1</b>	648.0 × 917.0 mm (25.51 × 36.10 in)
<b>DIN C2</b>	458.0 × 648.0 mm (18.03 × 25.51 in)
<b>DIN C3</b>	324.0 × 458.0 mm (12.76 × 18.03 in)
<b>DIN C4</b>	229.0 × 324.0 mm (9.02 × 12.76 in)
<b>20"x24"</b>	508.0 × 609.6 mm (20.00 × 24.00 in)
<b>18"x22"</b>	457.2 × 558.8 mm (18.00 × 22.00 in)
<b>14"x17"</b>	355.6 × 431.8 mm (14.00 × 17.00 in)
<b>12"x16"</b>	304.8 × 406.4 mm (12.00 × 16.00 in)
<b>10"x12"</b>	254.0 × 304.8 mm (10.00 × 12.00 in)
<b>10"x15"</b>	254.0 × 381.0 mm (10.00 × 15.00 in)
<b>8"x10"</b>	203.2 × 254.0 mm (8.00 × 10.00 in)
<b>US Photo 16"x20"</b>	406.4 × 508.0 mm (16.00 × 20.00 in)
<b>Poster 20"x30"</b>	508.0 × 762.0 mm (20.00 × 30.00 in)
<b>Poster 30"x40"</b>	762.0 × 1016.0 mm (30.00 × 40.00 in)
<b>Poster 42"x60"</b>	1066.8 × 1524.0 mm (42.00 × 60.00 in)
<b>Poster 44"x62"</b>	1117.6 × 1574.8 mm (44.00 × 62.00 in)
<b>13"x22"</b>	329.0 × 558.0 mm (12.95 × 21.97 in)
<b>Poster 300x900mm</b>	300.0 × 900.0 mm (11.81 × 35.43 in)
Custom Paper Size	203.2 × 203.2 mm (8.00 × 8.00 in) to 1118.0 × 1600.0 mm (44.02 × 62.99 in)



Note

- For details on non-standard paper sizes, see "Printing on Non-Standard Paper Sizes." → P.96
- Borderless printing is not supported on sheets.

## Using Paper Other Than Genuine Paper and feed confirmed Paper

When using this printer to print on paper other than genuine Canon paper and feed confirmed paper, use paper that meets the following conditions.



Note

- Refer to **Paper Reference Guide** for details on genuine Canon paper and feed confirmed paper. (See "Displaying the Paper Reference Guide.") → P.323

- Paper where the size is described in "Paper Sizes" (See "Paper Sizes.") → P.320
- Paper where the thickness is described in "Paper Thickness" in "Specifications" (See "Specifications.") → P.660
- Paper where bleeding and ink overflow does not occur when printing
- Paper that does not warp severely when loading the paper or printing



Important


- If you use paper other than genuine Canon paper and feed confirmed paper, Canon provides absolutely no guarantees regarding print quality or paper feed properties. Refer to **Paper Reference Guide** for details on genuine Canon paper and feed confirmed paper. (See "Displaying the Paper Reference Guide.") → P.323

Load paper in the printer and then select the paper type in the control panel and printer driver and print. You can print easily by selecting from existing settings provided in the printer control panel and printer driver. (See "Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings.") → P.323




## Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings

You can easily print on paper other than genuine Canon paper and feed confirmed paper without making complicated settings by selecting existing settings provided in the printer control panel and printer driver depending on the media type you are using. The existing settings consist of general-purpose paper settings provided for each media type and special settings that allow you to select the amount of ink to use.

  
**Important**

- The genuine Canon paper settings provided in the printer control panel and printer driver are optimized for genuine Canon paper. If these settings are selected for printing on paper other than genuine Canon paper, the ink may bleed or the printhead may rub against the paper. In order to easily print on paper other than genuine Canon paper and feed confirmed paper, we recommend that you select one of the following general-purpose paper settings or special settings.

  
**Note**

- For an overview of the media types, see "Types of Paper." →P.320
- For details on how to select the media type in the control panel and printer driver, see "Types of Paper." →P.320

### Choosing General-Purpose Paper Settings

Since these settings anticipate a wide variety of paper other than genuine Canon paper and feed confirmed paper, these settings will make it difficult for bleeding ink and the printhead rubbing to occur. Refer to the following table for the relationships between the conditions of the paper other than genuine Canon paper and feed confirmed paper and the media type to select.

Type	Approximate weight	Approximate thickness	Printer control panel	Printer driver
Plain Paper	70 g/m <sup>2</sup>	0.09 mm (0.0035 in.)	<b>Plain Paper</b>	<b>Plain Paper</b>
Coated Paper	90 g/m <sup>2</sup>	0.13 mm (0.0051 in.)	<b>LW. Coated Paper</b>	<b>Lightweight Coated Paper</b>
	170 g/m <sup>2</sup>	0.22 mm (0.0087 in.)	<b>HW. Coated Paper</b>	<b>Heavyweight Coated Paper</b>
Photo Paper	180 g/m <sup>2</sup>	0.18 mm (0.0071 in.)	<b>LW. Photo Paper</b>	<b>Lightweight Photo Paper</b>
			<b>LWPhotoPaper(LI)(*1)</b>	<b>Lightweight Photo Paper (LowInk)(*1)</b>
	260 g/m <sup>2</sup>	0.26 mm (0.010 in.)	<b>HW. Photo Paper</b>	<b>Heavyweight Photo Paper</b>
			<b>HWPhotoPaper(LI)(*1)</b>	<b>Heavyweight Photo Paper (LowInk)(*1)</b>
Proof	80 g/m <sup>2</sup>	0.10 mm (0.0039 in.)	<b>News Proof</b>	(*2)
Sign/CAD Paper	150 g/m <sup>2</sup>	0.11 mm (0.0043 in.)	<b>CAD Clear Film</b>	<b>CAD Clear Film</b>
	90 g/m <sup>2</sup>	0.08mm (0.0031 in.)	<b>CAD Trce(LowInk)</b>	<b>CAD Tracing Paper (Low Ink)</b>
	100 g/m <sup>2</sup>	0.13 mm (0.0051 in.)	<b>Syn.Papr(LowInk)</b>	<b>Synthetic Paper (LowInk)</b>

\*1: Print using slightly less ink. Try this if you are concerned about rubbing of ink after printing.

\*2: Software RIP is required separately.

### Selecting Special Settings

Special settings are provided that allow you to select the amount of ink used in steps. You can fix lackluster colors or bleeding ink by selecting special settings where the amount of ink used is suitable for the paper you are using. "Special 1" uses the least amount of ink, with the amount of ink used increasing through 5 steps as the number increases up to "Special 5" which uses the greatest amount of ink. Although colors become more vivid as the amount of ink used increases, bleeding also occurs more easily. We recommend that you try in order starting from "Special 1" while checking the state of the printing.

### Displaying the Paper Reference Guide

The **Paper Reference Guide** are not included. To view, display the **Paper Reference Guide** on the website from the links in the installed software. An Internet connection is required in order to view them.

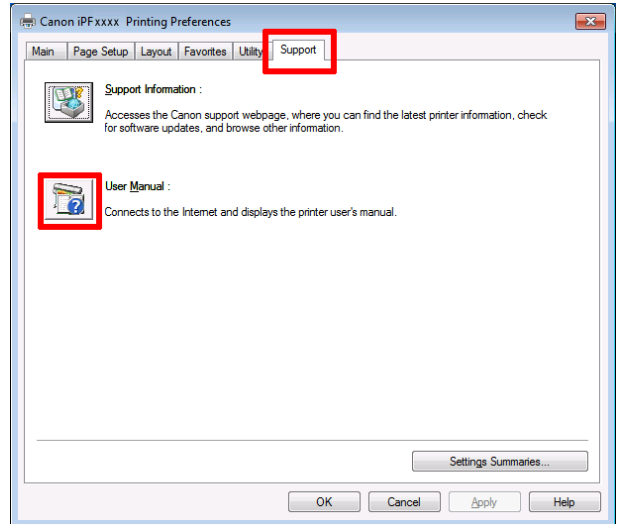
- Windows**

The basic instructions for displaying the **Paper Reference Guide** from the printer driver are as follows.

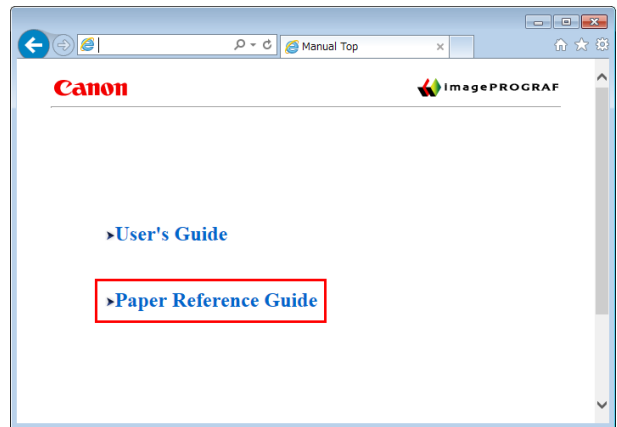
  - Open the printer driver.  
(See "Accessing the Printer Driver Dialog Box from Applications (Windows).") →P.152

(See "Accessing the Printer Driver Dialog Box from the Operating System Menu (Windows).") →P.153

- 2. Select the **Support** sheet and click the **User Manual** button.



- 3. Click **Paper Reference Guide**.



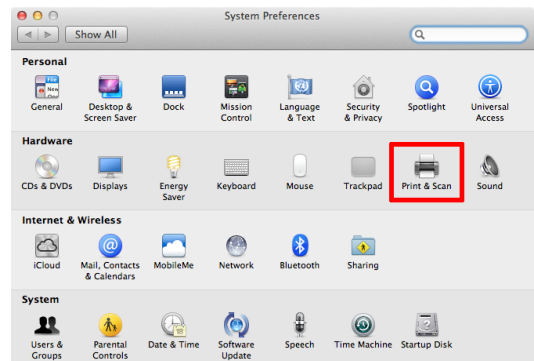
- Mac OS

The basic instructions for displaying the **Paper Reference Guide** from the imagePROGRAF Printmonitor are as follows.

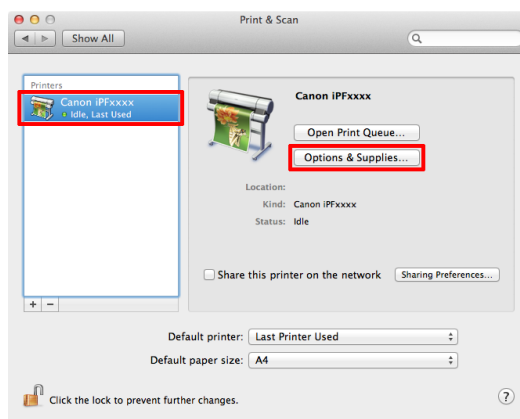
- 1. Click the **System Preferences** icon in the **Dock**.



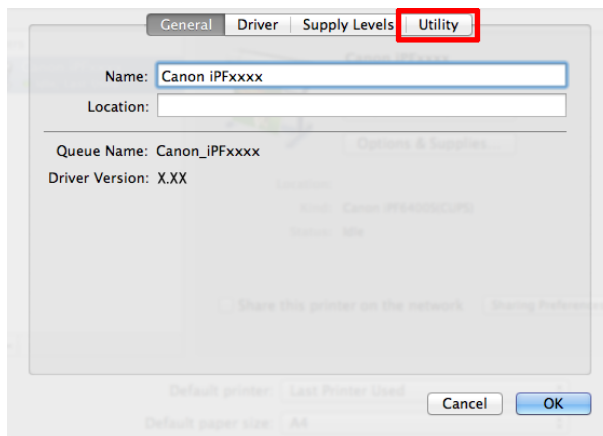
- 2. Click **Print & Scan**. (This is identified as **Printers & Scanners** or **Print & Fax** in other versions of Mac OS X.)



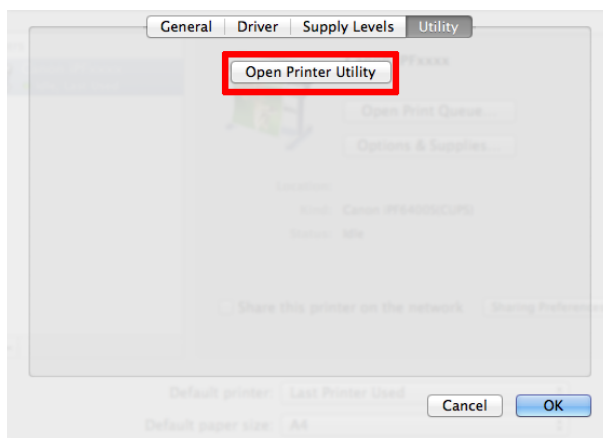
3. Select the printer from the list of printers and click **Options & Supplies**.



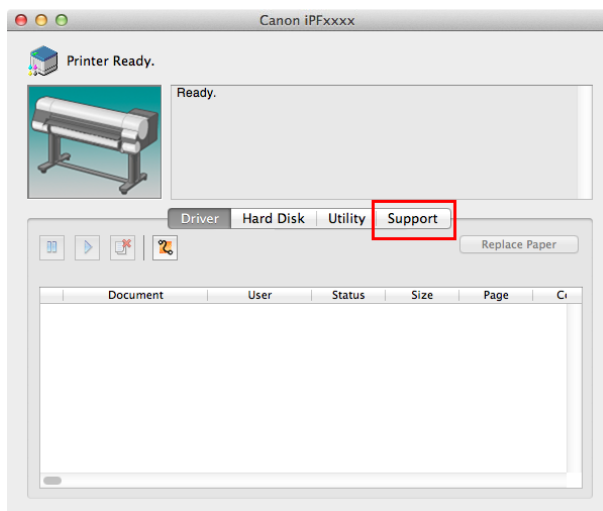
4. Click **Utility**.



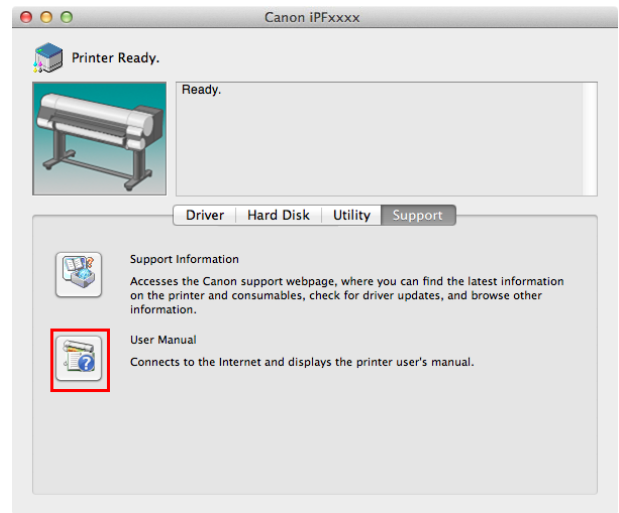
5. Click **Open Printer Utility**.



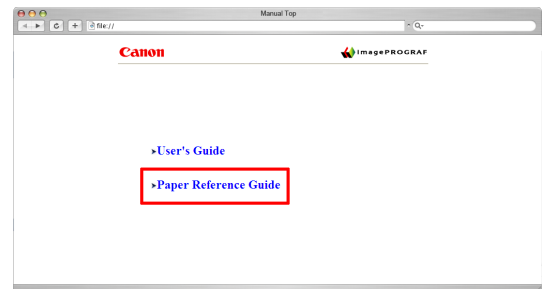
6. Click **Support**.



7. Click the **User Manual** button.



8. Click **Paper Reference Guide**.



## Updating paper information

You can update the media information in the printer Control Panel and printer driver with the latest information by applying the latest version of the **Media Information File**.

For details on the procedure for applying the **Media Information File**, refer to the following.

- **Media Configuration Tool (Windows)** →P.375
- **Media Configuration Tool (Mac OS)** →P.397



• **New Media Information Files** are released on the Canon website. A computer that is able to connect to the Internet is required in order to download the **Media Information File**.

If you are using the Media Configuration Tool, the **Media Information File** is downloaded automatically. To download it manually, access the Canon website. The Canon website can be accessed from the link in the installed software.

### Windows

The basic instructions for accessing the Canon website from the printer driver are as follows.

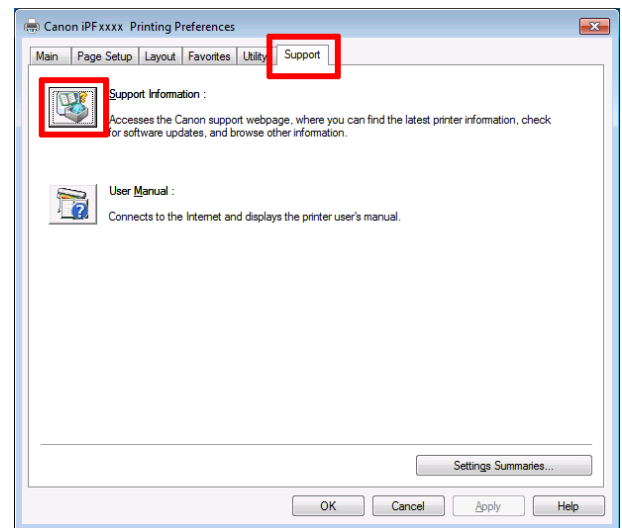
1. Open the printer driver.

(See "Accessing the Printer Driver Dialog Box from Applications (Windows).") →P.152

(See "Accessing the Printer Driver Dialog Box from the Operating System Menu (Windows).") →P.153

2. Select the **Support** sheet and click the **Support Information** button.

The default browser on your computer is started and the Canon website is displayed.



- Mac OS

The basic instructions for accessing the Canon website from imagePROGRAF Printmonitor are as follows.

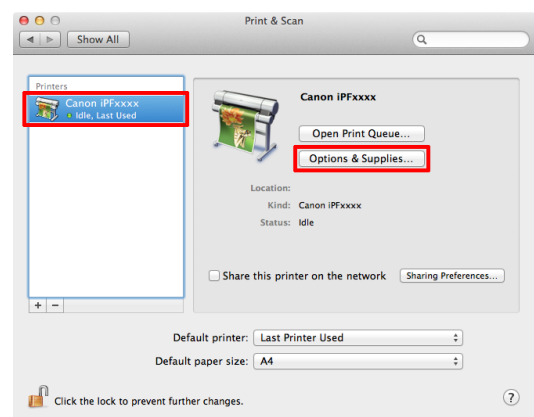
1. Click the **System Preferences** icon in the **Dock**.



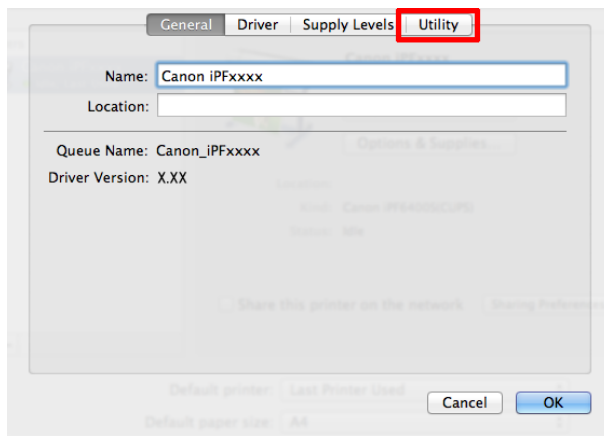
2. Click **Print & Scan**. (This is identified as **Printers & Scanners** or **Print & Fax** in other versions of Mac OS X.)



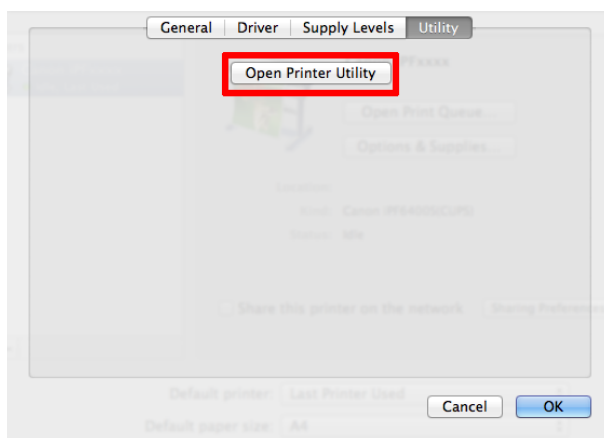
3. Select the printer from the list of printers and click **Options & Supplies**.



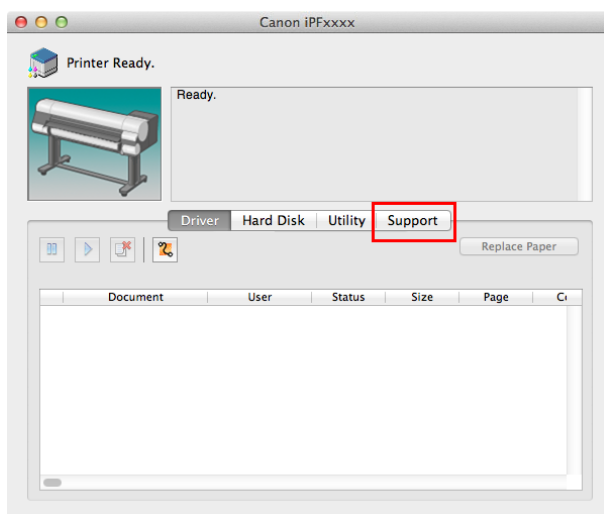
4. Click **Utility**.



5. Click **Open Printer Utility**.

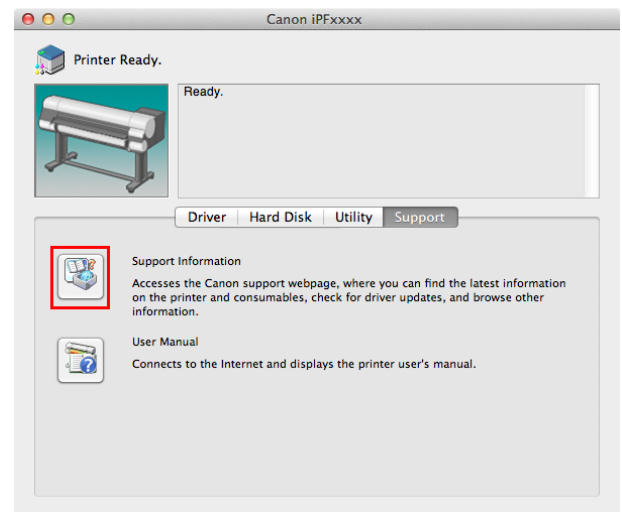


6. Click **Support**.



## 7. Click the **Support Information** button.

The default browser on your computer is started and the Canon website is displayed.



## Handling rolls

Attaching the Roll Holder to Rolls .....	330
Loading Rolls in the Printer .....	333
Changing the Type of Paper .....	336
Specifying the Paper Length .....	337
Removing the Roll from the Printer .....	338
Removing the Roll Holder from Rolls .....	340
➔ Clearing Jammed Roll Paper .....	607
Feeding Roll Paper Manually .....	341
Keeping Track of the Amount of Roll Paper Left .....	341
Specifying the Ink Drying Time for Rolls .....	342
Specifying the Cutting Method for Rolls .....	344
Cutting the Leading Edge of Roll Paper Automatically .....	350
Reducing Dust from Cutting Rolls .....	351
Roll Holder Set .....	352

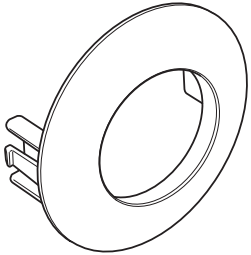
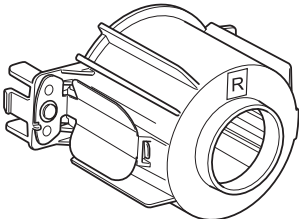
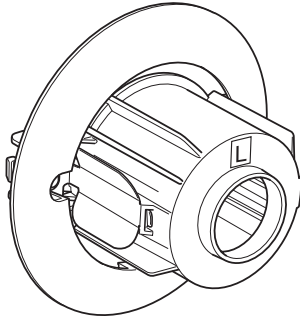
Handling and Use of Paper

Handling rolls

### Attaching the Roll Holder to Rolls

When printing on rolls, attach the Roll Holder to the roll.

Rolls have a two- or three-inch paper core. Use the correct attachment for the paper core. The printer comes equipped with the 2-Inch Paper Core Attachment installed.

Using the 2-Inch Paper Core Attachment		Using the 3-Inch Paper Core Attachment	
Roll Holder Side	Holder Stopper Side	Roll Holder Side	Holder Stopper Side
No Attachment Needed	2-Inch Paper Core Attachment	3-Inch Paper Core Attachment #1	3-Inch Paper Core Attachment #2
			

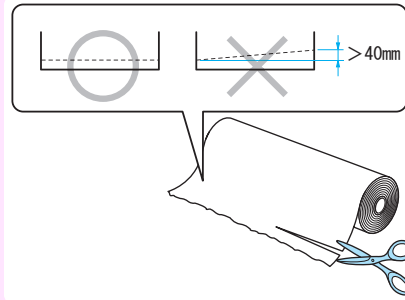


- Set the roll on a table or other flat surface so that it does not roll or fall. Rolls are heavy, and dropping a roll may cause injury.

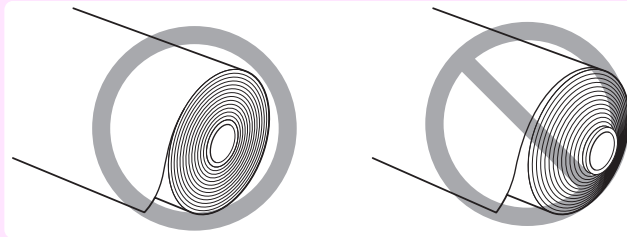




- When handling the roll, be careful not to soil the printing surface. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.
- Cut the edge of the roll paper if it is uneven, dirty, or has tape residue. Otherwise, it may cause feeding problems and affect the printing quality. Be careful not to cut through any barcodes printed on the roll.

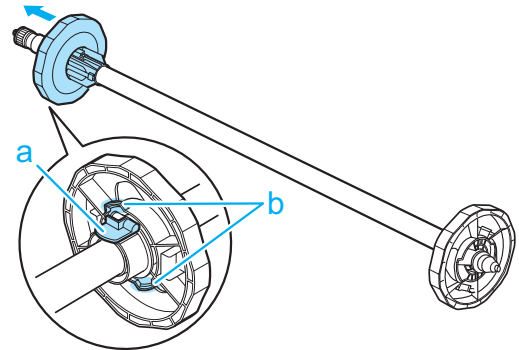


- Align the edges of the paper on both ends of the roll. This may cause feeding problems.

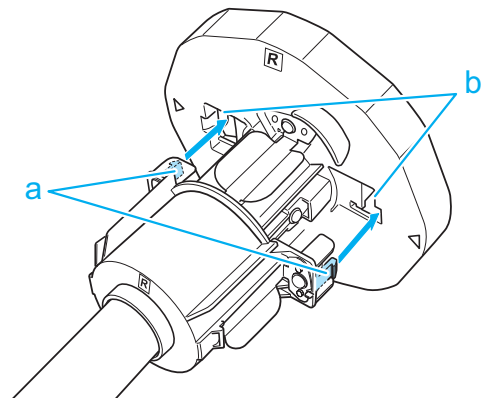


- For details on supported sizes and types of roll paper, see **Paper Sizes** or the **Paper Reference Guide**. (See "Paper Sizes." →P.320) (See "Displaying the Paper Reference Guide." →P.323)
- To view instructions as you attach the Roll Holder, press the **Navigate** button. (See "How to View Instructions With Navigate." →P.428)

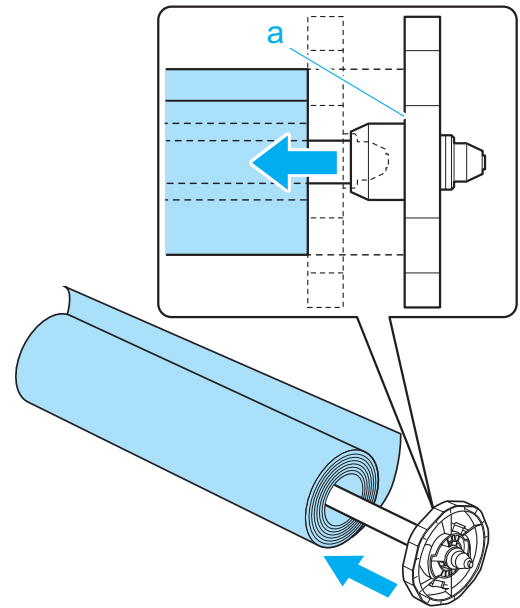
**1** Lift the Holder Stopper lever (a) from the shaft side to unlock it. Holding the Holder Stopper at the position indicated (b), remove it from the Roll Holder.



**2** When using a 3-inch paper core, align the tips (a) of 3-Inch Paper Core Attachment #1 with the holes (b) of the Roll Holder and insert it firmly.



- 3** With the edge of the roll paper facing forward as shown, insert the Roll Holder from the right of the roll. Insert it firmly until the roll touches the flange (a) of the Roll Holder.

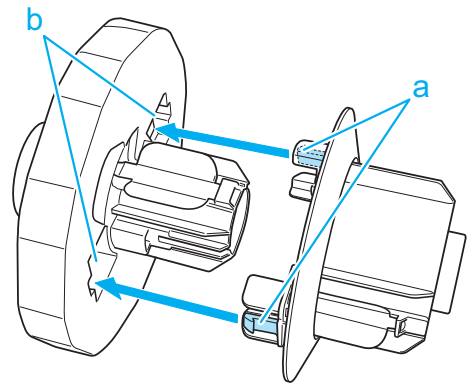


**Important**

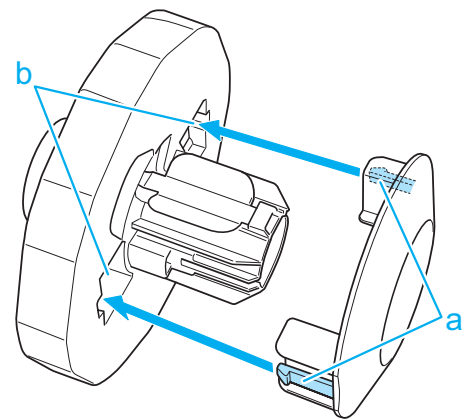
- When loading a roll, be careful to avoid hitting the printer hard with the roll. This may damage the Roll Holder.

- 4** Insert the attachments for the roll paper core on the Holder Stopper. Align the tips (a) of the attachment with the holes (b) of the Holder Stopper and insert it firmly.

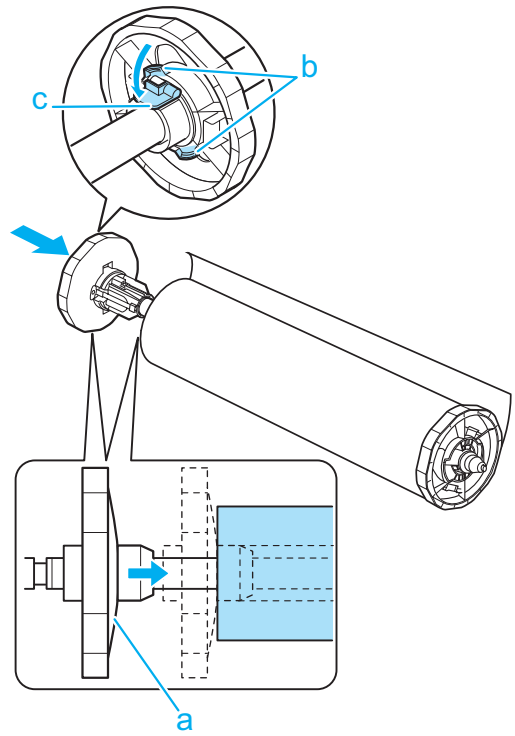
- 3-Inch Paper Core Attachment #2



- 2-Inch Paper Core Attachment



**5** Insert the Holder Stopper from the left in the Roll Holder as shown. Holding it at the position shown (b), push it firmly in until the flange (a) of the Holder Stopper touches the roll. Lock the Holder Stopper lever (c) by pushing it down toward the shaft side.



## Loading Rolls in the Printer

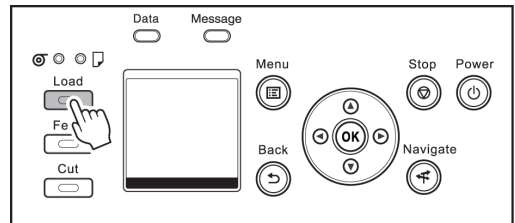
Follow these steps to load rolls in the printer.



**Important**

- Always load rolls when the printer is on. If the printer is off when you load a roll, the paper may not be advanced correctly when you turn the printer on.
- Before loading a roll, confirm whether the inside of the Top Cover or the Ejection Guide is soiled. If soiled, we recommend cleaning in advance. (See "Cleaning Inside the Top Cover.") →P.591

**1** Press the **Load** button.



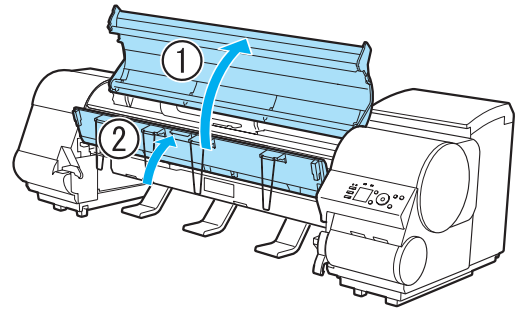
**2** Press **▲** or **▼** to select "**Load Roll Paper**", and then press the **OK** button.



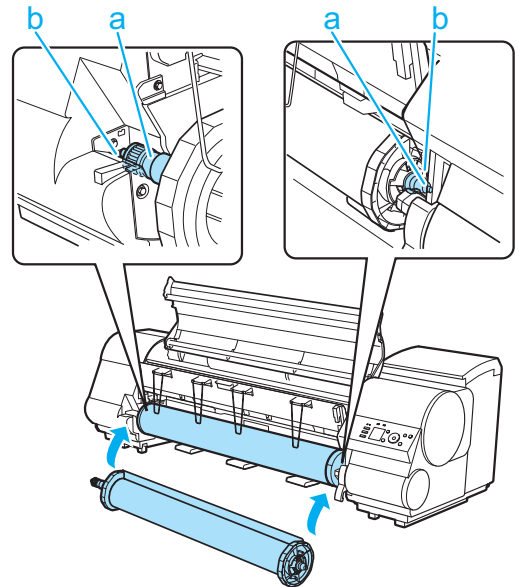
**Note**

- If any roll paper that will not be used or cut sheet has been fed, a message is shown requesting you to remove it. Press **▲** or **▼** to select **Yes**, and then press the **OK** button. Remove the paper and go to the next step.
- If roll paper is loaded but cut sheet is selected as the paper source, a message asking you whether or not to change paper is displayed. Press **▲** or **▼** to select **Load**, and then press the **OK** button. Remove the paper and proceed to the next step.

**3** Open the Top Cover and lift the Ejection Guide.



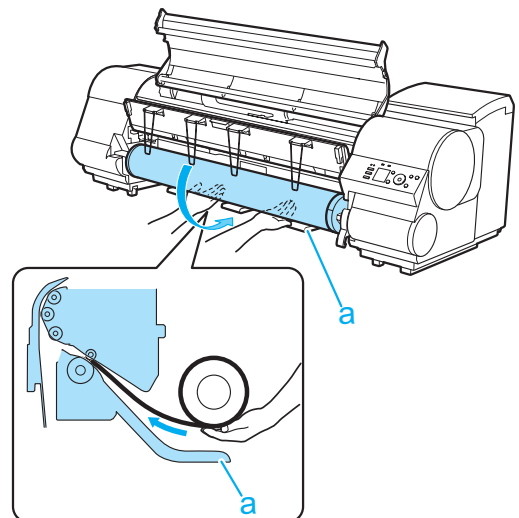
**4** Holding the Roll Holder so that the side with the white gear faces the side of the Roll Holder Slot with a white gear, load the Roll Holder shaft (a) into the grooves (b) on both ends of the Roll Holder Slot.



**Caution** • Be careful not to drop the roll and hurt yourself when loading it.  
• Be careful not to pinch your fingers between the Roll Holder shaft (a) and the guide grooves (b) when loading rolls.

**Note** • For instructions on attaching the Roll Holder to rolls, see "Attaching the Roll Holder to Rolls." → P.330

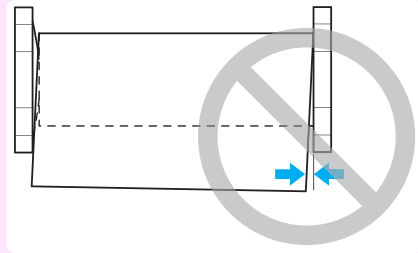
**5** Using both hands, pull out the roll evenly on both ends and insert it in the Paper Feed Slot (a). Advance the roll until the buzzer sounds.



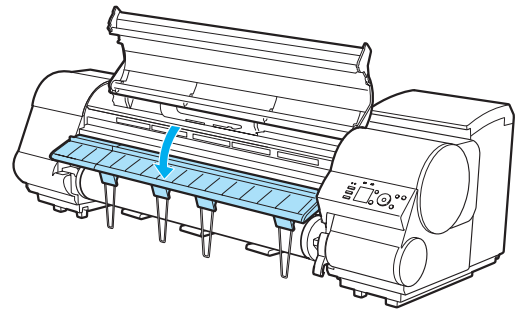
Handling and Use of Paper  
Handling rolls



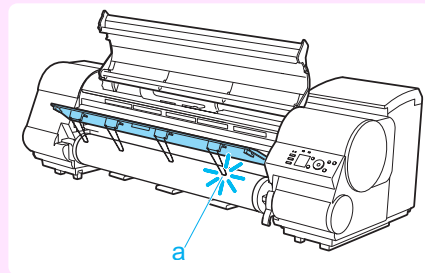
- Be careful not to soil the printing surface of roll paper as you insert it in the slot. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.
- If the paper is wrinkled or warped, straighten it out before loading it.
- Load the roll so that there is no gap between the right edge of the paper and the Roll Holder.



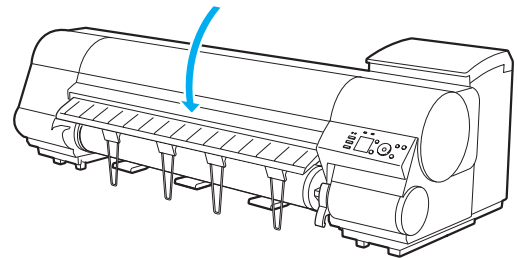
**6** Lower the Ejection Guide.



- When lowering the Ejection Guide, lower it slowly. If the Ejection guide is lowered forcefully, the Ejection Supports (a) may hit the roll and scratch the printing surface.



**7** Close the Top Cover.





**8** Press the **OK** button.  
The paper is now advanced.

**9** Once paper feeding starts, you will need to do the following, based on the **ManageRemainRoll** setting and the barcode printed on rolls. (See "Keeping Track of the Amount of Roll Paper Left.") →P.341

ManageRemainRoll	Barcodes	Printer Operation After the Paper is Fed
Off	Printed	A menu for selection of the type of paper is shown on the Display Screen. Press ▲ or ▼ to select the type of paper, and then press the OK button.
	Not printed	
On	Printed	The type and amount of paper left is automatically detected based on the barcode printed on the roll. There is no need to specify the type and length of the paper.


<b>ManageRemainRoll</b>	Barcodes	Printer Operation After the Paper is Fed
<b>On</b>	Not printed	A menu for selection of the type and length of paper is shown on the Display Screen. Press ▲ or ▼ to select the type and length of paper loaded, and then press the <b>OK</b> button.

 **Important** • Cut the edge of the roll using the **Paper Cutting** function if the edge is creased or soiled. (See "Specifying the Cutting Method for Rolls.") →P.344


 **Note** • For details on types of paper to select, see the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide.") →P.323  
 • Adjusting the printhead alignment with the type of paper to be used in printing may enhance printing quality. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550


## Changing the Type of Paper

Follow these steps to change the type of paper specified on the printer after you have loaded paper. If you will continue using this type of paper later, selecting **Keep Paper Type > On** will save the time and effort of configuring the media type setting when you load the paper again. The current media type settings before you select **On** will be automatically selected at that time. (See "Using the Same Type of Paper Regularly.") →P.337


-  **Important**
- For best printing results, the printer fine-tunes the print head height and the feed amount for each type of paper. Be sure to select the type of paper to use correctly before printing.
  - Because the printer fine-tunes the feed amount for each type of paper, the margins and the size of printed images may vary depending on the type of paper used. If margins and the size of images are not as you expected, adjust the paper feed amount. (See "Adjusting the Feed Amount.") →P.558
  - Rolls and sheets have different printing areas, and sheets having a larger bottom margin than rolls. (See "Print Area.") →P.661

## Changing the Type of Paper

 **Note** • When you load a roll, a menu for selection of the type of paper is shown on the Display Screen. Select the type of paper, and then press the **OK** button. If no barcode has been printed on the roll and you have set **ManageRemainRoll** to **On**, specify the roll length after the type of paper. (See "Specifying the Paper Length.") →P.337

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).



 **Note** • If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button. The **Paper Menu** is displayed.

**3** Press ▲ or ▼ to select **Chg. Paper Type**, and then press the **OK** button.

**4** Press ▲ or ▼ to select the type of paper loaded ( **Roll Paper** or **Cut Sheet** ), and then press the **OK** button.

**5** Press ▲ or ▼ to select the type of paper loaded in the printer, and then press the **OK** button.




• Be sure to select the correct paper type. If this setting does not match the loaded paper, it may cause feed errors and affect printing quality.

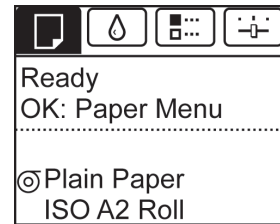


• For details on types of paper, see the **Paper Reference Guide**. (See "Types of Paper.") →P.320 By default, Plain Paper is selected.  
• If you move the Release Lever, the setting automatically reverts to the previously selected paper.

### Using the Same Type of Paper Regularly

Configure this setting so that current media type settings will be automatically selected when you load the same type of paper later.

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button.  
The **Paper Menu** is displayed.

**3** Press ▲ or ▼ to select **Keep Paper Type**, and then press the **OK** button.

**4** Press ▲ or ▼ to select **On**, and then press the **OK** button.




• The specified media type setting is updated in the following situations.  
• When using sheets, if you send a print job before loading a sheet, the media type setting is updated to match the type of paper specified by the print job.  
• When you have selected **ManageRemainRoll > On** on the Control Panel and a barcode is printed on the roll, the media type setting is updated to match the type of paper specified by the barcode.  
• To change the media type setting, see "Changing the Type of Paper." →P.336

### Specifying the Paper Length

When changing the length of paper after the paper has been advanced, specify the length as follows.



• Specify the paper length when you have set **ManageRemainRoll to On**. (See "Keeping Track of the Amount of Roll Paper Left.") →P.341

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.


- 2 Press the **OK** button.  
The **Paper Menu** is displayed.
- 3 Press **▲** or **▼** to select **Chg. Paper Size**, and then press the **OK** button.
- 4 Press **▲** or **▼** to select **Roll Length**, and then press the **OK** button.
- 5 Press **▲** or **▼** to select the length of paper loaded in the printer, and then press the **OK** button.  
Specify the roll length as follows.
  1. Press the **◀** or **▶** button to move to the next field for input.
  2. Press the **▲** or **▼** button to enter the value.
  3. Repeat steps 1 and 2 to finish entering the value, and then press the **OK** button.

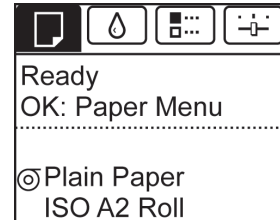
## Removing the Roll from the Printer

Remove rolls from the printer as follows.



- If you need to cut a printed roll, select **Paper Cutting** in the printer menu and cut the roll at the desired position. (See "Specifying the Cutting Method for Rolls.") →P.344

- 1 On the **Tab Selection screen** of the Control Panel, press **◀** or **▶** to select the Paper tab (  ).



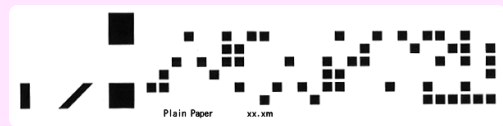
- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Paper Menu** is displayed.
- 3 Press **▲** or **▼** to select **Remove Roll**, and then press the **OK** button.
- 4 Press **▲** or **▼** to select **Yes**, and then press the **OK** button.  
The roll is rewound.

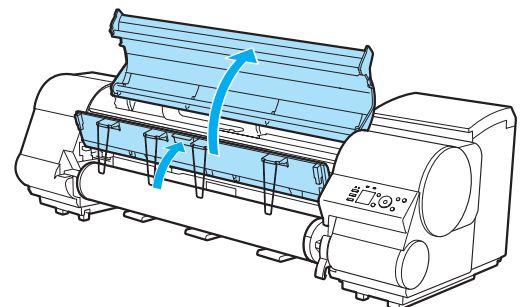


Important

- If you have selected **ManageRemainRoll > On** in the Control Panel menu, a barcode is printed on the leading edge of the roll. Do not remove the roll before the barcode is printed. You will be unable to keep track of the amount of roll paper left. (See "Keeping Track of the Amount of Roll Paper Left.") →P.341

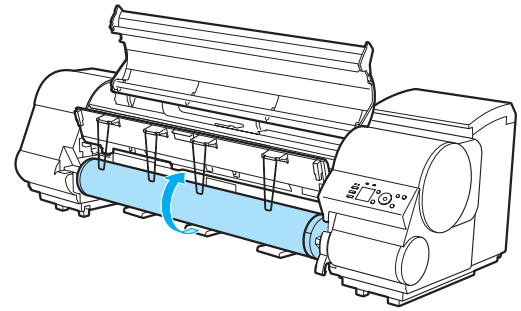


- 5 Open the Top Cover and lift the Ejection Guide.

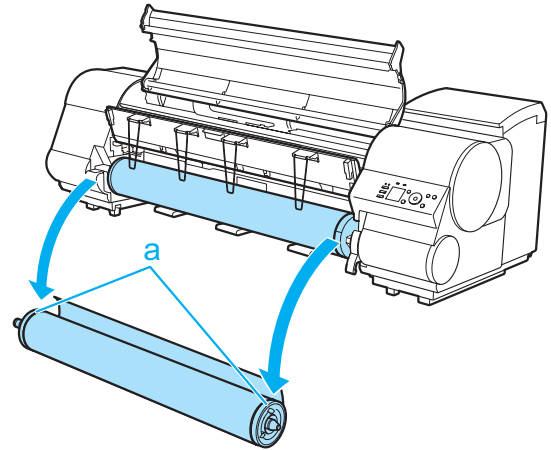




- 6** Using both hands, rotate the Roll Holder in the direction of the arrow to rewind the roll.



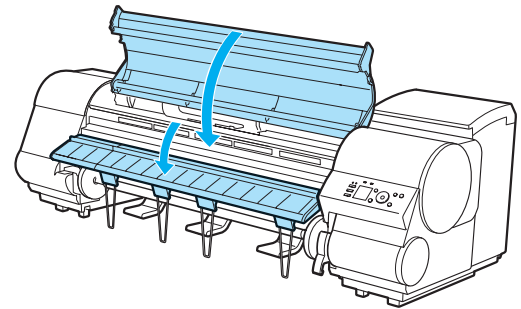
- 7** Holding the Roll Holder flange (a), remove the holder from the Roll Holder Slot.



Note

- For instructions on removing the Roll Holder from rolls, see "Removing the Roll Holder from Rolls." →P.340

- 8** Lower the Ejection Guide and close the Top Cover.

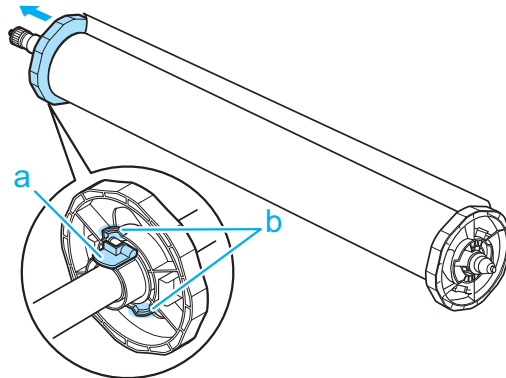


Note

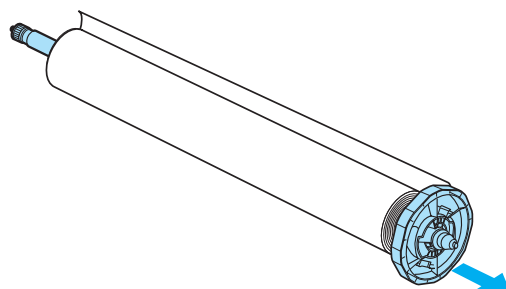
- To load new paper in the printer at this point, see "Loading Rolls in the Printer." →P.333
- Clean inside the top cover before loading paper. (See "Cleaning Inside the Top Cover." →P.591)

## Removing the Roll Holder from Rolls

**1** Lift the Holder Stopper lever (a) from the shaft side to unlock it. Holding the Holder Stopper at the position indicated (b), remove it from the Roll Holder.

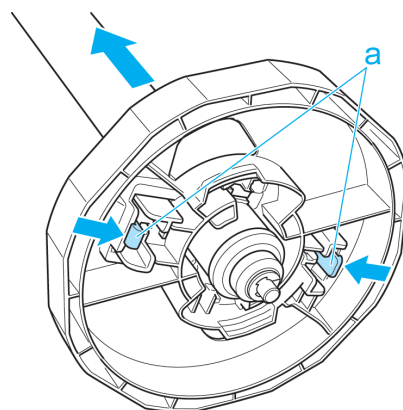


**2** Remove the Roll Holder from the roll.

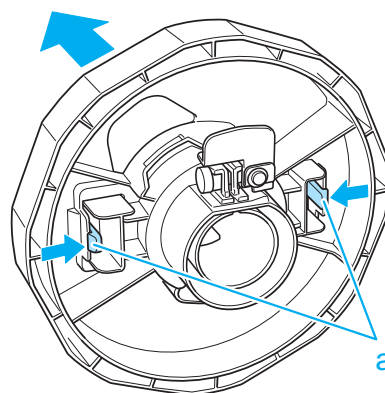


**3** When removing attachments, push the tips (a) in as you remove the attachment.

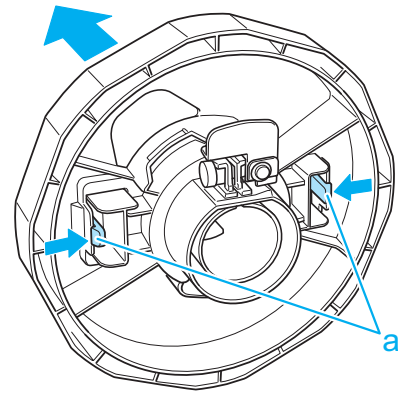
- 3-Inch Paper Core Attachment #1 ( Roll Holder side)



- 3-Inch Paper Core Attachment #2 ( Holder Stopper side)



• 2-Inch Paper Core Attachment



Handling and Use of Paper

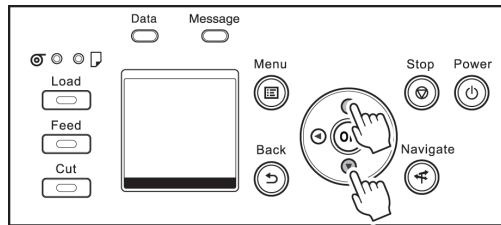
Handling rolls



- Store the roll in the original bag or box, away from high temperature, humidity, and direct sunlight. If paper is not stored properly, the printing surface may become scratched, which may affect the printing quality when you use it again.

### Feeding Roll Paper Manually

After a roll has been advanced, you can press the **Feed** button to feed or retract the roll with the ▲ and ▼ buttons.



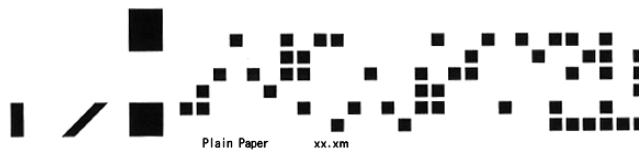
- 1 Press the **Feed** button.
- 2 Press the ▲ or ▼ button to advance or retract the roll.  
Press ▲ to retract the roll manually.  
Press ▼ to advance the roll manually.



- If you hold down ▲ or ▼ for less than a second, the roll will move about 1 mm (0.04 in).  
If you hold down ▲ or ▼ for more than a second, the roll will move until you release the button. Release the button when the Display Screen indicates "End of paper feed. Cannot feed paper more."


### Keeping Track of the Amount of Roll Paper Left

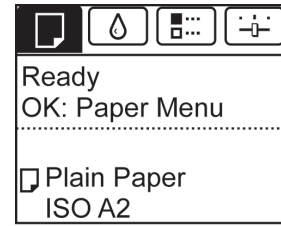
Setting **ManageRemainRoll** to **On** in the **Paper Menu** of the Control Panel will print a barcode with text on the roll when the roll is removed that identifies the type of paper and amount left. When **ManageRemainRoll** is **On** and you load rolls with printed barcodes, the type of paper and amount left are automatically detected after rolls are loaded. The barcode will be cut off after it has been read.




- If the barcode on the roll is not detected, enter the type and length of paper on the Control Panel.

Follow these steps to set **ManageRemainRoll** to **On** as follows.

- 1 On the **Tab Selection** screen of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).




 **Note** • If the **Tab Selection** screen is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Paper Menu** is displayed.
- 3 Press ▲ or ▼ to select **ManageRemainRoll**, and then press the **OK** button.
- 4 Press ▲ or ▼ to select **On**, and then press the **OK** button.

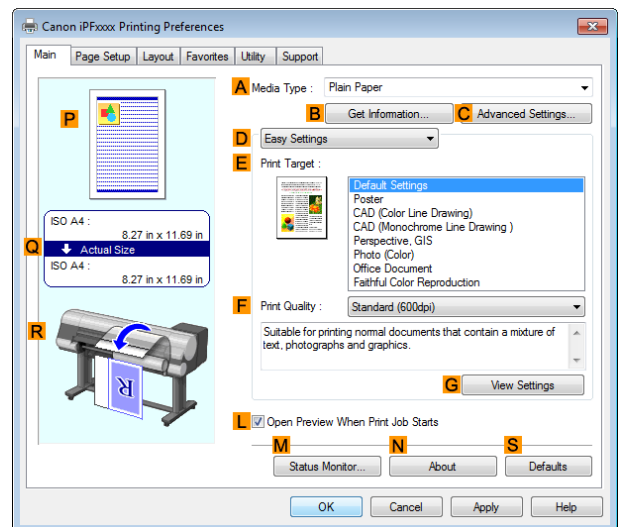
## Specifying the Ink Drying Time for Rolls

When you are using paper that takes longer for ink to adhere, ink may be transferred onto the paper surface during ejection, soiling it. In that case, you may be able to improve the condition by setting the time to wait for the ink to dry after printing.

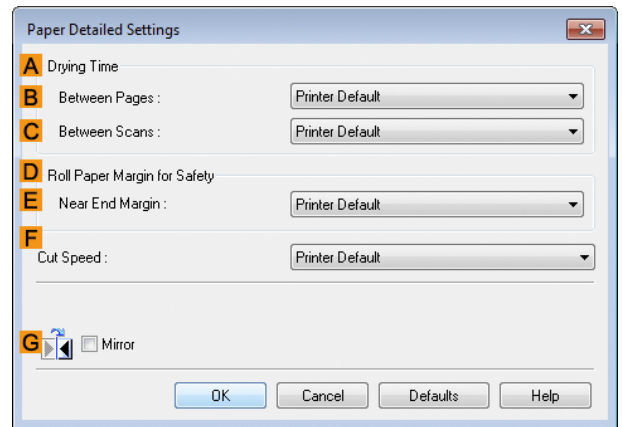
-  **Note**
- If the Cutter touches the print surface on which the ink is not dry, the paper surface may become scratched or soiled, or the paper surface may rub when the paper falls and the surface may become soiled. To wait for the ink to dry without allowing printed documents to fall after printing, set **Cutting Mode** on the menu of the printer to **Eject**. (See "Specifying the Cutting Method for Rolls.") →P.344
  - The settings can also be made from the Control Panel on the printer. Select the type of paper from **Paper Details** in **Paper Menu**. (See "Menu Settings.") →P.442

## Windows

- 1 Display the printer driver dialog box.  
(See "Accessing the Printer Driver Dialog Box from the Operating System Menu (Windows).") →P.153
- 2 Select the **Main** sheet and click **C Advanced Settings** in **A Media Type**.

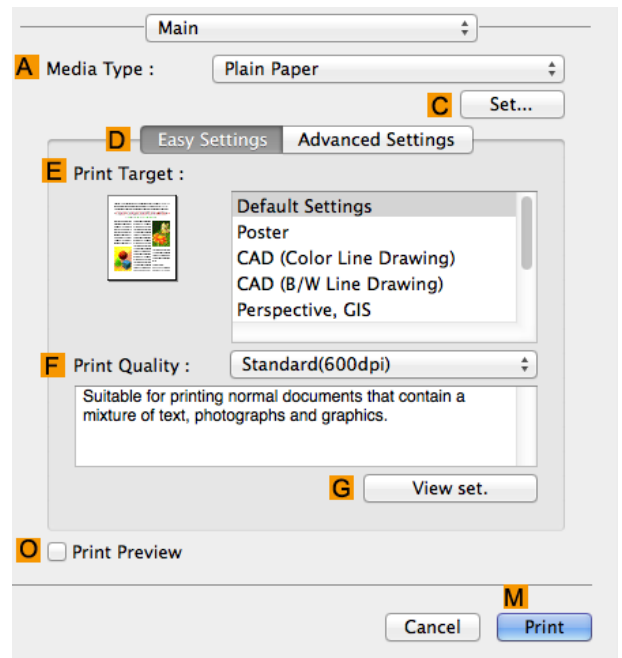


- 3** In the **Paper Detailed Settings** dialog box displayed next, select the desired settings values in **B Between Pages** and **C Between Scans** in **A Drying Time**, and then click **OK**.  
(See "Paper Detailed Settings Dialog Box (Windows).") →P.158

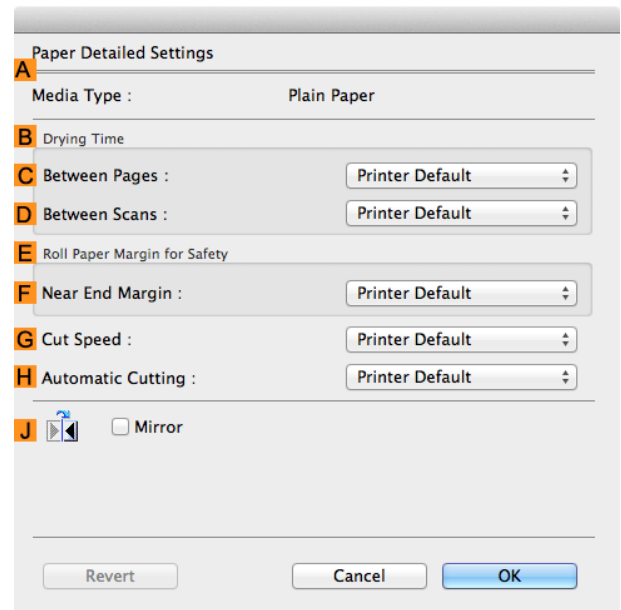


## Mac OS

- 1** Choose **Print** in the application menu.
- 2** Select the **Main** pane and click **C Settings** in **A Media Type**.



**3** In the **Paper Detailed Settings** dialog box displayed next, select the desired settings values in **C Between Pages** and **D Between Scans** in **B Drying Time**, and then click **OK**.  
 (See "Paper Detailed Settings Dialog Box (Mac OS).") → P.264



## Specifying the Cutting Method for Rolls

How rolls are cut after ejection varies depending on printer settings.

Cutting Method		Printer Setting		Driver Setting	
Automatic	The roll is automatically cut by the Cutter Unit following printer driver settings.	<b>Media Menu &gt; Paper Details &gt; (Various Types of Paper) &gt; Cutting Mode</b>	<b>Automatic</b>	<b>Automatic Cutting</b> (See "Cutting Roll Paper After Printing.") → P.140	<b>Yes</b>
Eject (when the paper surface is being scratched / to wait for ink to dry)	Select this to move the cutter by key operation and cut paper. Although there are cases with <b>Automatic</b> in which the paper falls and the paper surface is scratched when the paper rubs the Output Stacker, you can avoid damaging the paper with this method since you can cut by holding the paper with your hand so that the paper does not fall when cutting, Also, since you can cut while visually confirming the drying of the ink, you can avoid ejecting paper before the ink has dried. To cut the roll with the Cutter Unit, press the <b>Cut</b> button.		<b>Eject</b>		<b>Yes</b>
Manual (when using media that cannot be cut with the Cutter Unit)	Select this for paper that cannot be cut with the Cutter Unit and for paper of which the leading edge curls strongly and rubs the printhead. Cut each page from the roll using scissors. For continuous printing (if you will cut each page later), select <b>Automatic Cutting &gt; Yes</b> or select <b>Print Cut Guideline</b> .		<b>Manual</b>	<b>No, Yes, Print Cut Guideline</b>	
Paper cutting (to have the roll cut at your specified position)	Choose this option if you want to cut pages by pressing Cutter Unit buttons for manual cutting after printing when <b>Automatic Cutting &gt; No</b> is selected or <b>Print Cut Guideline</b> is selected in the printer driver. Otherwise choose this option if you want to cut the roll edge after loading a roll.	<b>Cut button pressed</b>	<b>Yes</b>	<b>No, Print Cut Guideline</b>	

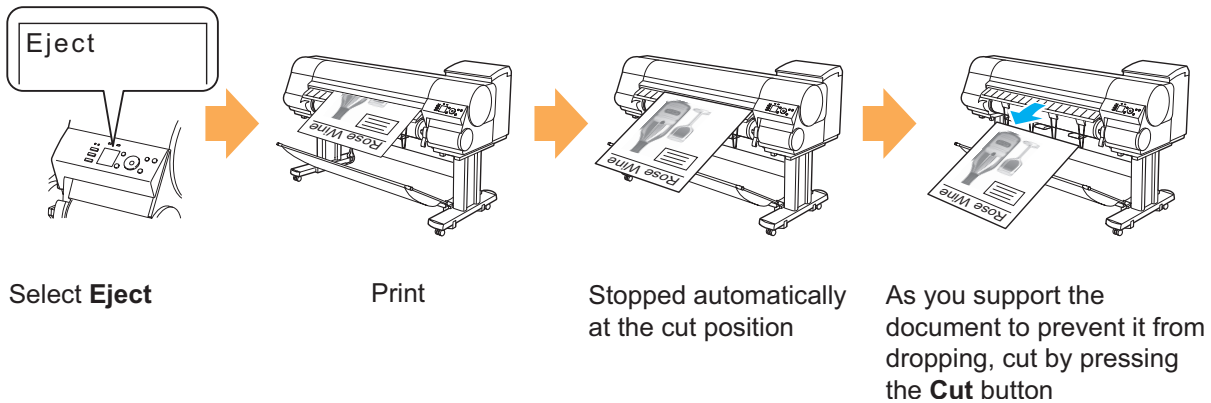


Note

- Automatic and Eject are valid only when you have selected **Automatic Cutting > Yes** in the printer driver.
- With Eject, printing does not resume after a series of jobs have been printed continuously until the roll is cut.
- **Eject** is the preset selection in **Cutting Mode** for some types of paper. For this paper, we recommend keeping the preset cutting mode.
- If documents printed using Automatic, Eject, or manual cutting are short, rolls are advanced a specific amount before cutting to prevent problems with cutting and paper ejection. This may create a wider bottom margin, in some cases.

Cut rolls manually in the following cases:

Eject (when the paper surface is being scratched / to wait for ink to dry)



Important

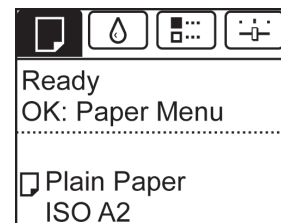
- When cutting wide printed documents after ejection, have two people support the documents. If the paper drops, printed documents may be damaged.
- Do not lift the paper when holding printed documents before cutting. If the paper rises, it may affect the printing quality or cause rough cut edges.



Note

- Once the following step has been performed, the procedure can be started from step 7 the next time.
  - Printing the second and subsequent times
  - Printing after replacing with the same type of paper

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab ( ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button. The **Paper Menu** is displayed.

**3** Press ▲ or ▼ to select **Paper Details**, and then press the **OK** button.

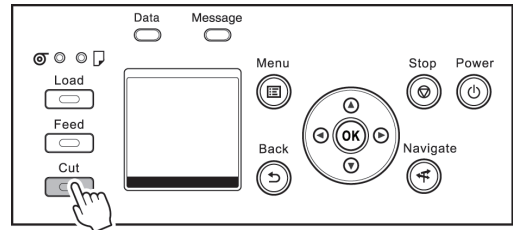
**4** Press ▲ or ▼ to select the type of paper, and then press the **OK** button.

**5** Press ▲ or ▼ to select **Cutting Mode**, and then press the **OK** button.

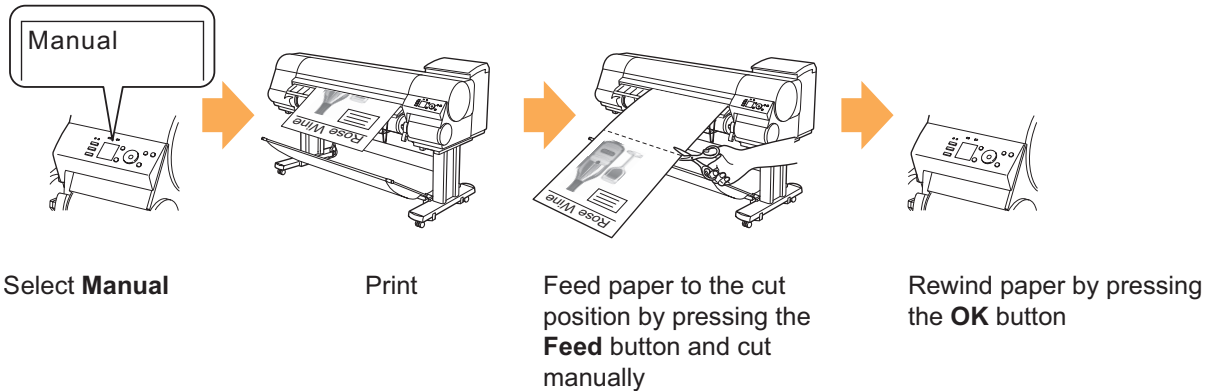
**6** Press ▲ or ▼ to select **Eject**, and then press the **OK** button.

**7** Print the job.  
When printing is finished, the printer will stop without cutting.

**8** Holding the printed document to prevent it from dropping, press the **Cut** button to cut the roll.

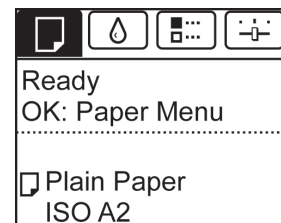


**Manual (when using media that cannot be cut with the Cutter Unit )**



- Once the following step has been performed, the procedure can be started from step 8 the next time.
- Printing the second and subsequent times
- Printing after replacing with the same type of paper

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab ( ).



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button. The **Paper Menu** is displayed.

**3** Press ▲ or ▼ to select **Paper Details**, and then press the **OK** button.

**4** Press ▲ or ▼ to select the type of paper, and then press the **OK** button.

**5** Press ▲ or ▼ to select **Cutting Mode**, and then press the **OK** button.

**6** Press ▲ or ▼ to select **Manual**, and then press the **OK** button.

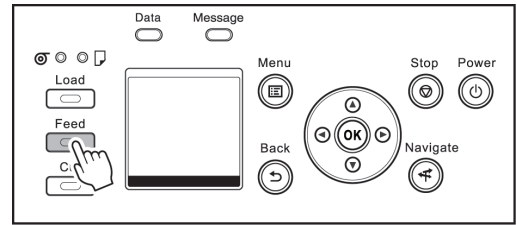
**7** When "**Perform the detection of paper leading edge?**" is displayed, select **Perform(recommend)**.

**8** Print the job.  
The printer stops advancing the paper after printing.

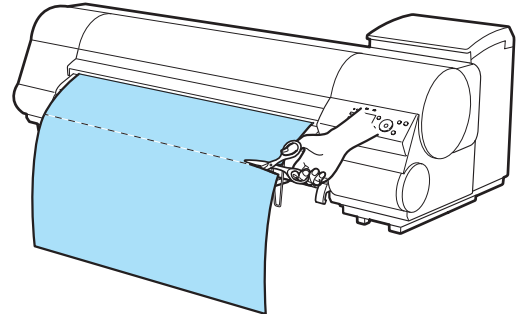


**9** Press the **Feed** button.

Roll paper is fed to the specified cut position and then automatically stopped.

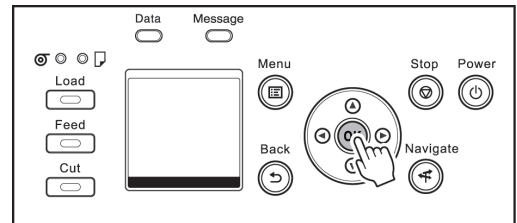


**10** Cut the roll paper manually with scissors or the like.

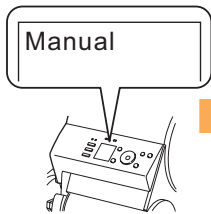


**11** Press the **OK** button.

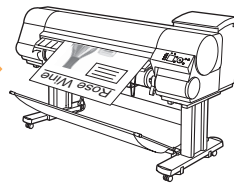
After the roll is rewound, it stops automatically.



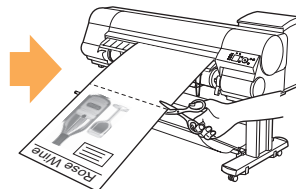
Manual (for paper of which the leading edge rubs the printhead)



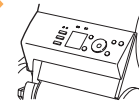
Select **Manual**



Print



Feed paper to the cut position by pressing the **Feed** button and cut manually




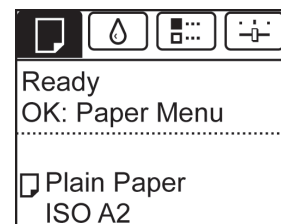
Rewind paper by pressing the **OK** button



Note

- Once the following step has been performed, the procedure can be started from step 10 the next time.
- Printing the second and subsequent times
- Printing after replacing with the same type of paper


**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).



Note

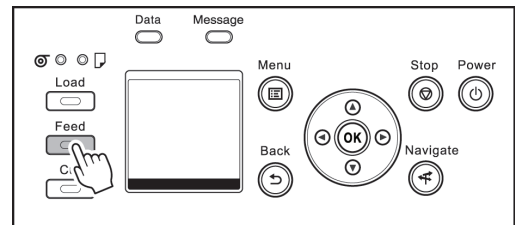
- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button. The **Paper Menu** is displayed.
- 3 Press **▲** or **▼** to select **Paper Details**, and then press the **OK** button.
- 4 Press **▲** or **▼** to select the type of paper, and then press the **OK** button.
- 5 Press **▲** or **▼** to select **Cutting Mode**, and then press the **OK** button.
- 6 Press **▲** or **▼** to select **Manual**, and then press the **OK** button.
- 7 When "**Perform the detection of paper leading edge?**" is displayed, select **Do not perform**.

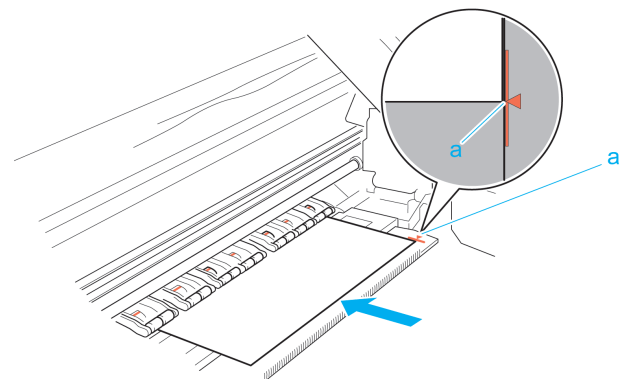
 **Note**

- If you set the detection of paper leading edge to **Do not perform**, a margin of about 10 cm is created at the paper leading edge when printing starts.
- When the detection of paper leading edge is set to **Do not perform**, printing will start at the position at which the roll was set for the first printing after replacing a roll. Thus, the margin of the paper leading edge will enlarge.  
(See "Loading Rolls in the Printer.") →P.333


- 8 Press the **Feed** button.



- 9 Press **▲** or **▼** to align the paper leading edge with the (a) position.



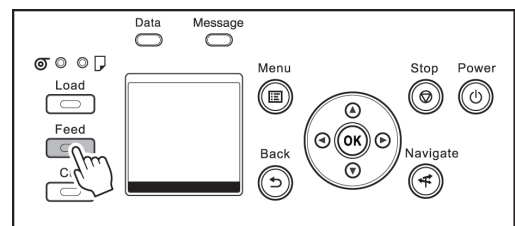
- 10 Print the job.  
The printer stops advancing the paper after printing.

 **Note**

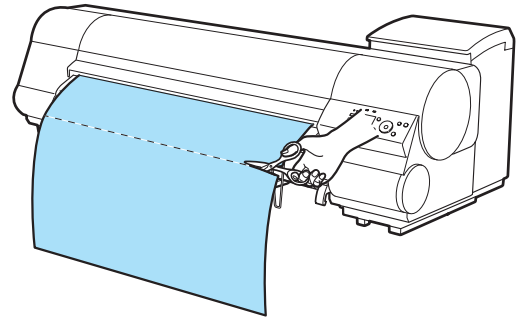
- The printer can continue to receive print jobs from computers. If a print job is received and printed here, it can be printed without the margin of about 10 cm being created at the paper leading edge.

- 11 Press the **Feed** button.

Roll paper is fed to the specified cut position and then automatically stopped.



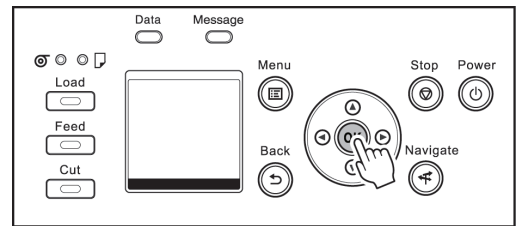
**12** Cut the roll paper manually with scissors or the like.



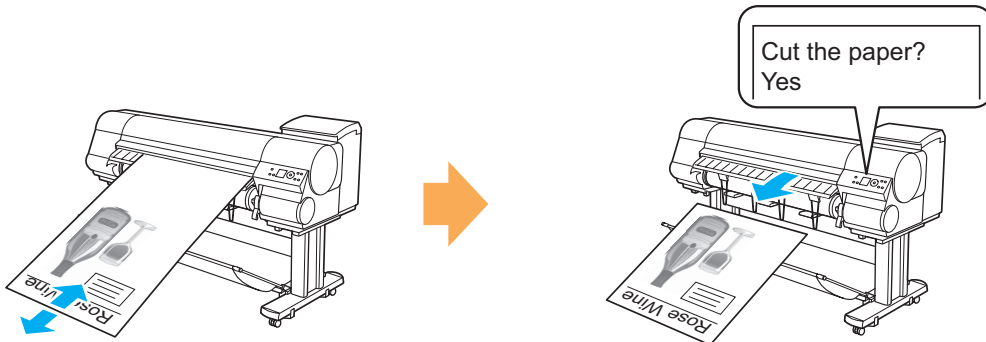
- Cut at the dotted line printed on the paper. If you cut on the printer side of the dotted line, the paper leading edge may rub against the printhead and may deviate from the paper retainer.

**13** Press the **OK** button.

After the roll is rewound, it stops automatically.



Paper cutting (to have the roll cut at your specified position)

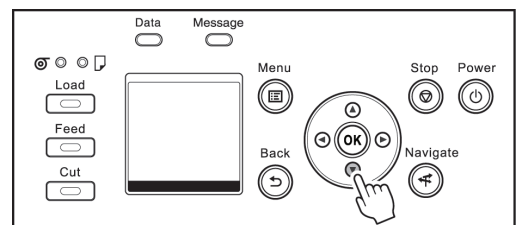


Feed paper the cutting position by pressing ▲ or ▼

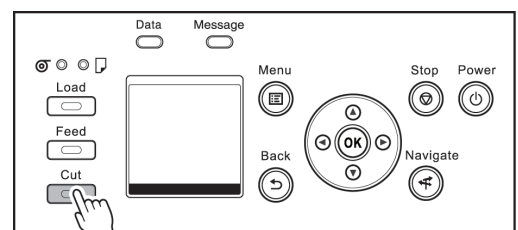
Paper Cutting

**1** Press the **Feed** button.

**2** Press the ▼ button to advance the roll to the position for cutting.



**3** Press the **Cut** button.



- 4 Press ▲ or ▼ to select **Yes**, and then press the **OK** button. After the roll paper is cut, it is rewound automatically.

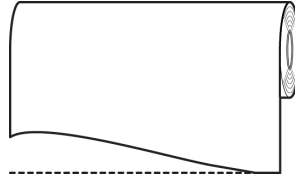
### Cutting the Leading Edge of Roll Paper Automatically

If the leading edge of the paper is cut crooked or is not cut straight when roll paper is loaded, it will not print correctly. If this happens, you can cut the leading edge of the paper straight when loading a paper roll by using **Trim Edge First** in the Control Panel menu.

**Trim Edge First** offers the following options.

- **Automatic**

If the leading edge of the paper is cut crooked and is not cut straight when loading roll paper, cut the leading edge straight and eject the fragment of paper to prevent printing on the platen and soiling the printer.



- **On (Preset Len)**

The amount to cut from the leading edge of the paper varies depending on the media type, and is cut to a prescribed length. For more information on the prescribed length, see the leading edge pre-cut length in the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide.") → P.323

- **On(Input Length)**

The amount to cut from the leading edge of paper is specified in the control panel. The amount to cut from the leading edge can be specified in the range of lengths displayed in the control panel. The range of lengths differs between each media type.



- The amount to cut from the leading edge of paper cannot be set shorter than the length displayed in the control panel.

- **Manual**

The amount to cut from the leading edge of the paper can be adjusted by pressing the ▲ and ▼ buttons. After making the adjustment, you can cut the paper by pressing the **Paper Cutting** button and selecting "**Cut paper**".

After the paper has been cut, press "**Finish paper set**".




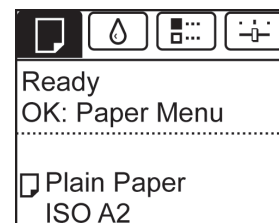
- If you do not press "**Finish paper set**" after cutting the paper, you will not be able to print again.

- **Off**

The edge is not cut and scraps are not removed.

Follow these steps to change the **Trim Edge First** setting.

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).

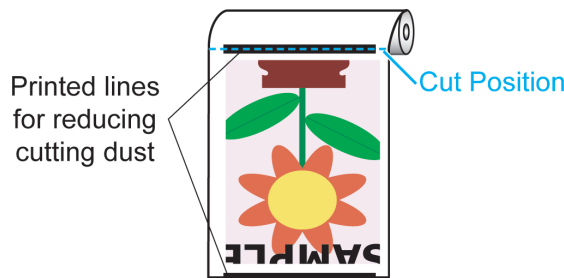


- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2** Press the **OK** button.  
The **Paper Menu** is displayed.
- 3** Press **▲** or **▼** to select **Paper Details**, and then press the **OK** button.
- 4** Press **▲** or **▼** to select the type of paper, and then press the **OK** button.
- 5** Press **▲** or **▼** to select **Trim Edge First**, and then press the **OK** button.
- 6** Press **▲** or **▼** to select the desired setting option, and then press the **OK** button.  
This setting takes effect the next time you load a roll.

### Reducing Dust from Cutting Rolls


For media such as Backlit Film that are more likely to generate debris when cut, select **CutDustReduce. > On** in the **Paper Menu** of the Control Panel. This option reduces debris from cutting by printing black lines at the leading and trailing edges of documents. It may help prevent Printhead damage. You can specify for **CutDustReduce.** to be activated for particular types of paper.

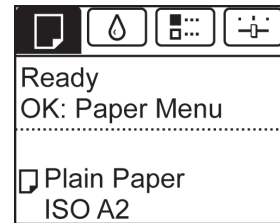


**Important**

- Do not set **CutDustReduce.** to **On** for paper that wrinkles easily, such as Plain Paper or lightweight paper. This may impair cutting and cause paper jams.
- Borderless printing is not available when **CutDustReduce.** is set to **On**. To use borderless printing, select **CutDustReduce. > Off**.

Set **CutDustReduce.** to **On** as follows.

- 1** On the **Tab Selection screen** of the Control Panel, press **◀** or **▶** to select the Paper tab (  ).



**Note**

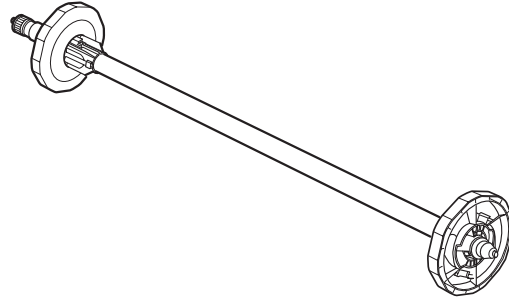
- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2** Press the **OK** button.  
The **Paper Menu** is displayed.
- 3** Press **▲** or **▼** to select **Paper Details**, and then press the **OK** button.
- 4** Press **▲** or **▼** to select the type of paper loaded in the printer, and then press the **OK** button.
- 5** Press **▲** or **▼** to select **CutDustReduce.**, and then press the **OK** button.
- 6** Press **▲** or **▼** to select **On**, and then press the **OK** button.

## Roll Holder Set

Load a roll on the roll holder and then load the holder in the printer. The Roll Holder in the Roll Holder Set RH2-44 is for use with both 2-inch and 3-inch paper cores. Use the correct attachment for the particular paper core. (See "Attaching the Roll Holder to Rolls.") →P.330

- Roll Holder Set RH2-44
  - Roll Holder (for 2- and 3-inch paper cores)



- Attachments

Using the 2-Inch Paper Core Attachment	Using the 3-Inch Paper Core Attachment	
2-Inch Paper Core Attachment	3-Inch Paper Core Attachment #1	3-Inch Paper Core Attachment #2

# Handling sheets

- Loading Sheets in the Printer ..... 353
- Changing the Type of Paper ..... 336
- Printing From a Desired Starting Point ..... 355
- Removing Sheets ..... 357
- ➔ Clearing a Jammed Sheet ..... 610

## Loading Sheets in the Printer

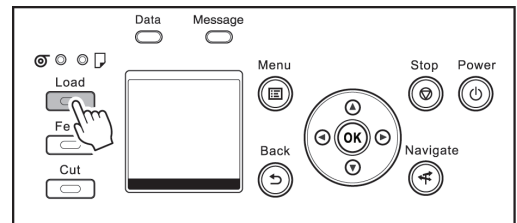
Follow these steps to load sheets in the printer.

**Important** • Paper that is wrinkled or warped may jam. If necessary, straighten the paper and reload it.  
 • Load the paper straight. Loading paper askew will cause an error. (See "Paper loaded askew..") ➔P.645

**Note** • Before loading sheets, make sure the printer is clean inside the Top Cover and around the Ejection Guide. If these areas are dirty, we recommend cleaning them in advance. (See "Cleaning Inside the Top Cover.") ➔P.591  
 • Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.

- 1** Select sheets as the paper source.
  - If a print job was received  
 Sheets are automatically selected, and the media type and size specified by the print job are shown on the Display Screen.  
 Press ▲ or ▼ to select **Load Paper**, and then press the **OK** button.
  - If no print job was received

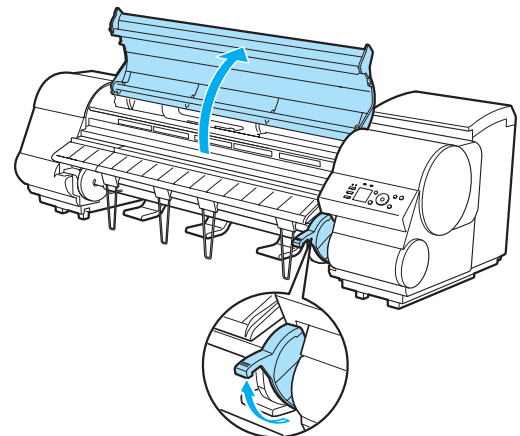
**1.** Press the **Load** button.



**2.** Press ▲ or ▼ to select **Cut Sheet**, and then press the **OK** button.

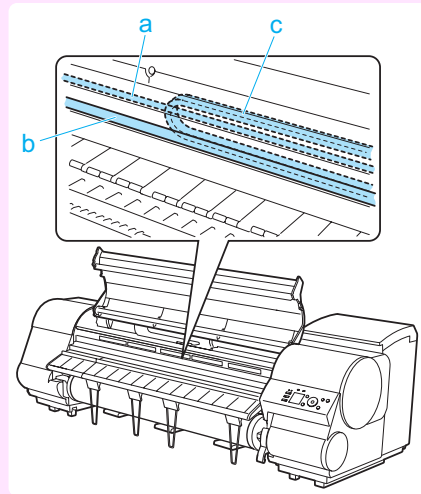
**Note** • If any paper has been advanced that will not be used, a message is shown requesting you to remove it. Press ▲ or ▼ to select **Yes**, and then press the **OK** button. Remove the paper and go to the next step.

**2** Lift the Release Lever and open the Top Cover.





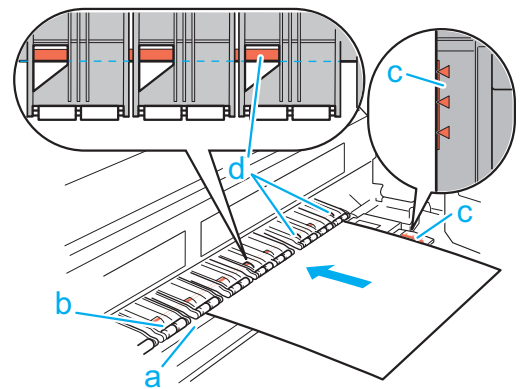
- Do not touch the Linear Scale (a), Carriage Shaft (b), or Ink Tube Stabilizer (c). Touching these parts may damage them.



3

With a sheet lengthwise and printing-side up, insert it between the Platen (a) and the Paper Retainer (b). Align the edges of the sheet as follows.

1. Align the sheet with the Paper Alignment Line (c) at right.
2. Align the inserted edge of the sheet with the leading edge of the Paper Alignment Line (d), as shown.



When inserted, sheets are automatically held by suction against the Platen.



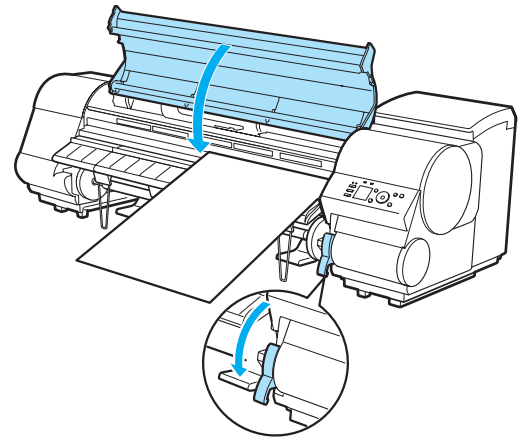
- Load a sheet so that it is parallel to the Paper Alignment Line at right (c). Loading paper askew will cause an error.
- Warped paper may rub against the Printhead. Straighten paper if it is warped before loading it.



- You can adjust the strength of suction holding paper against the Platen when the Release Lever is up. If it is difficult to load paper, press the ▲ or ▼ button on the Control Panel to adjust the strength. Set suction stronger by pressing the ▲ button or weaker with the ▼ button. Three settings are available. However, even if you increase the suction, it may not be sufficient to hold some types of paper against the Platen well. In this case, use your hand to load the paper.
- Sheets are held in place by suction through holes on the Platen. Although the suction may produce a noise when paper is loaded in some positions, it does not indicate a problem. If the noise is distracting, try moving the paper over slightly to the left or right (up to 1 mm [0.039 in]) while keeping it parallel to the Paper Alignment Line.
- The suction remains on for about 30 seconds during loading. If you cannot finish loading a sheet during this time, pull the sheet away and reinsert it to start the suction again.



**4** Lower the Release Lever and close the Top Cover.



- If a print job was received  
Pressing the **OK** button will advance the paper, and then printing will begin.
- If no print job was received  
A menu for selection of the type of paper is shown on the Display Screen.  
Press **▲** or **▼** to select the type of paper, and then press the **OK** button.  
The printer now starts feeding the paper.




• Refer to **Paper Reference Guide** for details on type of paper to select. (See "Displaying the Paper Reference Guide.") →P.323

### Printing From a Desired Starting Point

Print on sheets from a desired starting point as follows.

#### Set **Width Detection** to **Off**

**1** On the **Tab Selection screen** of the Control Panel, press **◀** or **▶** to select the Paper tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2** Press the **OK** button.  
The **Paper Menu** is displayed.
- 3** Press **▲** or **▼** to select **Paper Details**, and then press the **OK** button.
- 4** Press **▲** or **▼** to select the type of paper, and then press the **OK** button.
- 5** Press **▲** or **▼** to select **Width Detection**, and then press the **OK** button.
- 6** Press **▲** or **▼** to select **Off**, and then press the **OK** button.

**Load paper in the desired position to start printing from**

Follow these instructions to load paper at the desired starting position for printing when **Width Detection** is **Off**.

- 1** If you did not send a print job in advance, a menu for selection of the type of paper is displayed. Press **▲** or **▼** to select the type of paper, and then press the **OK** button.

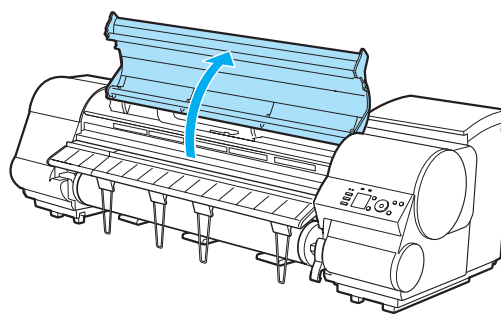


• If a print job was received before paper was advanced, the media type and size specified by the job are shown on the Display Screen. Go to step 2.

- 2** "**Width Detection OFF. OK to continue?**" is now shown on the Display Screen. Press **▲** or **▼** to select "**Leave OFF**", and then press the **OK** button.

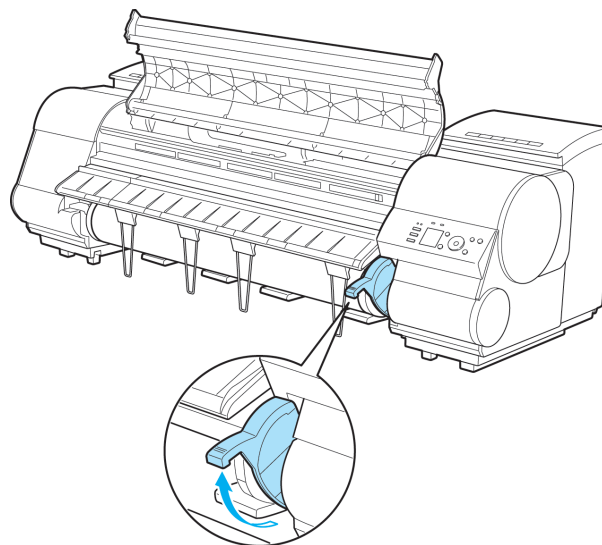
- 3** After a menu for selection of the paper size is displayed, press **▲** or **▼** to select the paper size, and then press the **OK** button.

- 4** Open the Top Cover and check the position where paper is loaded.

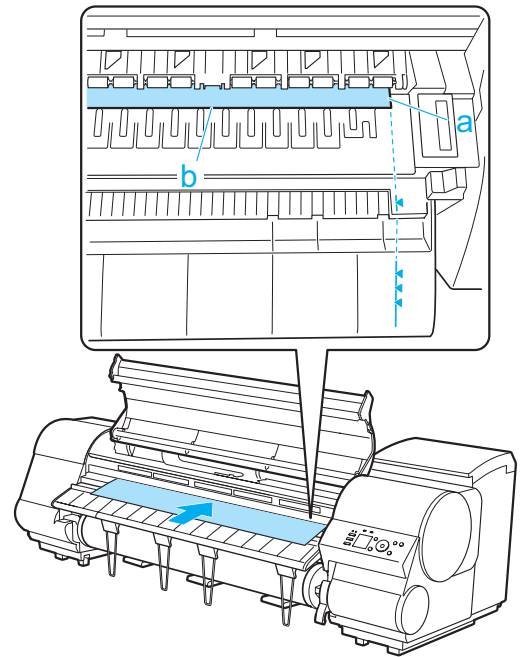


To start printing from the current position, close the Top Cover.

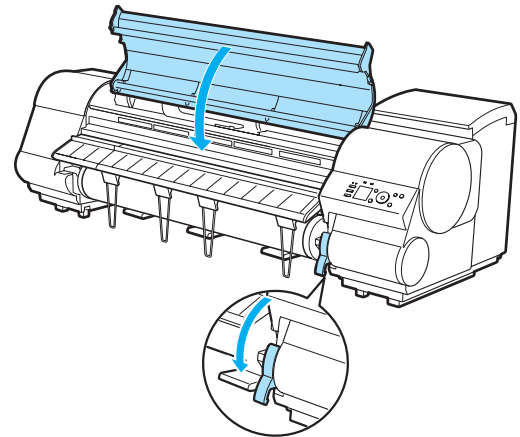
To reposition the paper, lift the Release Lever.



**5** Keeping the right edge of the paper aligned with the extended line of the paper alignment line (a) on the right side of the printer and the position from which to start printing aligned with the groove (b) at the far end of the platen, load the paper.




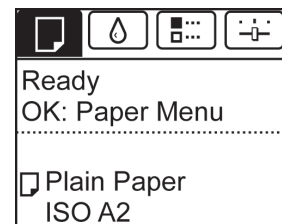
**6** Lower the Release Lever and close the Top Cover.



## Removing Sheets

Remove sheets from the printer as follows.

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

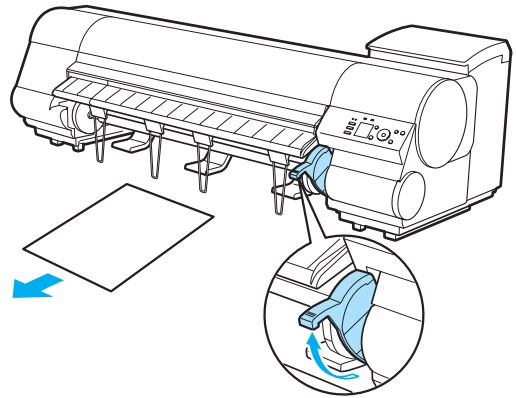
**2** Press the **OK** button.  
The **Paper Menu** is displayed.

**3** Press ▲ or ▼ to select **Eject Paper**, and then press the **OK** button.

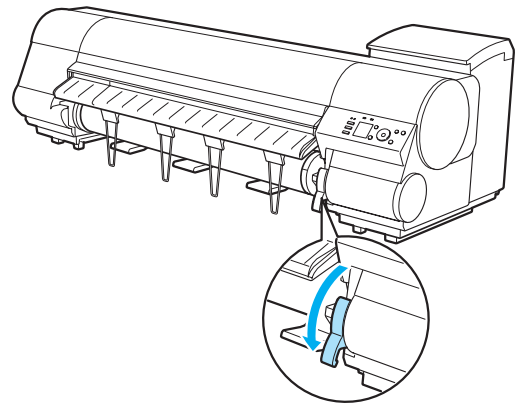
**4** Press ▲ or ▼ to select **Cut Sheet**, and then press the **OK** button.

**5** Press ▲ or ▼ to select **Yes**, and then press the **OK** button.  
The paper is ejected from the front of the printer.

**6** As you hold the sheet, lift the Release Lever and remove the sheet.



**7** Lower the Release Lever.

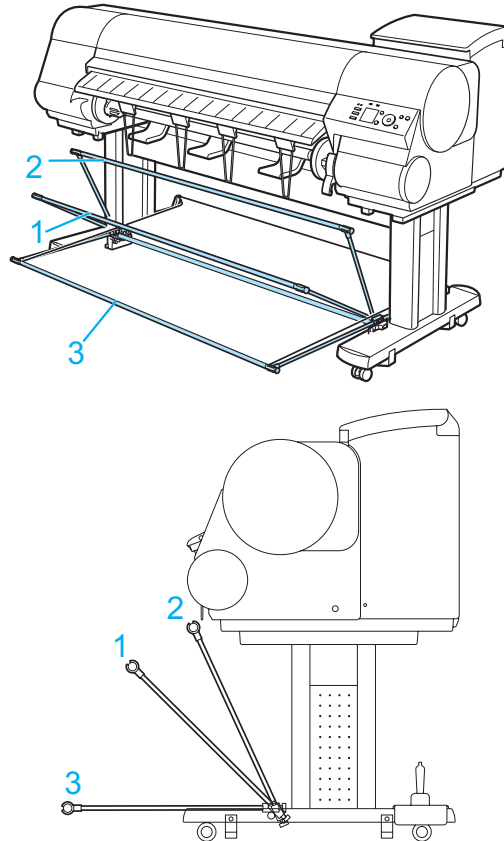


# Output Stacker

Stationary Output Stacker .....	467
Using the Stationary Output Stacker .....	359
Stowing the Stationary Output Stacker .....	360
Wheeled Output Stacker .....	362
Using the Wheeled Output Stacker .....	362

## Using the Stationary Output Stacker

The Stationary Output Stacker can be used in three positions, as shown.

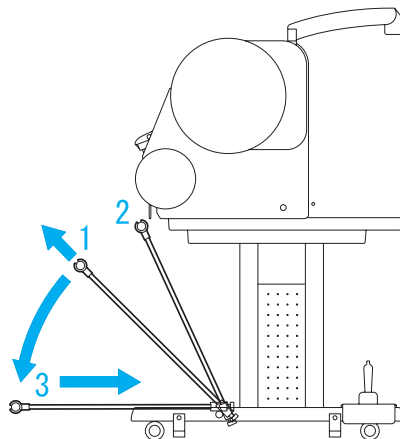
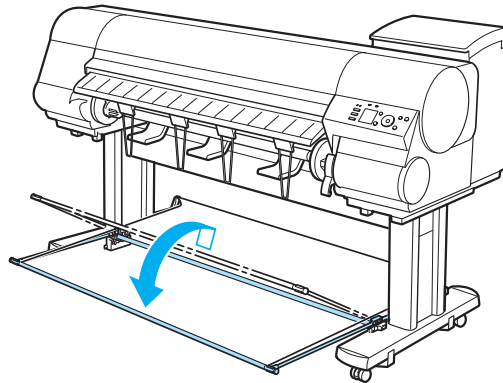


- When storing printed documents on the Output Stacker  
Use position (1).
- When the Output Stacker is not used  
Move the stacker into position (2).
- When the Media Take-up Unit is used, or when the Output Stacker is stored for long periods  
Lower it to position (3) for storage. (See "Stowing the Stationary Output Stacker.") →P.360  
When using the Output Stacker again after storage, reattach the Basket Rod on the front of the Output Stacker to the tips of the left and right basket arms and pull the side rods out completely.
- When printing on large, stiff sheets  
Use position (3).



- When storing printed documents on the Output Stacker, always use it in position (1). If you do not, printed documents may not be dropped into the Output Stacker, and the printed surface may become soiled.
- The Output Stacker can accommodate one sheet. When printing multiple pages, remove each sheet after it is printed.
- Before using the Output Stacker, remove the Rewind Spool. If you do not, it may prevent printed documents from being held correctly, and they may be scratched.
- The Output Stacker can hold printed documents from rolls that are 62 inches (1,575 mm) long. When printing longer documents, use the optional Media Take-up Unit.

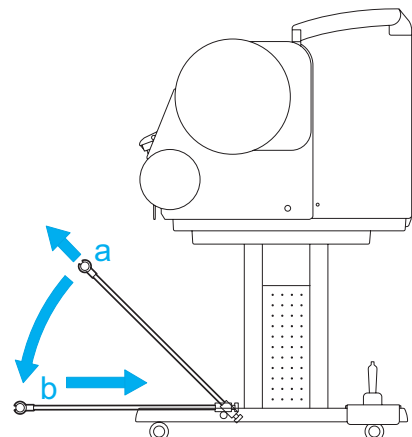
The Output Stacker locks into position if you lift it to position (1) or (2). To lower the Output Stacker, lift the front Basket Rod lightly to release the lock, and then lower the stacker.



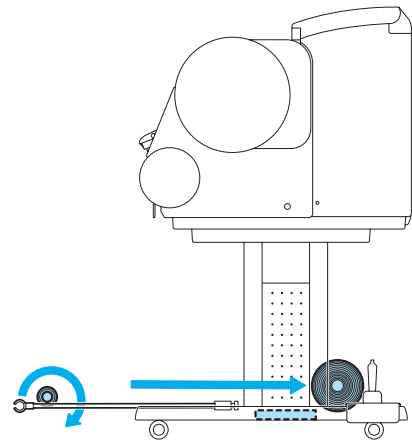
### Stowing the Stationary Output Stacker

Stow the Stationary Output Stacker if you will use the Media Take-up Unit or if you will not use the Stationary Output Stacker for an extended period.

- 1 When the Output Stacker is in the position used when storing printed documents (a), lift the front Basket Rod gently to release the lock, lower the stacker toward the front (b), and push it all the way back.

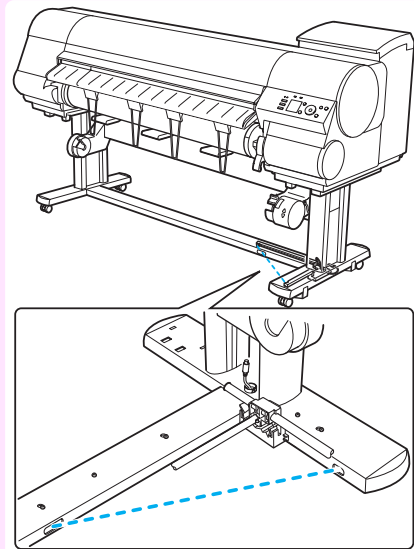


- 2** Remove the front Basket Rod from the left and right Basket Arms. Roll up the Basket Cloth and put it at the back of the Bottom Stand Stay.

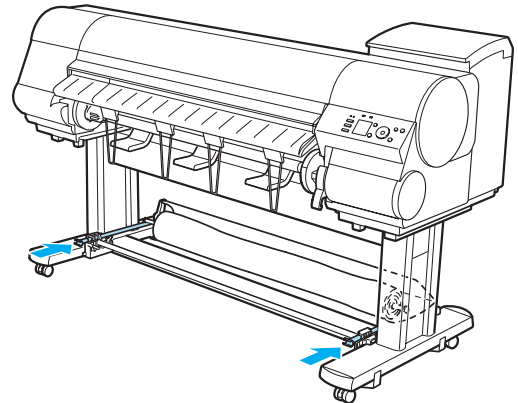


Important

- When using the optional Media Take-up Unit, position the Basket Cloth and Basket Rod so they do not interfere with the Media Take-up Sensor (indicated by the dashed line).

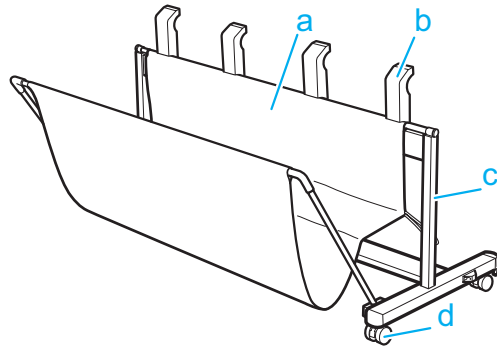


- 3** Push in the left and right Basket Arm toward the back all the way, until they stop.



## Wheeled Output Stacker

An output stacker with casters, positioned in front of the printer.



### a Output Stacker

A cloth tray that catches ejected documents. The Output Stacker can be opened and closed using the rod in front.

### b Output Stacker Ejection Guides

Prevent printed documents from winding around the Roll Holder or being drawn into the Paper Feed Slot. Hold the Wheeled Output Stacker by these guides when moving it.

### c Output Stacker Foot Stand

Equipped with casters to facilitate moving it.

### d Stopper

Locks the Stand casters. Always release the Stopper before moving the printer. Moving the printer while the Stopper is locked may scratch the casters or the floor.



- For instructions on assembling the Wheeled Output Stacker, see the setup guide provided with the Wheeled Output Stacker.
- The printer can be used with either a Stationary Output Stacker or a separate, mobile Wheeled Output Stacker. The Wheeled Output Stacker is normally provided as an optional accessory, but it may be the standard stacker in some sales regions. If the Wheeled Output Stacker has been provided as the standard stacker, the Stationary Output Stacker is not included. For more information about the Stationary Output Stacker, see "Stationary Output Stacker." →P.467

## Using the Wheeled Output Stacker

Positioning the Wheeled Output Stacker by the printer will prevent rolls from dropping on the floor after printing. The stacker is equipped with casters to facilitate moving it.



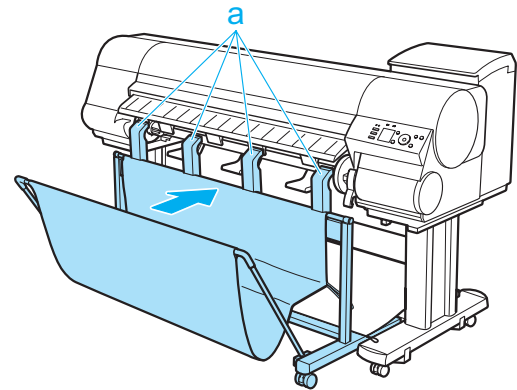
- The Output Stacker can accommodate one sheet. When printing multiple pages, remove each sheet after it is printed.

Handling and Use of Paper  
Output Stacker

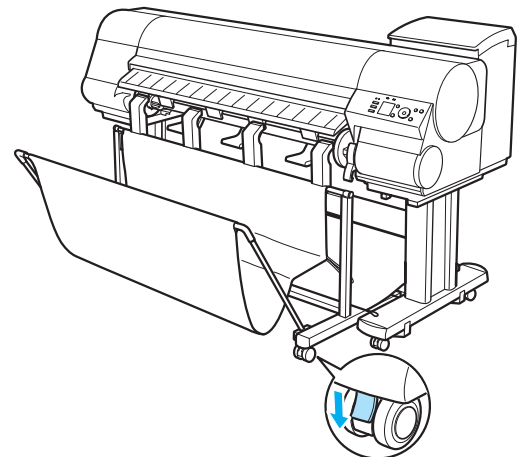


## Positioning the Wheeled Output Stacker by the printer

1. Holding the Output Stacker Ejection Guides (a), move the stacker between the printer Stand.



2. Lock the casters.



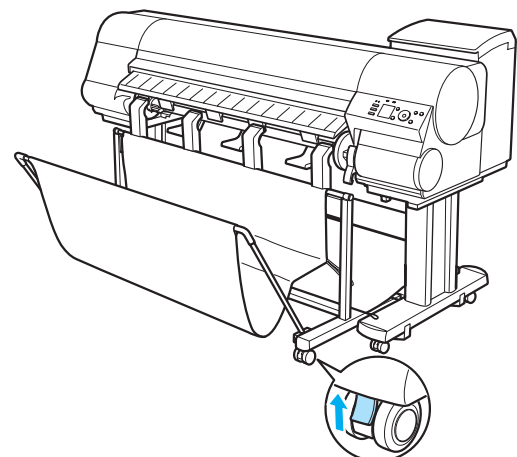
## Removing the Wheeled Output Stacker from the printer



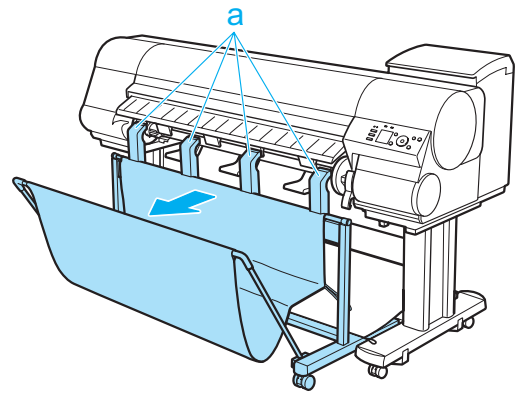
Note

- If there is not enough space to move the Wheeled Output Stacker, remove any printed documents inside the Output Stacker and fold the Output Stacker up.

1. Release the caster lock.



2. Holding the Output Stacker Ejection Guides (a), move the stacker away from the printer.

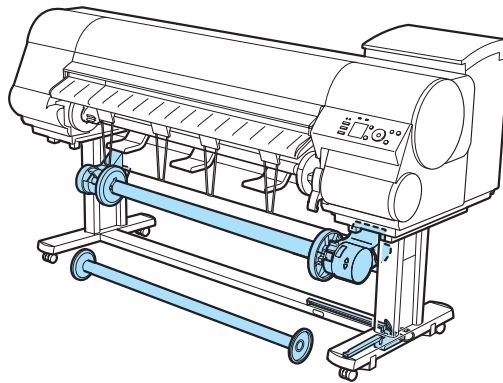



# Media take-up unit

- Media Take-up Unit ..... 474
- Media Take-up Unit (Optional) ..... 365
- Using the Media Take-up Unit (Optional) ..... 365
- Enabling Roll Take-Up ..... 366
- Disabling Roll Take-Up ..... 366
- Loading the Rewind Spool on the Media Take-up Unit ..... 367
- Removing Printed Documents from the Media Take-up Unit (Optional) ..... 372

## Media Take-up Unit (Optional)

Use the optional Media Take-up Unit to have documents that are printed on rolls rewound automatically after printing. This is convenient for large-format printing, or when printing large-volume jobs continuously.



-  For instructions on installing the Media Take-up Unit, refer to the Media Take-up Unit Setup Guide.
- Note** For information on the types of paper compatible with the Media Take-up Unit, refer to the **Paper Reference Guide**. (See "Types of Paper.") →P.320
- For Media Take-up Unit instructions, see "Using the Media Take-up Unit (Optional)." →P.365

## Using the Media Take-up Unit (Optional)


- 1** Turn the printer on. (See "Turning the Printer On and Off.") →P.17
- 2** Enable roll take-up. (See "Enabling Roll Take-Up.") →P.366
- 3** Load the rewind spool on the media take-up unit. (See "Loading the Rewind Spool on the Media Take-up Unit.") →P.367 }
- 4** Turn on the Media Take-up Unit.
- 5** Print on the roll.
- 6** Turn off the Media Take-up Unit.
- 7** Remove the printed document from the media take-up unit. (See "Removing Printed Documents from the Media Take-up Unit (Optional).") →P.372 } (Optional)
- 8** Disable roll take-up. (See "Disabling Roll Take-Up.") →P.366

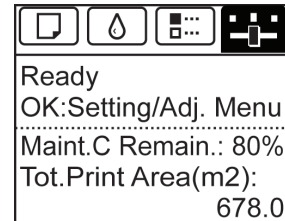


Important

- The Media Take-up Unit cannot be used with sheets.
- If you have attached the Output Stacker, always stow it before using the Media Take-up Unit. (See "Stowing the Stationary Output Stacker.") →P.360
- Position the Basket Cloth and Basket Rod so they do not interfere with the Media Take-up Sensor. This may impair operation. (See "Stowing the Stationary Output Stacker.") →P.360
- Rolls are not cut automatically when the Media Take-up Unit is used, regardless of the **Cutting Mode** setting in the printer menu or the **Automatic Cutting** setting in the printer driver. However, you can cut paper by pressing the **Cut** button.
- Color tones after printing may change during the ink drying period for some types of paper. Allow ample drying time before the final check of colors, and do not remove printed documents from the Media Take-up Unit too soon.
- In humid environments, documents printed using plenty of ink on relatively insubstantial media such as light-weight **Canon Coated Paper** may not be retracted evenly by the unit. In this case, take steps to control humidity in the operating environment, or adjust the **Roll DryingTime** setting so that printed documents are retracted after the ink has fully dried.
- In humid environments, documents printed on **Fabric Banner** or **Adhesive Synthetic Paper** may not be retracted evenly by the unit. In this case, take steps to control humidity in the operating environment, or adjust the **Roll DryingTime** setting so that printed documents are retracted after the ink has fully dried.

### Enabling Roll Take-Up

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

**3** Press ▲ or ▼ to select **Take-up Reel**, and then press the **OK** button.

**4** Press ▲ or ▼ to select **Use Take-up Reel**, and then press the **OK** button.

**5** Press ▲ or ▼ to select **Enable**, and then press the **OK** button.

### Disabling Roll Take-Up


**1** Press the **Cut** button.

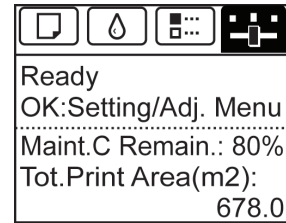
**2** Press ▲ or ▼ to select **Yes**, and then press the **OK** button.  
The mode now switches from take-up mode to regular mode.




Note

- The printer will also switch from take-up mode to regular mode if you lift the Release Lever and cut the roll with scissors instead of pressing the **Cut** button.

- 3 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).




 **Note** • If the **Tab Selection screen** is not displayed, press the **Menu** button.

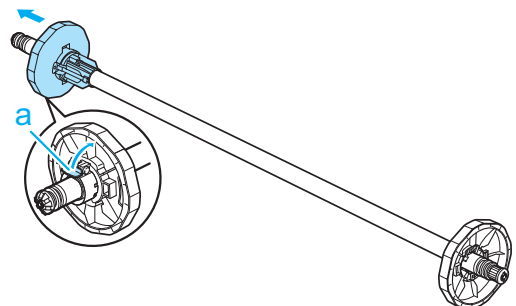
- 4 Press the **OK** button. The **Set./Adj. Menu** is displayed.
- 5 Press ▲ or ▼ to select **Take-up Reel**, and then press the **OK** button.
- 6 Press ▲ or ▼ to select **Use Take-up Reel**, and then press the **OK** button.
- 7 Press ▲ or ▼ to select **Disable**, and then press the **OK** button.

### Loading the Rewind Spool on the Media Take-up Unit

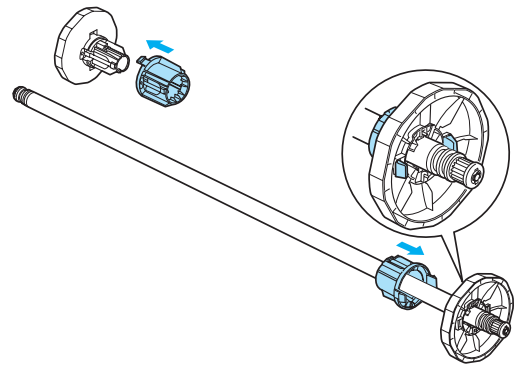
- 1 When using the Output Stacker, stow the Output Stacker before this procedure. (See "**Stowing the Stationary Output Stacker.**") →P.360

 **Important** • Position the Basket Cloth and Basket Rod so they do not interfere with the Media Take-up Sensor (wave portion). This may impair operation.

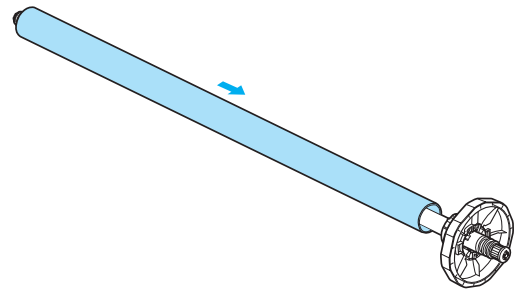
- 2 Unlock the flange on the left side of the Rewind Spool by lifting the lever (a) from the shaft side. Remove the flange.



**3** When rewinding rolls with 3-inch paper cores, insert the 3-inch Adapter on the flanges at both ends.

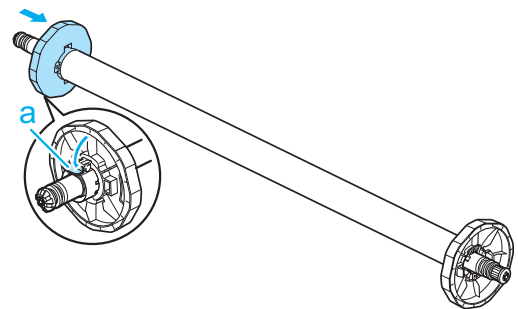


**4** Insert the paper core, which serves as the spindle for re-winding a roll, on the Rewind Spool.



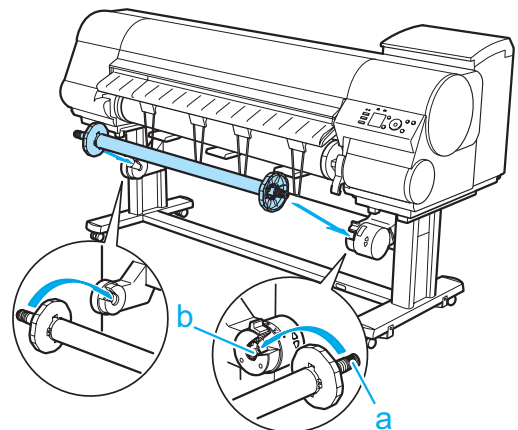
• Definitely load the same size of paper core in the Rewind Spool as that of the roll to be rewound. Using a paper core of a different size may cause rewinding problems.

**5** Push the flanges in firmly until the paper core is secured in place and push down the lever (a) toward the shaft.




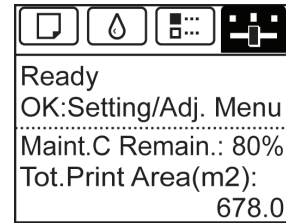
• After the flange is pressed strongly, confirm that the paper core does not move. If you can hold and move the paper core leftward and rightward and there is clearance between the flange and paper core, repeat procedures 2 to 4. If there is clearance, a rewinding problem may result.

**6** Load the Rewind Spool on the Media Take-up Unit so that the gear of the Rewind Spool (a) meshes with the gear of the Right Media Take-up Unit (b).



• If the gear of the Rewind Spool (a) does not mesh with the gear of the Right Media Take-up Unit (b), the Media Take-up Unit cannot be turned on.

**7** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

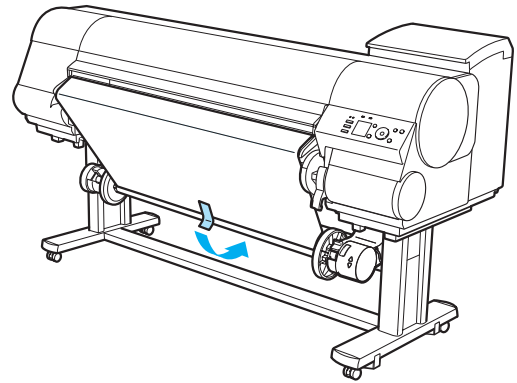
Note

**8** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

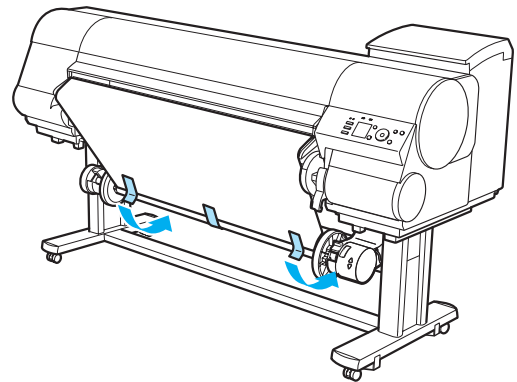
**9** Press ▲ or ▼ to select **Take-up Reel**, and then press the **OK** button.

**10** Press ▲ or ▼ to select **Auto Feed**, and then press the **OK** button.  
The roll is now advanced to the Media Take-up Unit.

**11** Hold the roll paper by the middle of the leading edge and align the right edge with the right edge of the paper core of the Rewind Spool. With the left and right edges of the roll paper evenly taut, tape the middle to the paper core to fasten it.



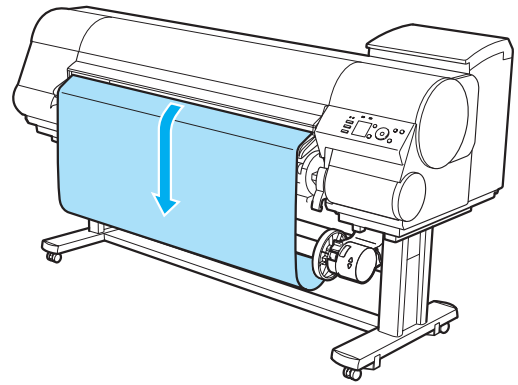
**12** Making sure the roll paper is not slack, tape the left and right side of the leading edge to the paper core.



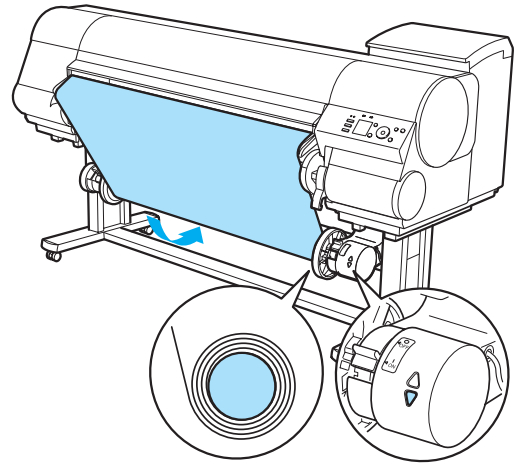
• When rewinding heavyweight paper, use strong adhesive tape to fasten it. Otherwise, a rewinding problem may result.

Note

**13** Press the ▼ button to make the roll a little slack.

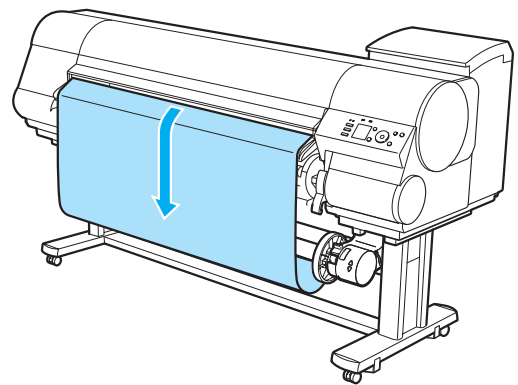


**14** On the Right Media Take-up Unit, pull the Rewind Mode Switch forward to turn it on. Press the ▼ button to rewind the roll so that it is nearly taut.

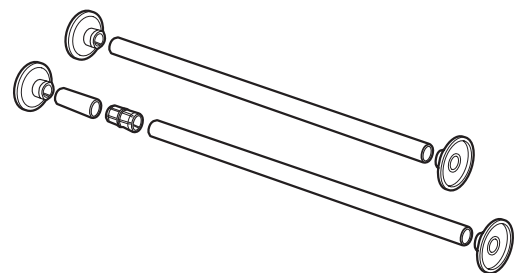


- Rewind the paper so that the paper core makes at least two revolutions. If the paper is not rewound two full revolutions, repeat steps 13 and 14.
- Do not manually force the Rewind Spool or paper core to rotate them. This may damage them. To rewind or unwind rolls, press ▲ or ▼ on the Media Take-up Unit.

**15** You can unwind rolls by holding down ▼ on the Control Panel.



**16** Refer to the following table and securely insert the Weight Flange and Weight Joint suitable for the type and width of roll into the Weight Roll.





The following list identifies Weight Roll and Weight Flange you can use. A Color Label is applied to each Weight Roll.

#### Weight Roll

Roll Width	Weight Roll to Use
B2 Width: 515.0 mm (20.3 in)	<b>D</b>
B1 Width: 728.0 mm (28.7 in)	<b>A+E</b>
B0 Width: 1,030.0 mm (40.6 in)	<b>A+G</b>
A1 Width: 594.0 mm (23.4 in)	<b>E</b>
A0 Width: 841.0 mm (33.1 in)	<b>B+E</b>
431.8 mm (17 in)	<b>C</b>
609.6 mm (24 in)	<b>E</b>
762.0 mm (30 in)	<b>B+D</b>
914.4 mm (36 in)	<b>G</b>
1,066.8 mm (42 in)	<b>C+E</b>
1,117.6 mm (44 in)	<b>D+E</b>

#### Weight Flange

Roll Type	Weight Flange to Use
<b>Canon Premium Glossy Paper 2 280</b> , Semi-Glossy Photo Paper, <b>Canon Premium Glossy Paper 2 280</b> , Heavyweight SemiGlossy Photo Paper, <b>Fine Art Photo</b> , <b>Fine Art Heavyweight Photo</b> , <b>Fine Art Textured</b> , <b>Canvas Matte</b> , <b>Fine Art Block Print</b> , <b>Fine Art Watercolor</b> , <b>Canon Proofing Paper</b> , <b>Canon Coated Paper</b> , <b>Canon Heavyweight Coated Paper</b> , <b>Extra Heavyweight Coated Paper</b> , <b>Colored Coated Paper</b> , <b>Adhesive Synthetic Paper</b> , <b>Synthetic Paper</b> , Backprint Film, Backlit Film, <b>Canon Flame-Resistant Cloth</b> , <b>Fabric Banner</b> , Thin Fabric Banner	Weight Flange 1 (*1)
Premium Matte Paper	Weight Flange 2

\*1: If you cannot retract stiff paper well using Weight Flange 1 or if the diameter of the retracted paper is wider than the Rewind Spool, use Weight Flange 2. When using Weight Flange 2, adjust the paper feed amount by executing **Auto(GenuinePpr)** or **Auto(OtherPaper)**. (See "Automatic Banding Adjustment.") → P.559



Important

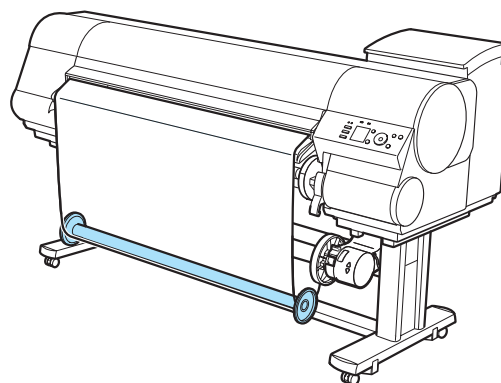
- Do not use combinations other than those identified here.
- Insert the Weight Flange and Weight Joint firmly on the Weight Roll.
- Use identical Weight Flange on the left and right ends. Insert matching Weight Flanges (1 or 2) on both ends of the Weight Roll.



Note

- Keep unused weight rolls, weight joints, and weight flanges handy by putting them in the box and putting the box under the Stand.

- 17** Set the Weight Roll gently on top of the slack in the roll paper.



The media take-up unit is now ready for use. Printed rolls can now be rewound automatically.



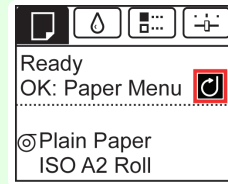
Important

- Always set the Weight Roll on the paper. Failure to do this may cause rewinding problems.
- When setting the Weight Roll on the paper, avoid touching the paper core and causing the wound roll to become misaligned on the left and right end. If it is misaligned on the left and right ends, a rewinding problem may result.



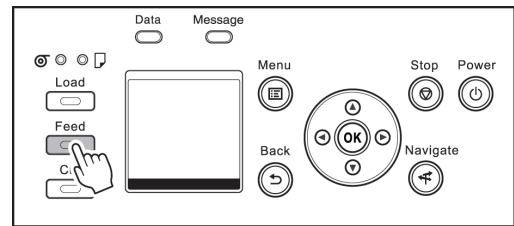
Note

- When the media take-up unit is in use, an icon indicating the take-up mode is shown on the Display Screen.

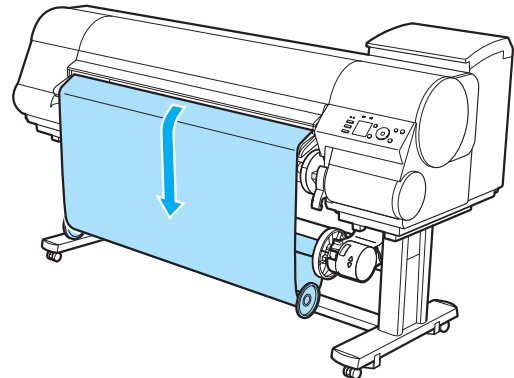


## Removing Printed Documents from the Media Take-up Unit (Optional)

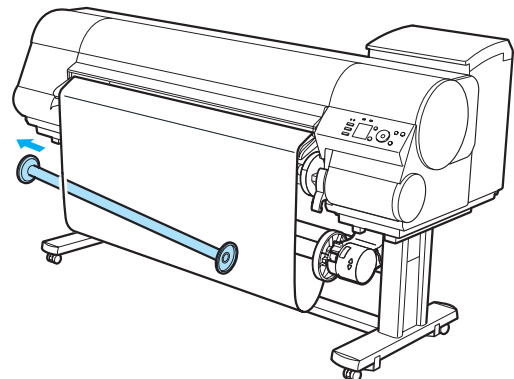
**1** Press the **Feed** button.



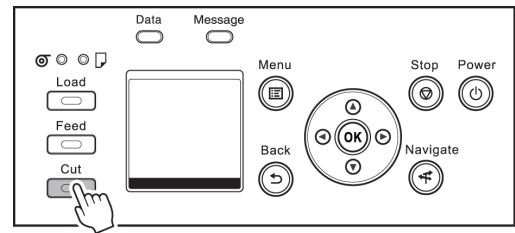
**2** Hold down the ▼ button to advance the roll a little. To protect the paper that has been rewound, advance it an amount longer than the outer circumference.



**3** Remove the Weight Roll from the roll paper.



#### 4 Press the **Cut** button.



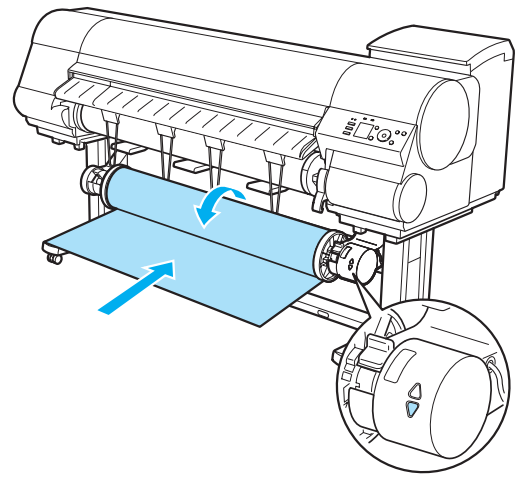
#### 5 Press ▲ or ▼ to select **Yes**. As you hold the trailing edge of the printed document, press the **OK** button. The roll is now cut.



- Always hold the trailing edge of printed documents when cutting rolls. If you do not hold the documents, they may fall on the floor and the printed surface may become soiled.

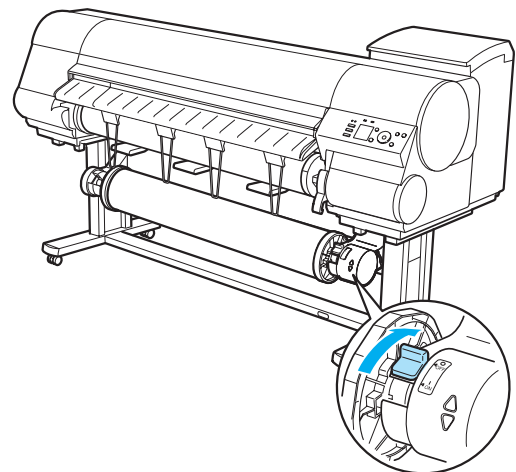
#### 6 Hold the trailing edge of the printed document and press the ▼ button on the Media Take-up Unit to rewind the printed document.

Apply adhesive tape to the rewound paper to hold it in place, if necessary.

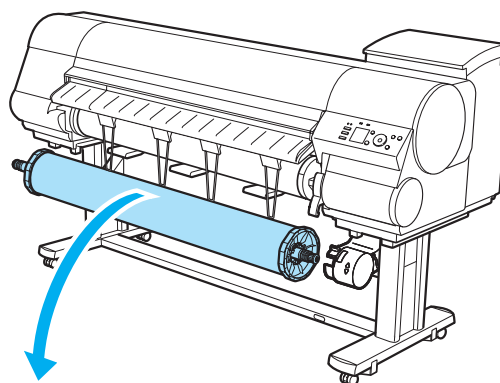


- Be careful not to scratch the printed surface.

#### 7 Turn off the Media Take-up Unit by pushing in the Rewind Mode Switch.



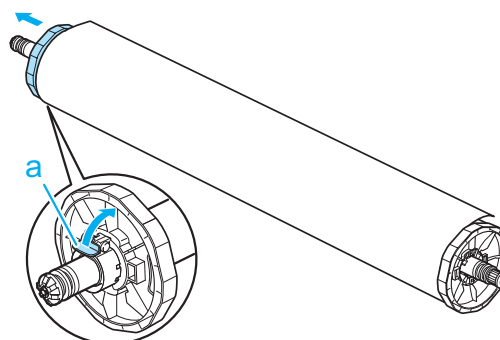
**8** Remove the Rewind Spool from the Media Take-up Unit.



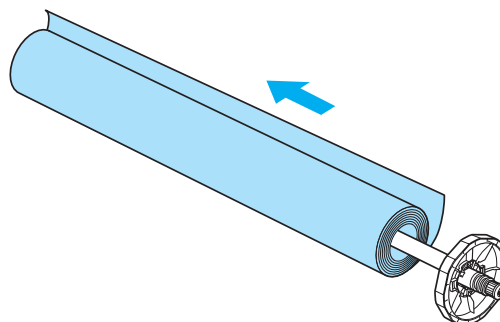
Important

- Always turn off the Media Take-up Unit before removing the Rewind Spool. The Media Take-up Unit may be damaged if you do not turn it off first.
- Remove the Rewind Spool, pulling off both ends from the Media Take-up Unit at once. If you do not pull off both ends at once, the Media Take-up Unit may become damaged.

**9** Unlock the flange on the left side of the Rewind Spool by lifting the lever (a) from the shaft side. Remove the flange.



**10** Remove the entire paper core with the rewound printed documents from the Rewind Spool.



Note

- You can leave the Rewind Spool on the Media Take-up Unit even when it is not used for rewinding rolls.

## Media Configuration Tool (Windows)

The Features of Media Configuration Tool .....	375
Installation Procedures .....	375
Updating Media Information After Installation .....	377
Media Configuration Tool Main Window .....	381
Editing Media Type Information for Genuine Paper and Feed Confirmed Paper .....	382
Adding Media Types .....	383
Changing Media Names .....	387
Deleting Media Types You Have Added .....	389
Switching Media Types Display Show/Hide .....	391
Changing the Display Order of Media Types .....	393
Applying a Saved Media Information File on Another Computer .....	395
Checking the update .....	396

### The Features of Media Configuration Tool

In imagePROGRAF, the best printer settings for each paper are collected together in media information files in order to give the highest quality printing results. Settings for Canon genuine paper and Canon feed confirmed paper are provided by Canon in these media information files.



Note

- Canon genuine paper and Canon feed confirmed paper are detailed in the Paper Reference Guide.

Using the Media Configuration Tool allows you to do the following.

- When new paper supported by the printer is added, the media information file can be automatically downloaded from the Canon website and the new media information can be added to the printer control panel and printer driver.
- You can rearrange lists of the types of paper on the printer control panel and in printer driver dialog boxes and rename them, in addition to other functions.



Important

- Normally, when the printer driver is installed from the User Software CD-ROM, the Media Configuration Tool is also installed and the media information is also configured. Use this software if you are not using the User Software CD-ROM, or to add new media information or edit existing media information.
- Administration of paper information using the Media Configuration Tool should be performed by the printer administrator.
- A computer that is connected to the Internet is required in order to download the media information file from the website.

### Drivers Applicable with Media Configuration Tool

- imagePROGRAF Printer Driver

### Installation Procedures

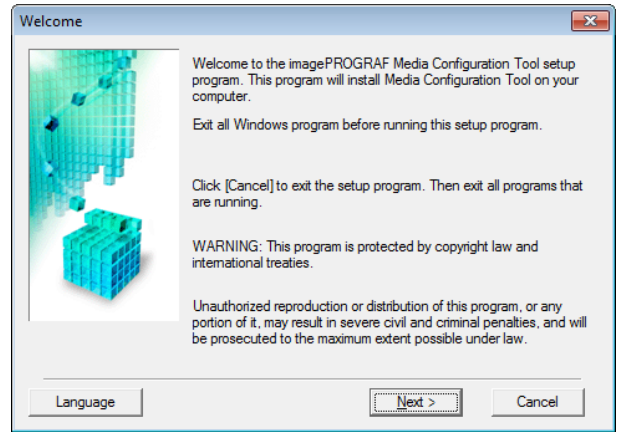
The procedure for installing the Media Configuration Tool is as follows.



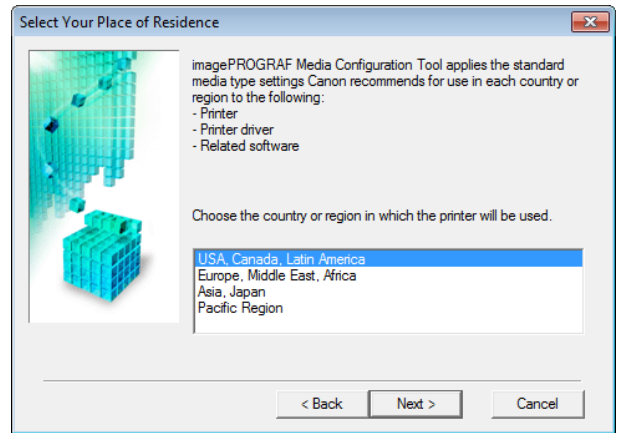
Important

- When you install the printer driver from the User Software CD-ROM, the Media Configuration Tool is also installed and the media information is also configured. The following procedure is therefore not normally needed. Perform the following procedure if you are installing the Media Configuration Tool without using the User Software CD-ROM, such as by downloading the latest version of the Media Configuration Tool from the Canon website.
- You must be logged in as Administrator when installing software in Windows.

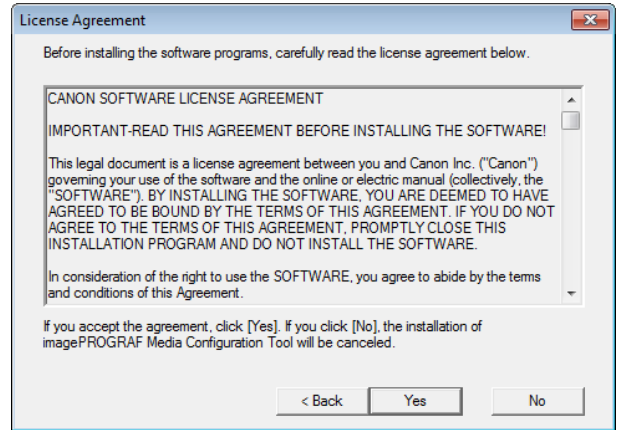
- 1 Start the Media Configuration Tool installer. Click the **Next** button.



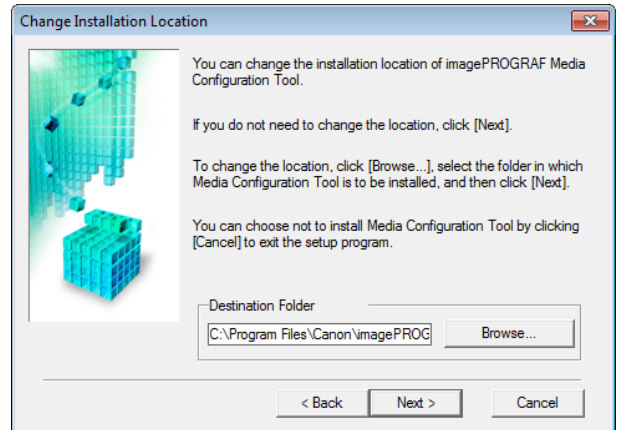
- 2 The next screen presents selections for the country or area where the printer is used. Select a country or territory then click the **Next** button.



- 3 The **License Agreement** is displayed. If you accept the agreement, click **Yes**.

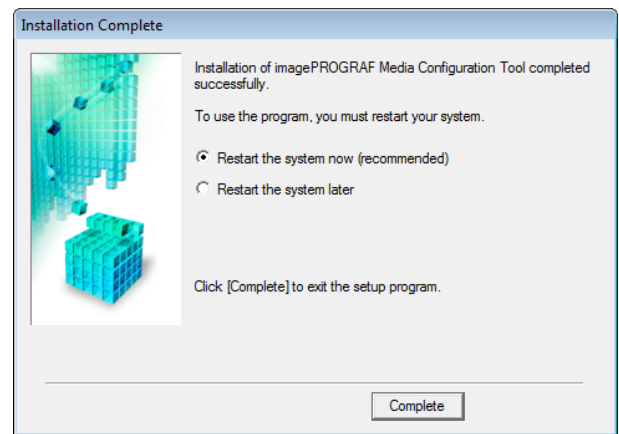


- 4 The **Change Installation Location** screen appears. Select the destination folder then click the **Next** button.



- 5** The **Installation Complete** screen appears. Click the **Finish** button.

This completes the installation of Media Configuration Tool.



- After the installation is finished, update the media information by referring to **Updating Media Information After Installation** → P.377 .

## Updating Media Information After Installation

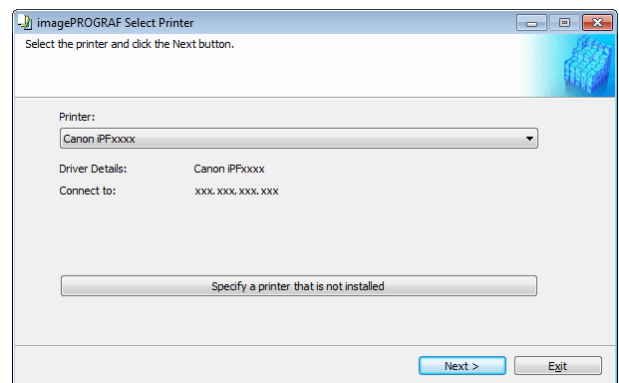
If you are running the Media Configuration Tool for the first time after installing it, you need to configure the media information in the printer control panel and printer driver.



- You do not need to perform this procedure if you installed the printer driver using the User Software CD-ROM.
- Do not attempt to print or turn the printer off while the program is communicating with the printer.

- 1** From the **start** menu, select **All Programs > imagePROGRAF Media Configuration Tool > imagePROGRAF Media Configuration Tool**.

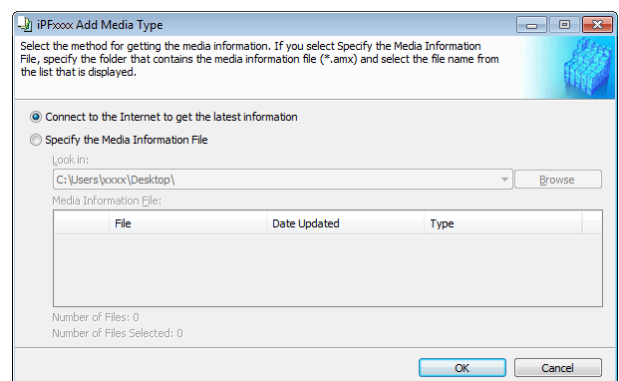
- 2** The **Select Printer** dialog box is displayed. Select the printer for which to configure the media information, and then click the **Next** button.



Note

- If you are using the printer without installing the printer driver, click the **Specify a printer that is not installed** button and specify the printer by following the on-screen instructions.
- In the following screens, you cannot change the printer where media type information is to be updated.

- 3** The **Add Media Type** dialog box is displayed. Make sure that **Connect to the Internet to get the latest information** is selected, and then click the **OK** button. The latest media information file is downloaded from the Internet.

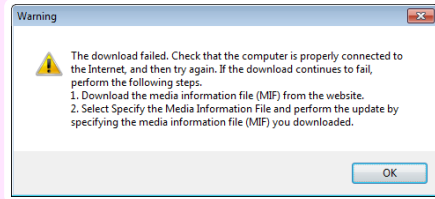




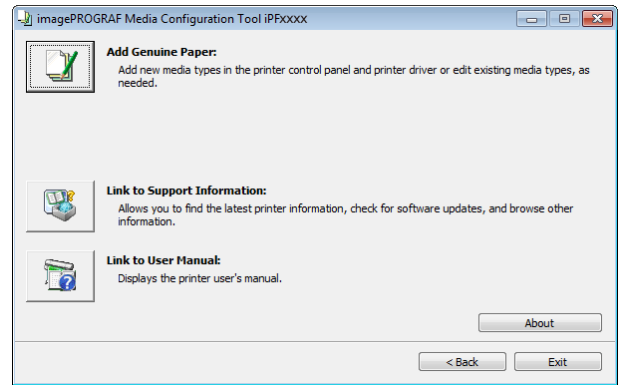
- If the main window is displayed at this time, it means that the media information has already been updated and the rest of the operation is not needed.



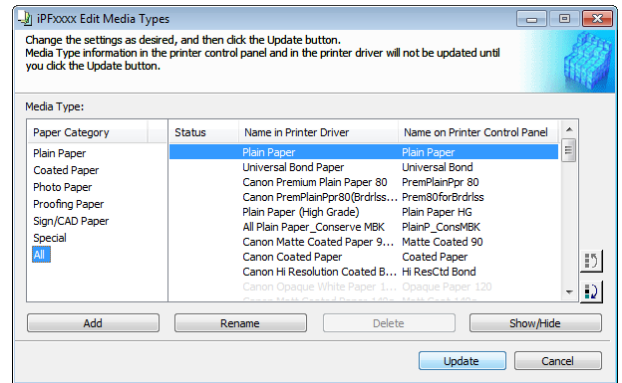
- If the message on the right is displayed, the media information file cannot be downloaded automatically from the Internet. Configure the settings by referring to **If the Media Information File Does Not Download Automatically From the Internet** → P.379 .



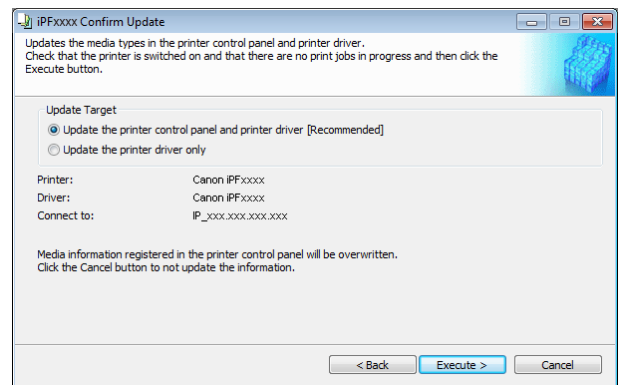
**4** The **Media Configuration Tool** main window is displayed. Click the **Add Genuine Paper** button.



**5** In the **Edit Media Types** dialog box, click the **Update** button.



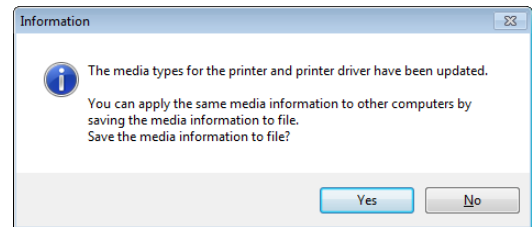
**6** The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button. The printer control panel and printer driver media information is updated.



- You should normally select **Update the printer control panel and printer driver**.



- 7** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.

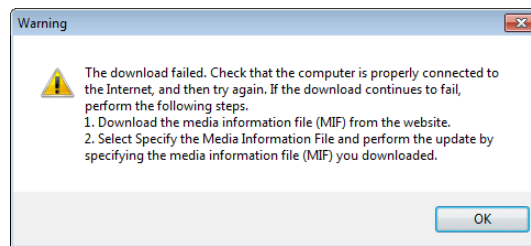


Note

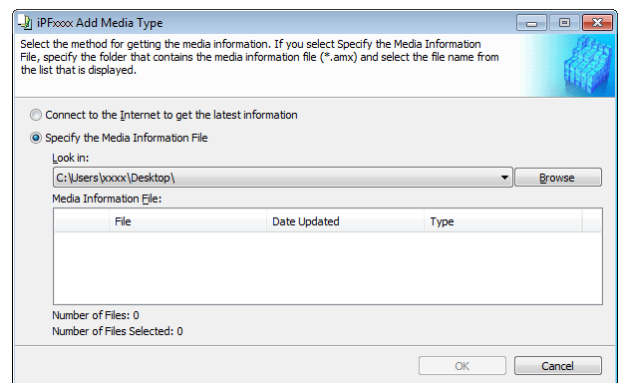
- The media information is saved as a media information file (.amx file).
- For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." → P.395

### If the Media Information File Does Not Download Automatically From the Internet

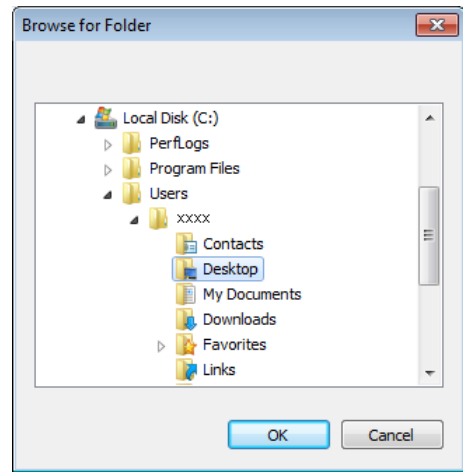
If the following message is displayed, configure the settings by using the following procedure.



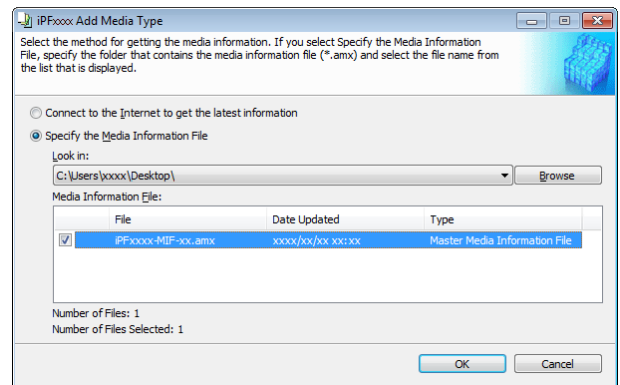
- Open a web browser on a computer that can access the Internet, and access the Canon website.
- Download the media information file (.amx file) corresponding to the printer to update from the Canon website.
- Copy the downloaded media information file (.amx file) to the computer where the Media Configuration Tool is installed.
- Run the Media Configuration Tool, then select **Specify the Media Information File** and click the **Browse** button in the **Add Media Type** dialog box.



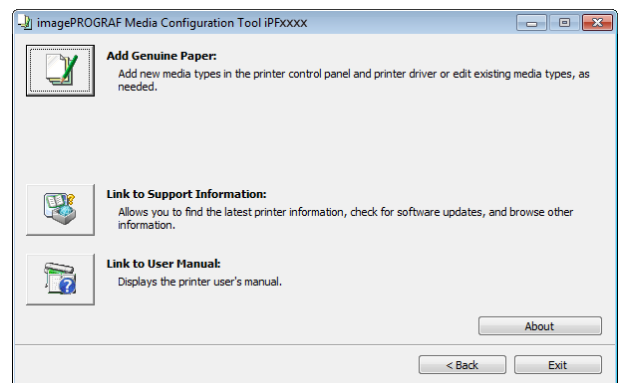
**5** Select the folder that contains the media information file (.amx file) you downloaded and click the **OK** button.



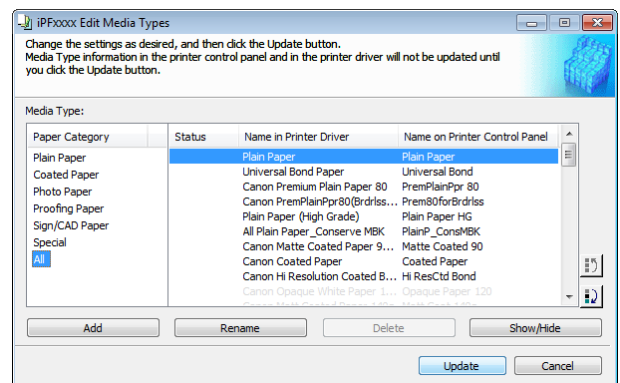
**6** The names of the media information files contained in the selected folder are displayed in the **Media Information File** field in the **Add Media Type** dialog box. Select the check box for the media information file name and click the **OK** button.



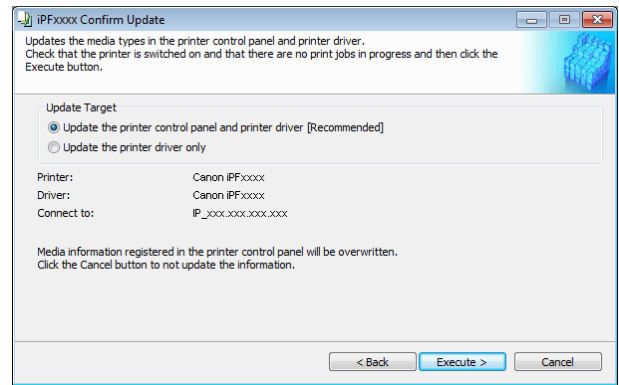
**7** The Media Configuration Tool main window is displayed. Click the **Add Genuine Paper** button.



**8** In the **Edit Media Types** dialog box, click the **Update** button.

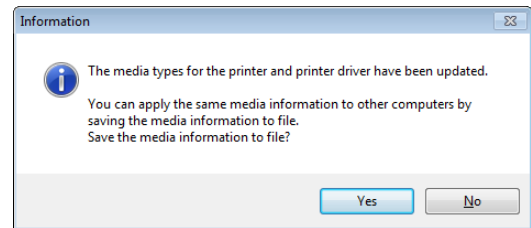


- 9 The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.



**Note** • You should normally select **Update the printer control panel and printer driver**.

- 10 The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



**Note** • The media information is saved as a media information file (.amx file).  
 • For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." →P.395

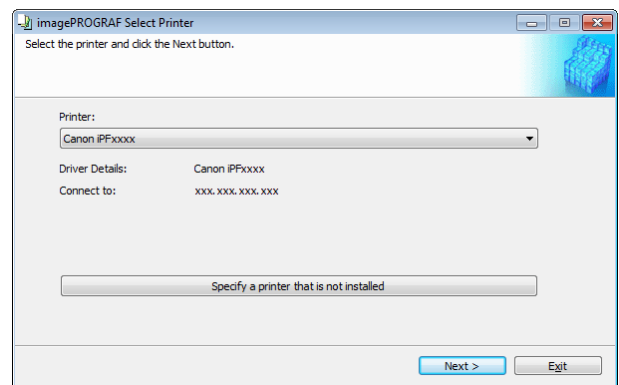
## Media Configuration Tool Main Window

The explanation below is on the Media Configuration Tool main window. Use the following procedure to open Media Configuration Tool main window.

**Important** • Do not attempt to print or turn the printer off while the program is communicating with the printer.

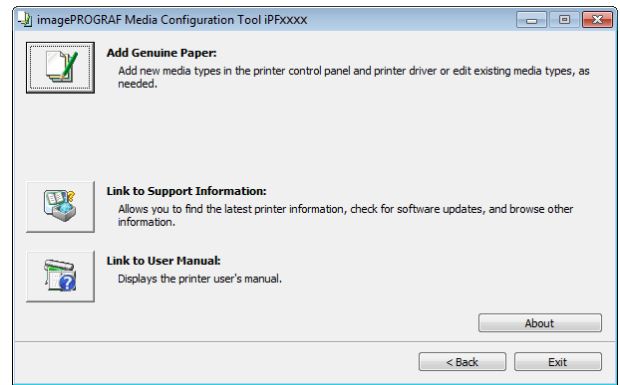
- 1 From the **start** menu, select **All Programs > imagePROGRAF Media Configuration Tool > imagePROGRAF Media Configuration Tool**.

- 2 The **Select Printer** dialog box is displayed. Select the printer for which to configure the media information, and then click the **Next** button.



**Note** • If you are using the printer without installing the printer driver, click the **Specify a printer that is not installed** button and specify the printer by following the on-screen instructions.  
 • In the following screens, you cannot change the printer where media type information is to be updated.

The Media Configuration Tool main window is displayed.



• If the **Add Media Type** dialog box is displayed at this point without the main window appearing, configure the setting by referring to **Updating Media Information After Installation** →P.377 .

• **Add Genuine Paper** button

When this button is clicked, the **Edit Media Types** dialog box is displayed, which allows you to add media information files released by Canon to the printer control panel and printer driver. You can also change names, toggle between displaying and hiding, and delete added media types.

You can also change the display order of the paper types.

Refer to "Editing Media Type Information for Genuine Paper and Feed Confirmed Paper" →P.382 for details on **Add Genuine Paper**.

• **Link to Support Information** button

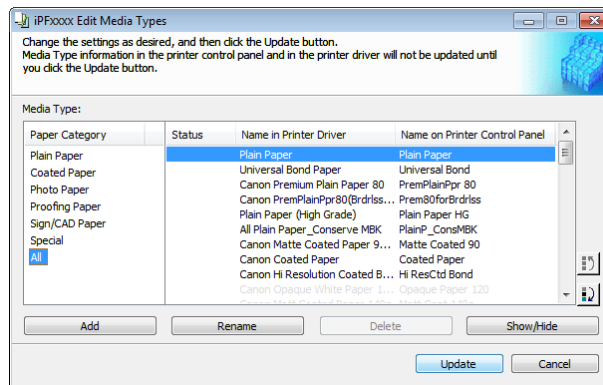
You can check information such as the latest information for the product and software version upgrade information.

• **Link to User Manual** Button

Displays the printer user's manual

## Editing Media Type Information for Genuine Paper and Feed Confirmed Paper

When adding genuine paper and feed confirmed paper to the printer control panel and printer driver and when editing media type information, click the **Add Genuine Paper** button in the Media Configuration Tool main window to open the **Edit Media Types** dialog box.



• For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." →P.381

• Paper that is displayed grayed out does not appear in the printer driver or printer control panel.

• **Add** Button

To add genuine paper or feed confirmed paper to the printer control panel and printer driver, click this button. For details on the procedure for adding media types, see "Adding Media Types." →P.383

• **Rename Button**

To change the name on the printer control panel and the name in the printer driver for genuine paper and feed confirmed paper, select the paper to change and click this button.

For details on the procedure for changing paper display names, see "Changing Media Names." →P.387

• **Delete Button**



To delete added genuine paper and feed confirmed paper from the printer control panel and printer driver, select the paper to delete and click this button.

For details on the procedure for deleting added media types, see "Deleting Media Types You Have Added." →P.389

• **Show/Hide Button**


To change whether or not genuine paper or feed confirmed paper is displayed in the printer control panel and printer driver, select the paper to change and click this button.


For details on the procedure for changing whether or not to display media types, see "Switching Media Types Display Show/Hide." →P.391

• **Change Display Order button** (  or  )

To change the display order of a media type in the printer control panel and printer driver, select the paper to change and click this button.


For details on the procedure for changing the display order of media types, see "Changing the Display Order of Media Types." →P.393


 **Important** • When you update the media type information, perform the same update on all of the PCs that are using that printer.

 **Note** • It may not be possible to deleting, showing/hiding, and changing the display order under some conditions.

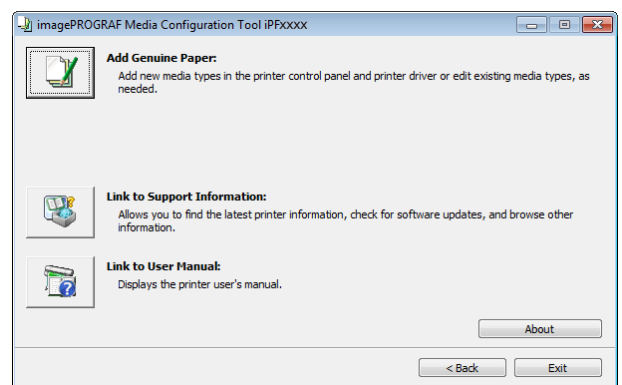
## Adding Media Types


You can register media information files (.amx file) released by Canon in the printer control panel and printer driver.

 **Important** • Do not attempt to print or turn the printer off while the program is communicating with the printer.

 **Important** • When you apply a media information file, the media type display order and other settings return to their default values. Reconfigure these settings again after applying the media information file.

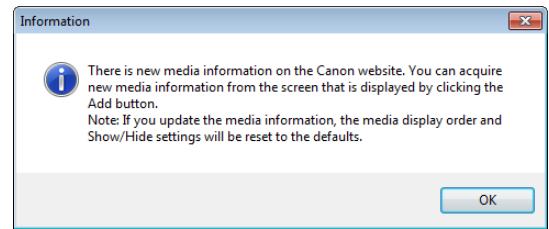
**1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.



 **Note** • For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." →P.381

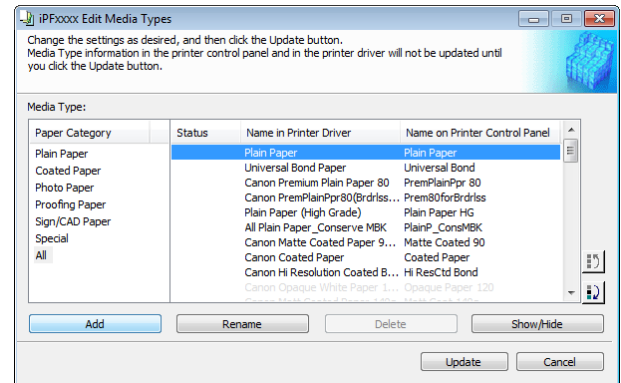
• If the **Add Media Type** dialog box is displayed after you select the printer without the main window appearing, configure the setting by referring to **Updating Media Information After Installation** →P.377 .

When a newer version of media information file than the media information file that is applied to your printer driver is released on the Canon website, the message on the right is displayed.  
To update the media information, click the **OK** button.

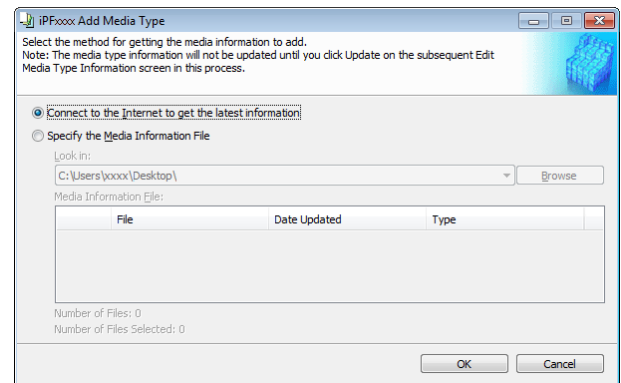


- When you update the media information, the paper display order and **Show/Hide** settings return to their default values.

**2** The **Edit Media Types** dialog box is displayed. Click the **Add** button.



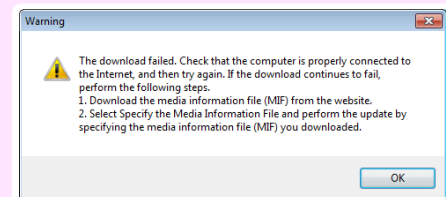
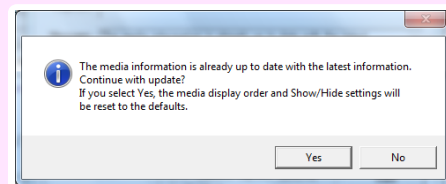
**3** Make sure that **Connect to the Internet to get the latest information** is selected, and then click the **OK** button.



- When you update the media information, the paper display order and **Show/Hide** settings return to their default values.
- If the message on the right is displayed at this time, the latest media information is already applied to your printer driver. There is normally no need to update.

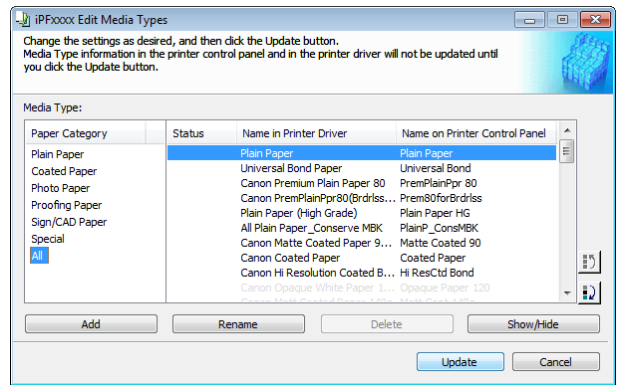
To exit without updating, click the **No** button. To continue with the update, click the **Yes** button.

- If the message on the right is displayed, the media information file cannot be downloaded automatically from the Internet. Configure the settings by referring to **If the Media Information File Does Not Download Automatically From the Internet** → P.385 .

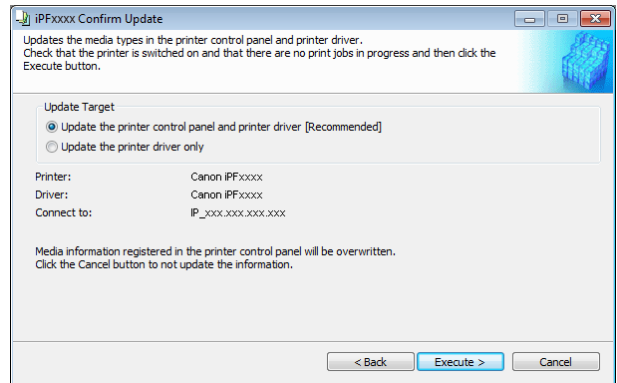


**4** Click **OK** when the confirmation message is displayed.

**5** In the **Edit Media Types** dialog box, click the **Update** button.

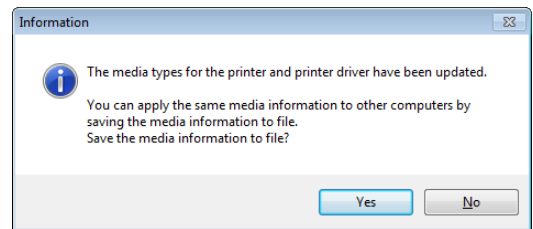


**6** The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button. The printer control panel and printer driver media information is updated.



**Note** • You should normally select **Update the printer control panel and printer driver**.

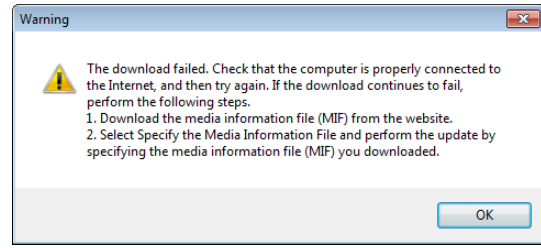
**7** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



**Note** • The media information is saved as a media information file (.amx file).  
 • For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." → P.395

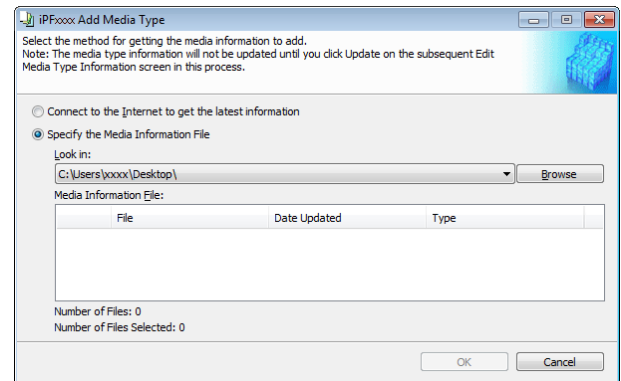
**If the Media Information File Does Not Download Automatically From the Internet**

If the following message is displayed, configure the settings by using the following procedure.

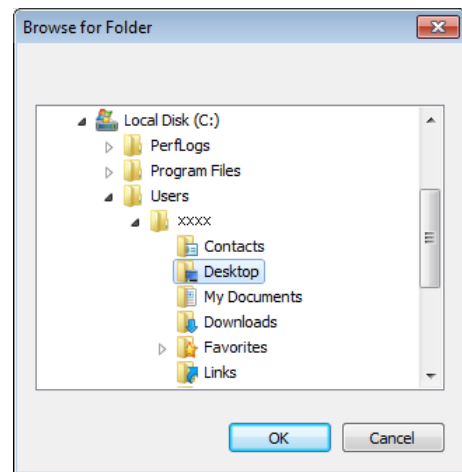


- 1** Open a web browser on a computer that can access the Internet, and access the Canon website.
- 2** Download the media information file (.amx file) corresponding to the printer to update from the Canon website.

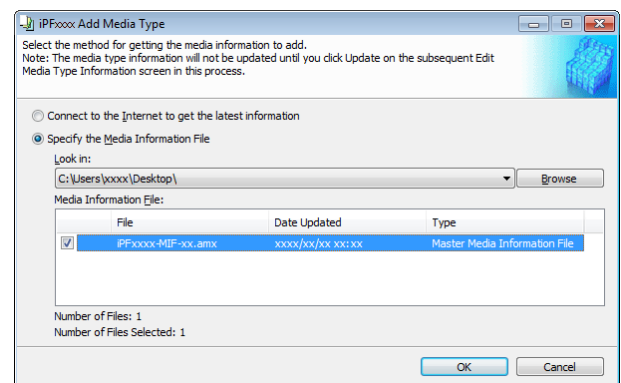
- 3 Copy the downloaded media information file (.amx file) to the computer where the Media Configuration Tool is installed.
- 4 Run the Media Configuration Tool. Click the **Add Genuine Paper** button in the main window, and then click the **Add** button in the **Edit Media Types** dialog box.
- 5 Select **Specify the Media Information File** in the **Add Media Type** dialog box, and then click the **Browse** button.



- 6 Select the folder that contains the media information file (.amx file) you downloaded and click the **OK** button.



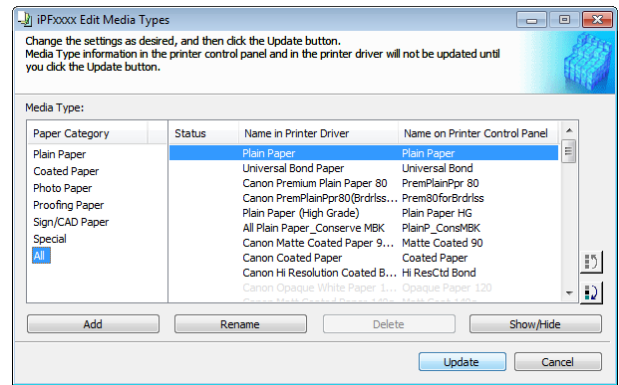
- 7 The names of the media information files contained in the selected folder are displayed in the **Media Information File** field in the **Add Media Type** dialog box. Select the check box for the media information file name and click the **OK** button.



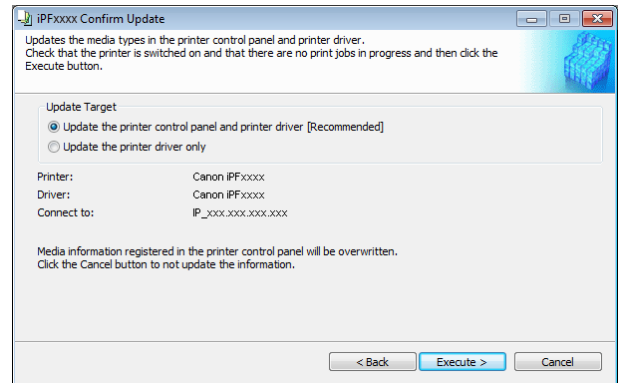
- 8 Click **OK** when the confirmation message is displayed.



**9** In the **Edit Media Types** dialog box, click the **Update** button.

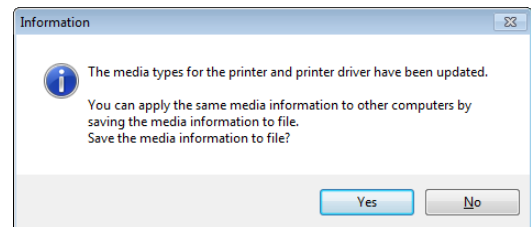


**10** The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button. The printer control panel and printer driver media information is updated.



**Note** • You should normally select **Update the printer control panel and printer driver**.

**11** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.

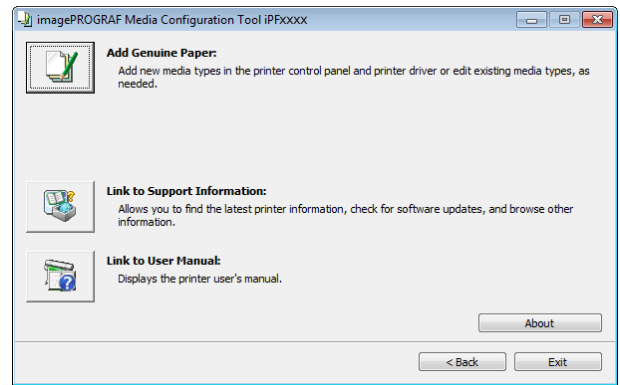


**Note** • The media information is saved as a media information file (.amx file).  
 • For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." → P.395

## Changing Media Names

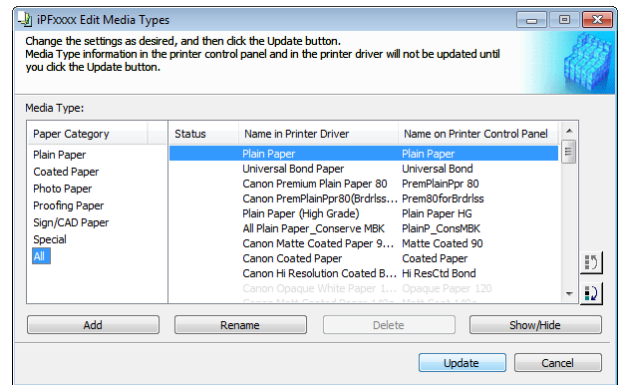
**Important** • Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.

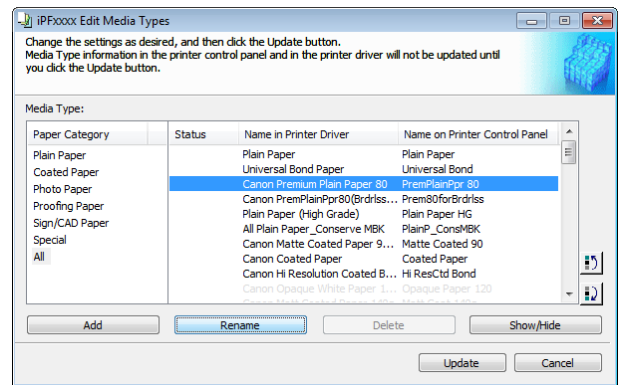


• For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." →P.381

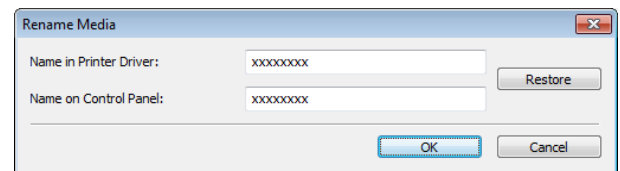
**2** The **Edit Media Types** dialog box is displayed.



**3** In the **Media Type** list, select the name to change. Click the **Rename** button.

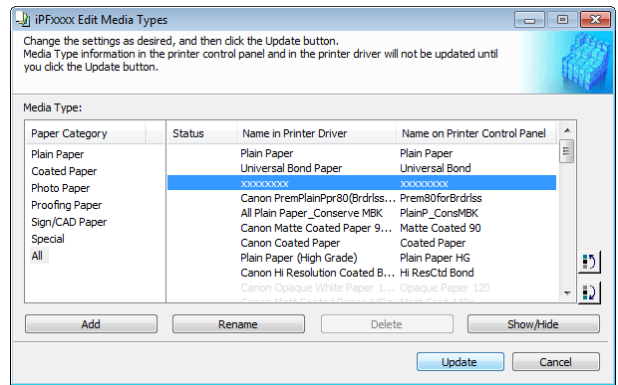


**4** The **Rename Media** dialog box is displayed. Edit the names in **Name in Printer Driver** and **Name on Control Panel** and click the **OK** button.

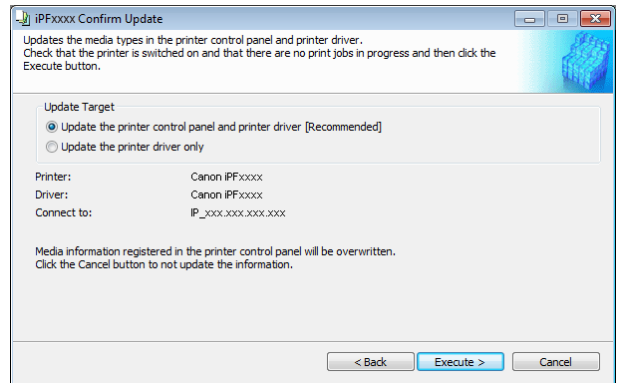


- To restore the original names, click the **Restore** button.
- The characters that can be entered for **Name in Printer Driver** and **Name on Control Panel** are stated below.  
alphanumeric, space, "-", ".", "\_", "(", ")", "+", "%", ",", "/"
- For **Name in Printer Driver** up to 32 one Byte characters can be entered, and for **Name on Control Panel** up to 16 one Byte characters can be entered.

**5** In the **Edit Media Types** dialog box, click the **Update** button.



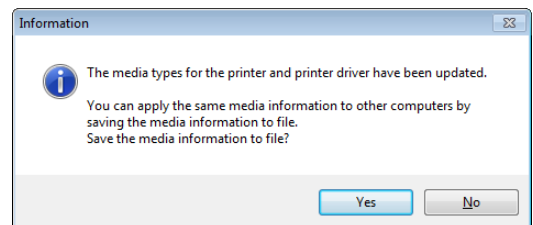
**6** The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button. The printer control panel and printer driver media information is updated.



**Note** • You should normally select **Update the printer control panel and printer driver**.

**Important** • When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.

**7** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.

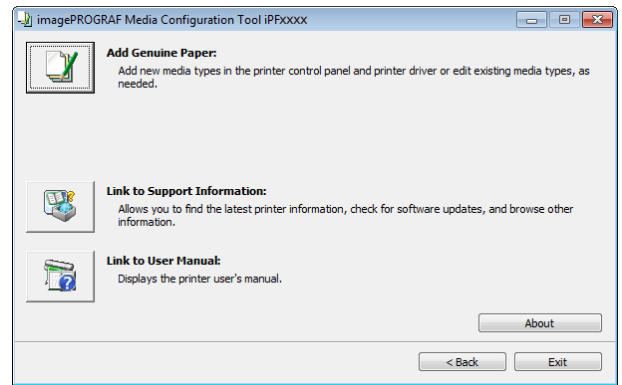


**Note** • The media information is saved as a media information file (.amx file).  
 • For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." → P.395

## Deleting Media Types You Have Added

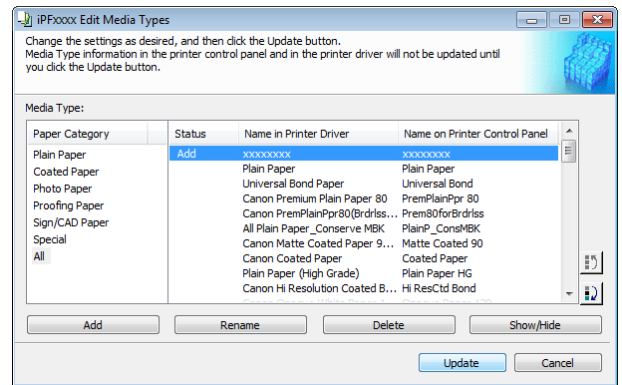
**Important** • Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.

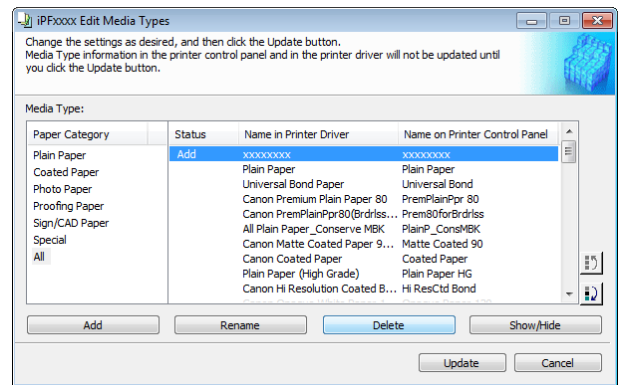


• For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." → P.381

**2** The **Edit Media Types** dialog box is displayed.

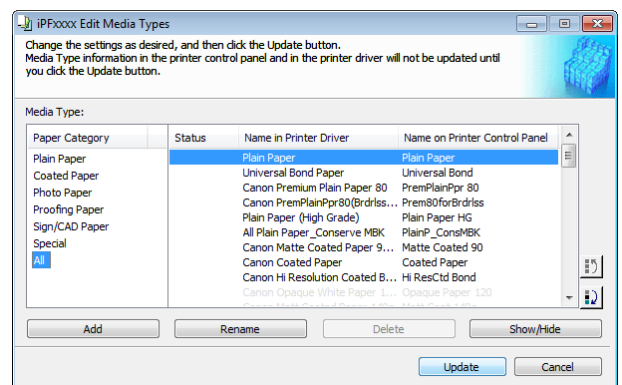


**3** In the **Media Type** list, select the name of the media to delete.  
Click the **Delete** button.

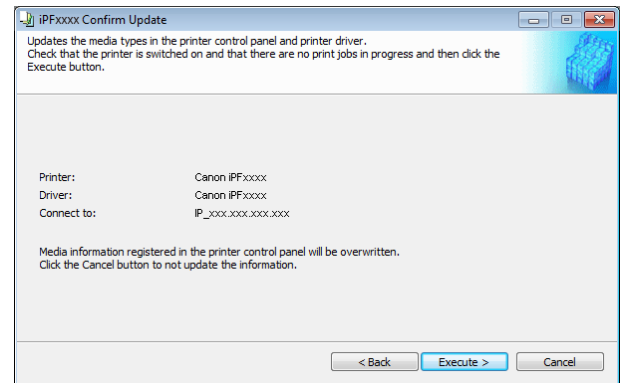


• Only paper for which **Status** in the **Media Type** is **Add** can be deleted.

**4** In the **Edit Media Types** dialog box, click the **Update** button.



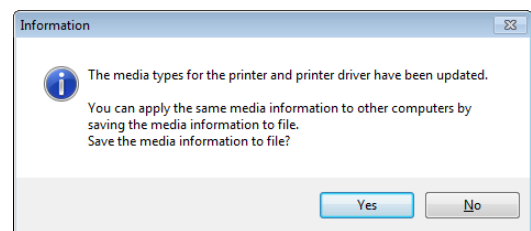
- 5** The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.



Important

- When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.

- 6** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



Note

- The media information is saved as a media information file (.amx file).
- For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." → P.395

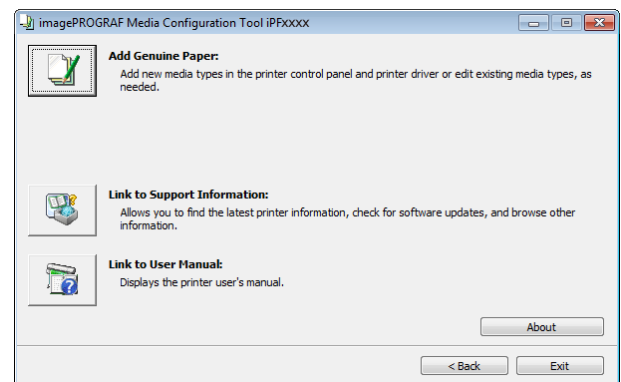
## Switching Media Types Display Show/Hide



Important

- Do not attempt to print or turn the printer off while the program is communicating with the printer.

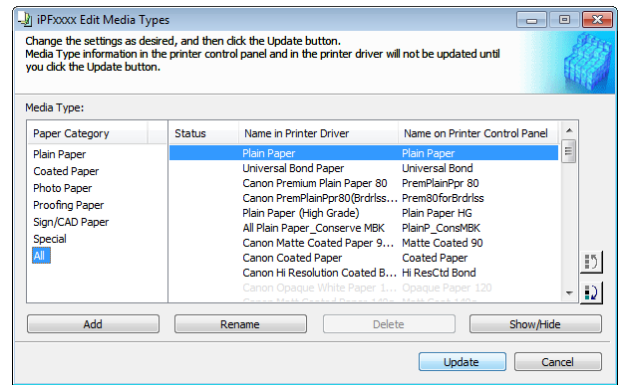
- 1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.



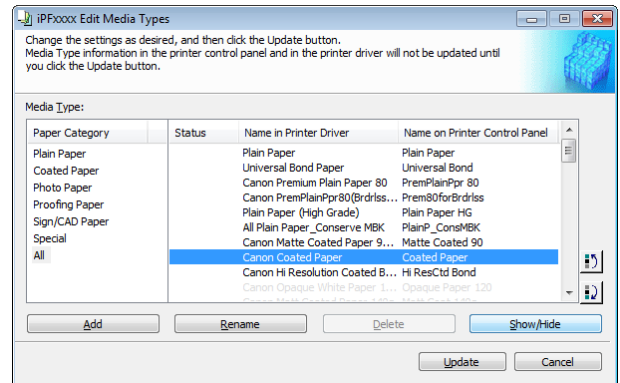
Note


- For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." → P.381

**2** The **Edit Media Types** dialog box is displayed.

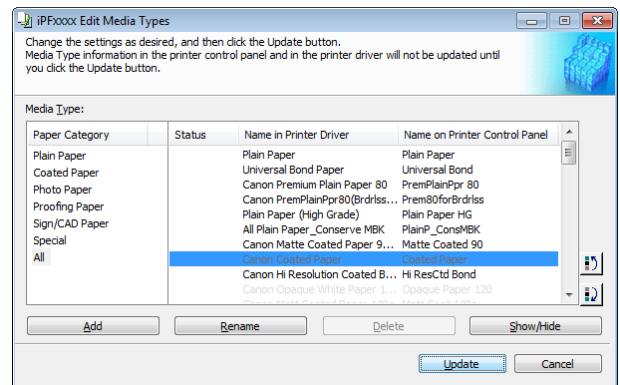


**3** In the **Media Type** list, select the name of the media to switch off or on for display. Click the **Show/Hide** button. The selected paper is alternately shown or hidden.

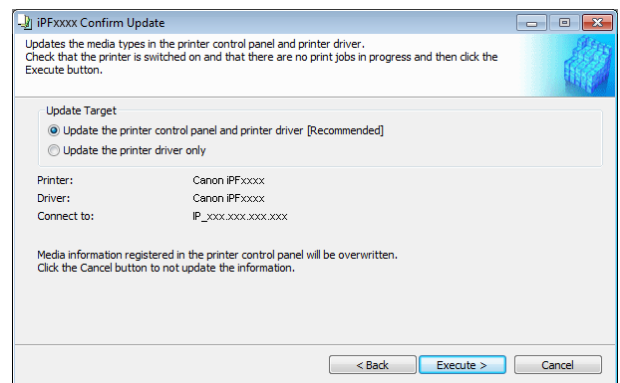


-  **Note** • You can select multiple paper.
- The names of media switched for non-display appear grayed out in the **Media Type** list.
- Each time you click the **Show/Hide** button, the display mode cycles from showing both the printer driver and printer panel, to hiding both the printer driver and printer panel, and then to showing only the printer panel.

**4** In the **Edit Media Types** dialog box, click the **Update** button.



**5** The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.





Note

- You should normally select **Update the printer control panel and printer driver**.

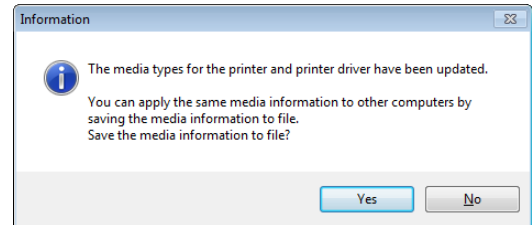


Important

- When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.

6

The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



Note

- The media information is saved as a media information file (.amx file).
- For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." → P.395

## Changing the Display Order of Media Types

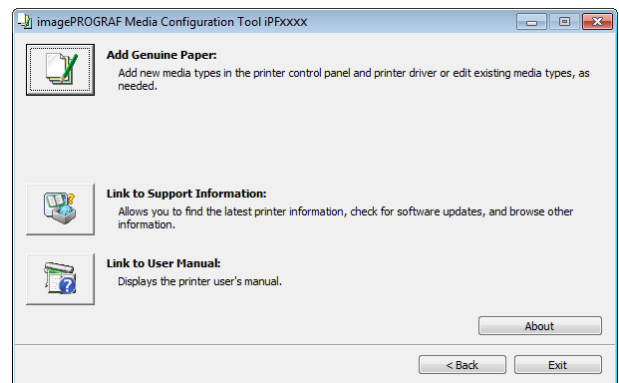


Important

- Do not attempt to print or turn the printer off while the program is communicating with the printer.

1

Click the **Add Genuine Paper** button in the Media Configuration Tool main window.

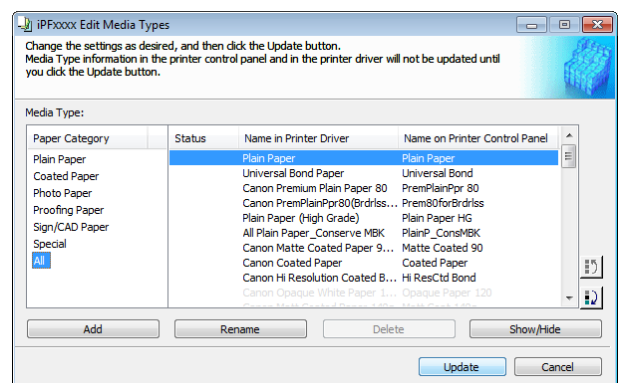


Note



- For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." → P.381

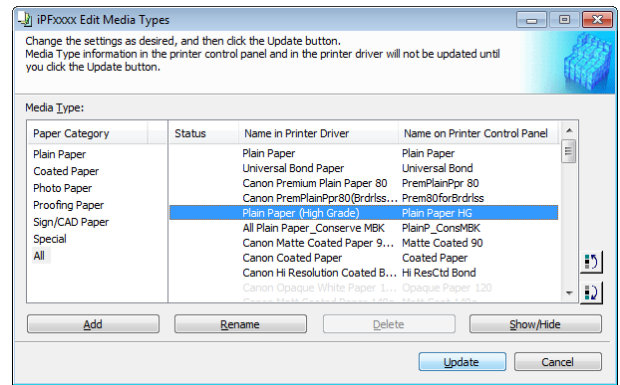
2

The **Edit Media Types** dialog box is displayed.

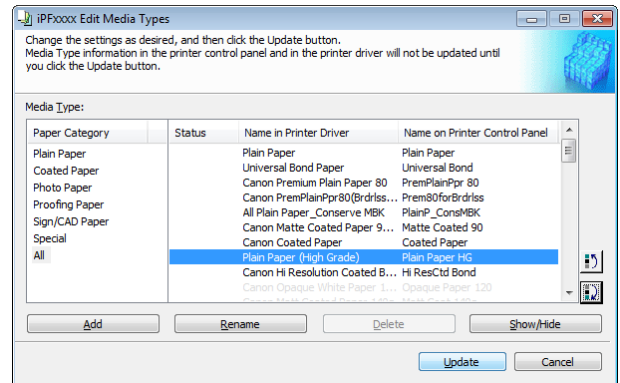




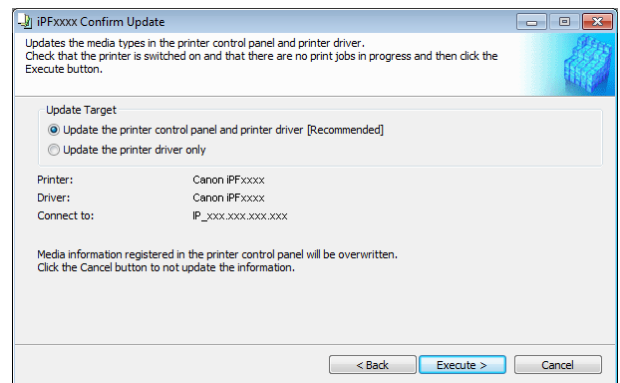
**3** Select the paper in the **Media Type** list for which to change the display order, and then click the buttons to move the item (  or  ).  
The selected item moves one line up or down for every button click.





**4** In the **Edit Media Types** dialog box, click the **Update** button.



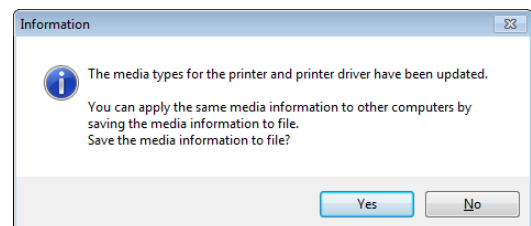
**5** The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button.  
The printer control panel and printer driver media information is updated.




 **Note** • You should normally select **Update the printer control panel and printer driver**.

 **Important** • When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.

**6** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



 **Note** • The media information is saved as a media information file (.amx file).  
• For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." → P.395



## Applying a Saved Media Information File on Another Computer

You can import and use the media information file you saved from your computer on other printers and computer by using the following procedure.



Important

- Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** Copy the saved media information file (.amx) onto the other computer.

**2** Install and run the Media Configuration Tool on the other computer.

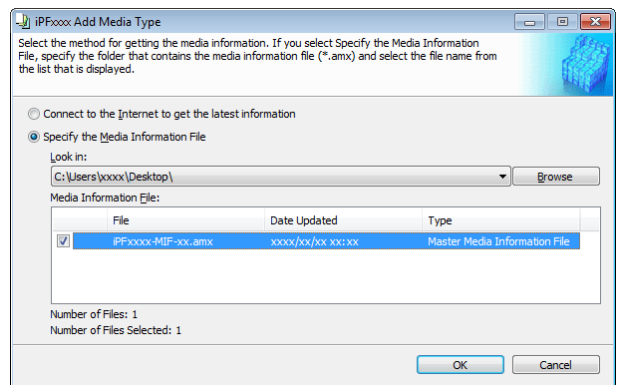
**3** Select the printer in the **Select Printer** dialog box, and then click the **Next** button.



Note

- Select the printer model that matches the media information file you are attempting to import.

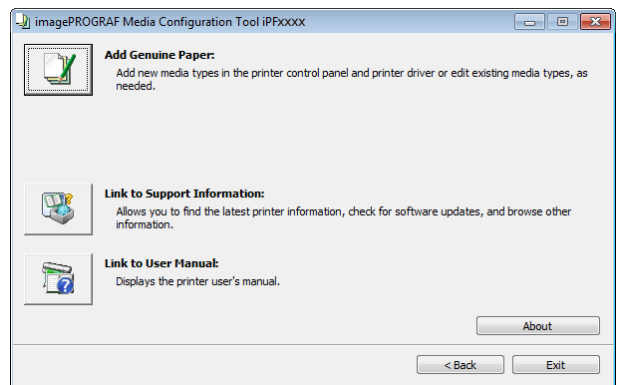
**4** Select **Specify the Media Information File** in the **Add Media Type** dialog box, click the **Browse** button, and then specify the folder that contains the .amx file you copied. Select the check box for the media information file name and click the **OK** button.



Note

- If the Media Configuration Tool main window is displayed at this time, click the **Add Genuine Paper** button, and then click the **Add** button on the screen that opens.

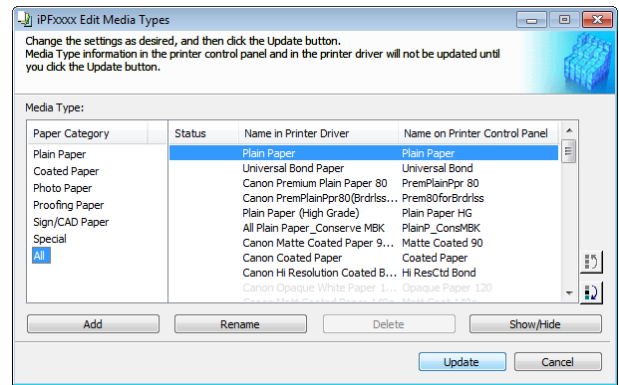
**5** The Media Configuration Tool main window is displayed. Click the **Add Genuine Paper** button.



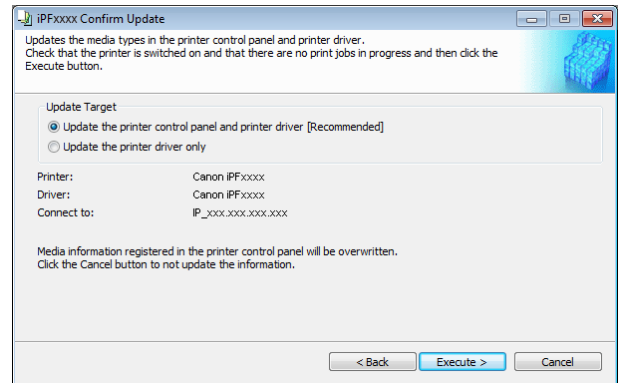
Note

- If the **Edit Media Types** dialog box is displayed without the main window appearing, proceed to the following step.

**6** In the **Edit Media Types** dialog box, click the **Update** button.



**7** Configure Update Target and click the **Execute** button.



## Checking the update

After updating the media information using the Media Configuration Tool, you can check whether the update has been applied to the printer in the control panel of the printer.

- 1** Click the **About** button in the Media Configuration Tool main window to open the **About** dialog box.
- 2** Check the value **xx.xx (xxxx)** of **MIT DB Version**.
- 3** Check the value **xx.xx (xxxx)** of **MIT** in **Set./Adj. Menu > Printer Info > System Info** in the printer control panel.  
 If the values in Steps 2 and 3 are the same, the update has been applied to the printer.

## Media Configuration Tool (Mac OS)

The Features of Media Configuration Tool .....	397
Procedures for Installing .....	397
Updating Media Information After Installation .....	399
Media Configuration Tool Main Window .....	403
Editing Media Type Information for Genuine Paper and Feed Confirmed Paper .....	405
Adding Media Types .....	406
Changing Media Names .....	410
Deleting Media Types You Have Added .....	413
Switching Media Types Display Show/Hide .....	414
Changing the Display Order of Media Types .....	416
Applying a Saved Media Information File on Another Computer .....	418
Checking the update .....	420

### The Features of Media Configuration Tool

In imagePROGRAF, the best printer settings for each paper are collected together in media information files in order to give the highest quality printing results. Settings for Canon genuine paper and Canon feed confirmed paper are provided by Canon in these media information files.



Note

- Canon genuine paper and Canon feed confirmed paper are detailed in the Paper Reference Guide.

Using the Media Configuration Tool allows you to do the following.

- When new paper supported by the printer is added, the media information file can be automatically downloaded from the Canon website and the new media information can be added to the printer control panel and printer driver.
- You can rearrange lists of the types of paper on the printer control panel and in printer driver dialog boxes and rename them, in addition to other functions.



Important

- Normally, when the printer driver is installed from the User Software CD-ROM, the Media Configuration Tool is also installed and the media information is also configured. Use this software if you are not using the User Software CD-ROM, or to add new media information or edit existing media information.
- Administration of paper information using the Media Configuration Tool should be performed by the printer administrator.
- A computer that is connected to the Internet is required in order to download the media information file from the website.

### Drivers Applicable with Media Configuration Tool

- imagePROGRAF Printer Driver

### Procedures for Installing

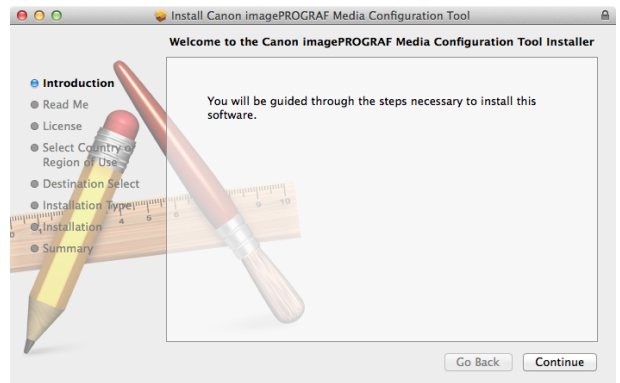
Start the installer in the new version of Media Configuration Tool, and follow procedures below to install the Media Configuration Tool.



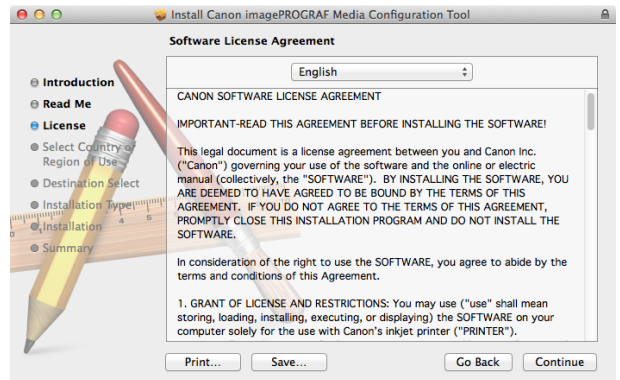
Important

- When you install the printer driver from the User Software CD-ROM, the Media Configuration Tool is also installed and the media information is also configured. The following procedure is therefore not normally needed. Perform the following procedure if you are installing the Media Configuration Tool without using the User Software CD-ROM, such as by downloading the latest version of the Media Configuration Tool from the Canon website.

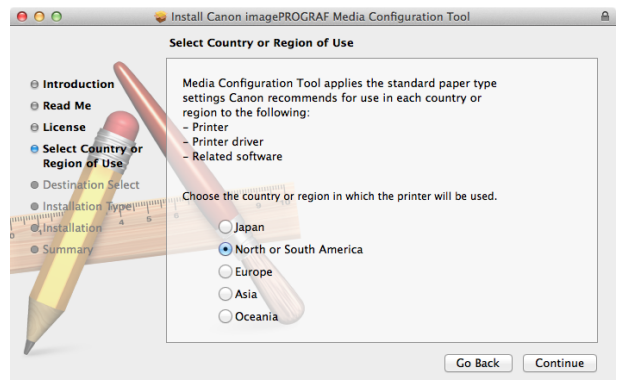
- 1 Double-click **Canon imagePROGRAF Media Configuration Tool.pkg** to start the Media Configuration Tool installer.



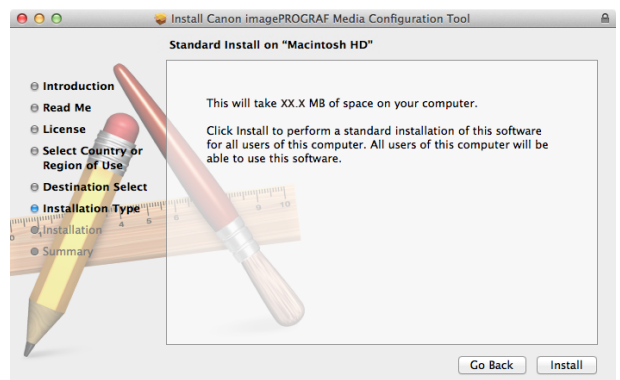
- 2 The **Software License Agreement** is displayed. After you have read Canon Software License Agreement, click the **Continue** button.



- 3 The next screen presents selections for the country or area where the printer is used. Select a country or territory then click the **Continue** button.



- 4 Click the **Install** button.

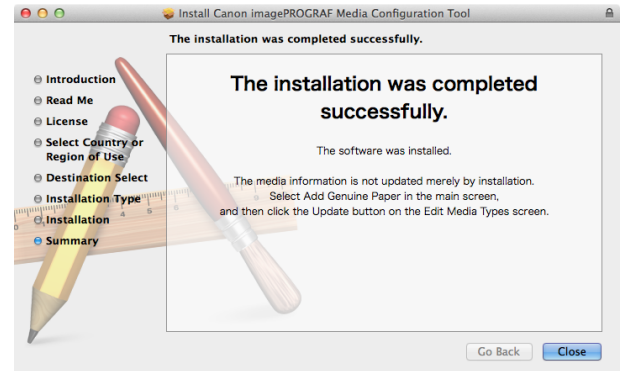


- 5** Enter an administrator name/password and click the **Install Software** button.



- 6** Click the **Close** button.

The installation of Media Configuration Tool is complete.



Note

- When the installation is completed properly, the Media Configuration Tool folder is saved in the following folder.  
**Applications > Canon Utilities > Media Configuration Tool**



Important

- After the installation is finished, update the media information by referring to **Updating Media Information After Installation** → P.399 .

## Updating Media Information After Installation

If you are running the Media Configuration Tool for the first time after installing it, you need to configure the media information in the printer control panel and printer driver.

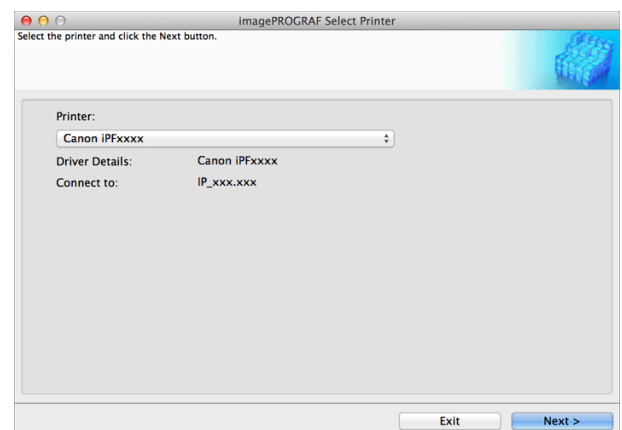


Important

- You do not need to perform this procedure if you installed the printer driver using the User Software CD-ROM.
- Do not attempt to print or turn the printer off while the program is communicating with the printer.

- 1** From the **Applications** menu, select **Canon Utilities > imagePROGRAF Media Configuration Tool > CNWIMCT**.

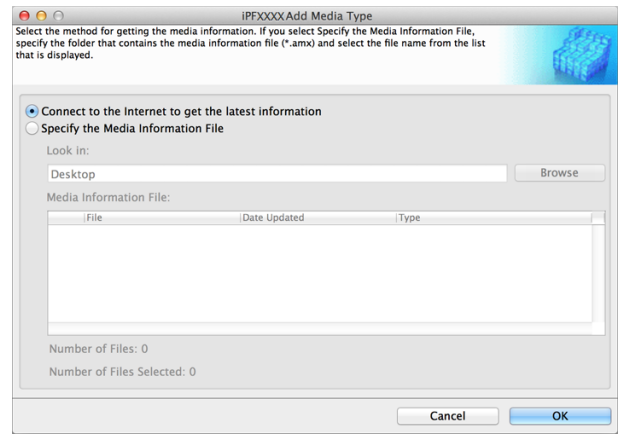
- 2** The **Select Printer** dialog box is displayed. Select the printer for which to configure the media information, and then click the **Next** button.



Note

- The printers for which the printer driver is installed are displayed. If the printer you want to configure is not displayed, check whether the printer driver for the target model is correctly installed.
- In the following screens, you cannot change the printer where media type information is to be updated.

**3** The **Add Media Type** dialog box is displayed. Make sure that **Connect to the Internet to get the latest information** is selected, and then click the **OK** button. The latest media information file is downloaded from the Internet.



If the main window is displayed at this time, it means that the media information has already been updated and the rest of the operation is not needed.

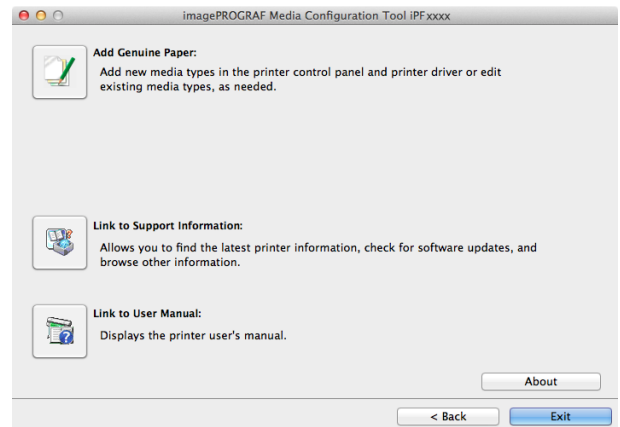


Important

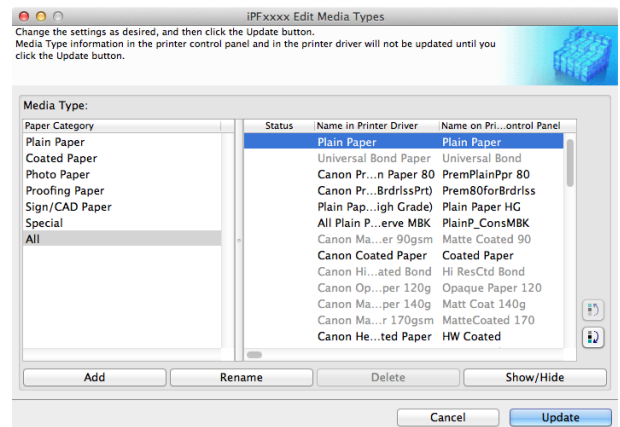
If the message on the right is displayed, the media information file cannot be downloaded automatically from the Internet. Configure the settings by referring to **If the Media Information File Does Not Download Automatically From the Internet** → P.401 .



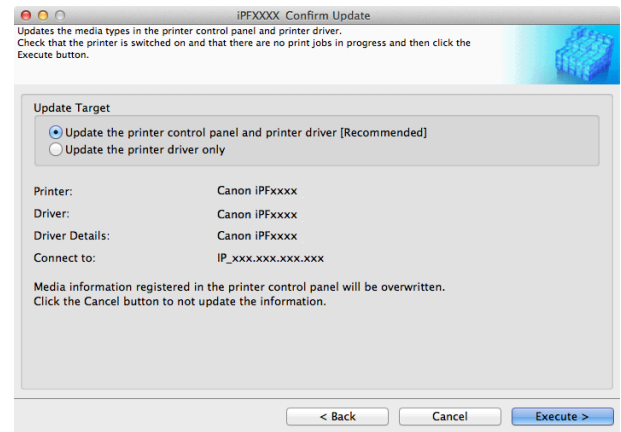
**4** The **Media Configuration Tool** main window is displayed. Click the **Add Genuine Paper** button.



**5** In the **Edit Media Types** dialog box, click the **Update** button.



- 6** The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.



Note

- You should normally select **Update the printer control panel and printer driver**.

- 7** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



Note

- The media information is saved as a media information file (.amx file).
- For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." →P.418

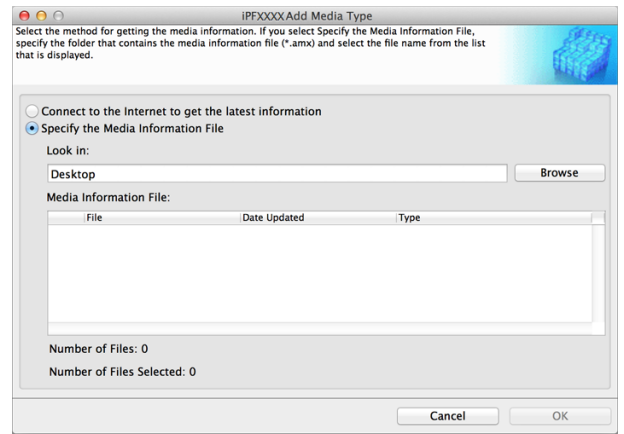
### If the Media Information File Does Not Download Automatically From the Internet

If the following message is displayed, configure the settings by using the following procedure.

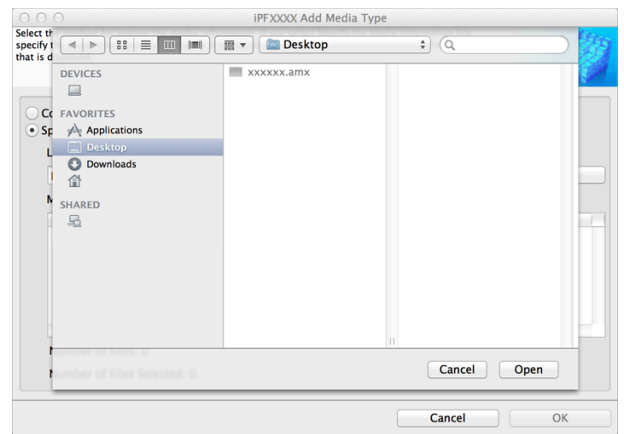


- Open a web browser on a computer that can access the Internet, and access the Canon website.
- Download the media information file (.amx file) corresponding to the printer to update from the Canon website.
- Copy the downloaded media information file (.amx file) to the computer where the Media Configuration Tool is installed.

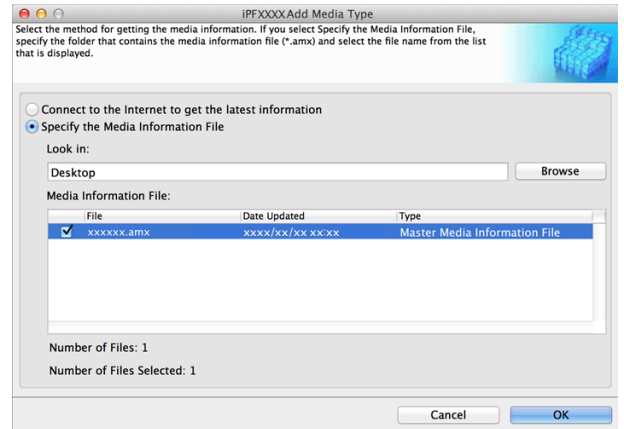
**4** Run the Media Configuration Tool, then select **Specify the Media Information File** and click the **Browse** button in the **Add Media Type** dialog box.



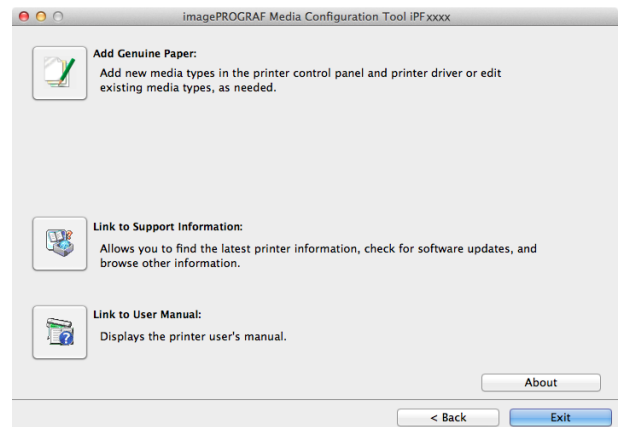
**5** Select the folder that contains the media information file (.amx file) you downloaded and click the **Open** button.



**6** The names of the media information files contained in the selected folder are displayed in the **Media Information File** field in the **Add Media Type** dialog box. Select the check box for the media information file name and click the **OK** button.

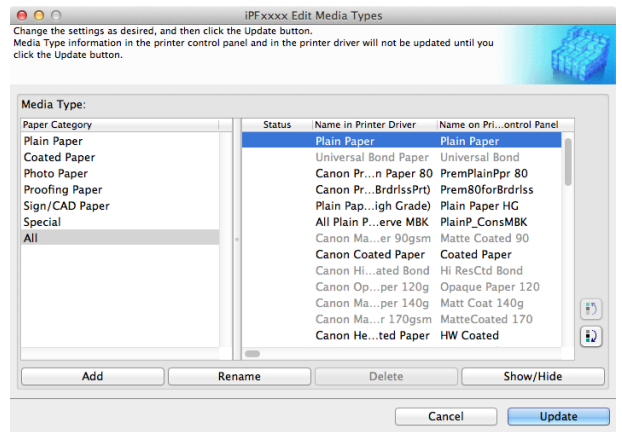


**7** The Media Configuration Tool main window is displayed. Click the **Add Genuine Paper** button.

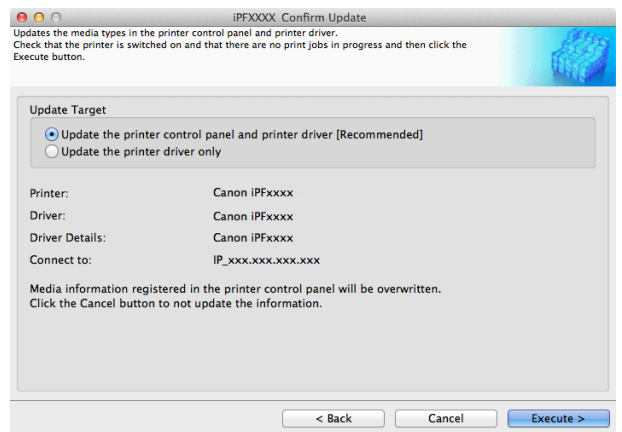




**8** In the **Edit Media Types** dialog box, click the **Update** button.



**9** The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.



**Note** • You should normally select **Update the printer control panel and printer driver**.

**10** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



**Note** • The media information is saved as a media information file (.amx file).  
• For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." →P.418

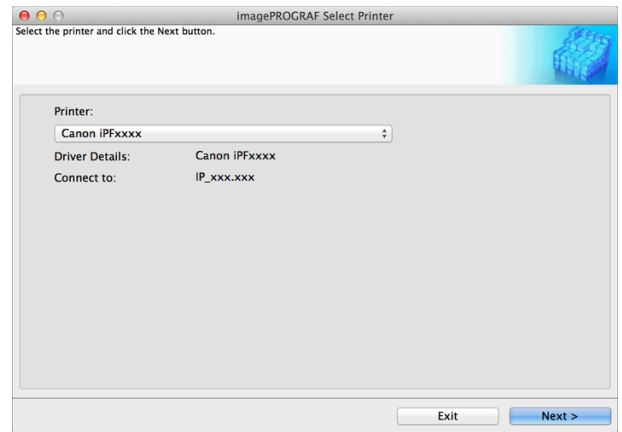
## Media Configuration Tool Main Window

The explanation below is on the Media Configuration Tool main window. Use the following procedure to open Media Configuration Tool main window.

**Important** • Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** From the **Applications** menu, select **Canon Utilities > imagePROGRAF Media Configuration Tool > CNWIMCT**.

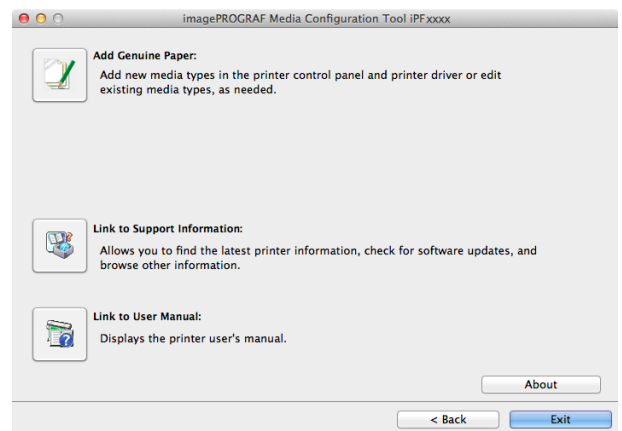
- 2** The **Select Printer** dialog box is displayed. Select the printer for which to configure the media information, and then click the **Next** button.



Note

- The printers for which the printer driver is installed are displayed. If the printer you want to configure is not displayed, check whether the printer driver for the target model is correctly installed.
- In the following screens, you cannot change the printer where media type information is to be updated.

The Media Configuration Tool main window is displayed.



Note

- If the **Add Media Type** dialog box is displayed at this point without the main window appearing, configure the setting by referring to **Updating Media Information After Installation** → P.399 .

- **Add Genuine Paper** button

When this button is clicked, the **Edit Media Types** dialog box is displayed, which allows you to add media information files released by Canon to the printer control panel and printer driver. You can also change names, toggle between displaying and hiding, and delete added media types.

You can also change the display order of the paper types.

Refer to "Editing Media Type Information for Genuine Paper and Feed Confirmed Paper" → P.405 for details on **Add Genuine Paper**.

- **Link to Support Information** button

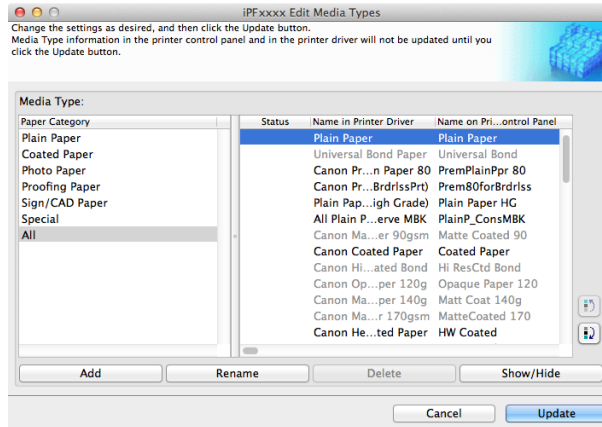
You can check information such as the latest information for the product and software version upgrade information.

- **Link to User Manual** Button

Displays the printer user's manual

## Editing Media Type Information for Genuine Paper and Feed Confirmed Paper

When adding genuine paper and feed confirmed paper to the printer control panel and printer driver and when editing media type information, click the **Add Genuine Paper** button in the Media Configuration Tool main window to open the **Edit Media Types** dialog box.



- For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." →P.403
- Paper that is displayed grayed out does not appear in the printer driver or printer control panel.

### • Add Button

To add genuine paper or feed confirmed paper to the printer control panel and printer driver, click this button. For details on the procedure for adding media types, see "Adding Media Types." →P.406

### • Rename Button

To change the name on the printer control panel and the name in the printer driver for genuine paper and feed confirmed paper, select the paper to change and click this button. For details on the procedure for changing paper display names, see "Changing Media Names." →P.410

### • Delete Button

To delete added genuine paper and feed confirmed paper from the printer control panel and printer driver, select the paper to delete and click this button. For details on the procedure for deleting added media types, see "Deleting Media Types You Have Added." →P.413

### • Show/Hide Button

To change whether or not genuine paper or feed confirmed paper is displayed in the printer control panel and printer driver, select the paper to change and click this button. For details on the procedure for changing whether or not to display media types, see "Switching Media Types Display Show/Hide." →P.414

### • Change Display Order button ( or )

To change the display order of a media type in the printer control panel and printer driver, select the paper to change and click this button. For details on the procedure for changing the display order of media types, see "Changing the Display Order of Media Types." →P.416



- When you update the media type information, perform the same update on all of the PCs that are using that printer.



- It may not be possible to deleting, showing/hiding, and changing the display order under some conditions.

## Adding Media Types

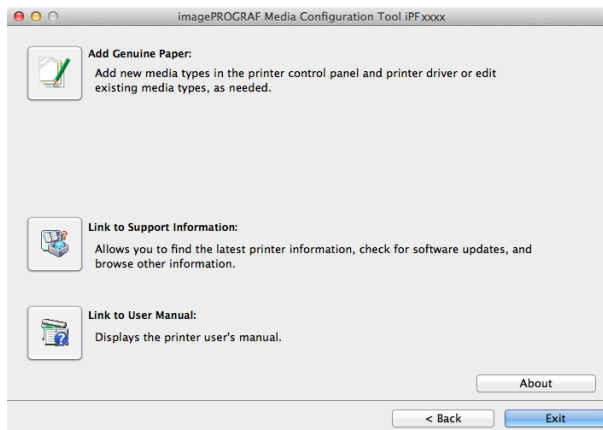
You can register media information files (.amx file) released by Canon in the printer control panel and printer driver.



**Important**

- Do not attempt to print or turn the printer off while the program is communicating with the printer.
- When you apply a media information file, the media type display order and other settings return to their default values. Reconfigure these settings again after applying the media information file.

**1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.

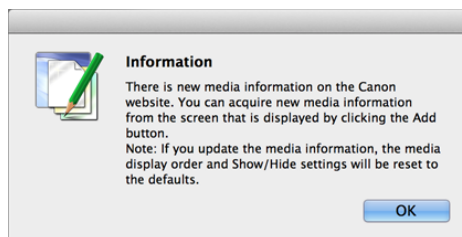


**Note**

- For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." → P.403
- If the **Add Media Type** dialog box is displayed after you select the printer without the main window appearing, configure the setting by referring to **Updating Media Information After Installation** → P.399 .

When a newer version of media information file than the media information file that is applied to your printer driver is released on the Canon website, the message on the right is displayed.

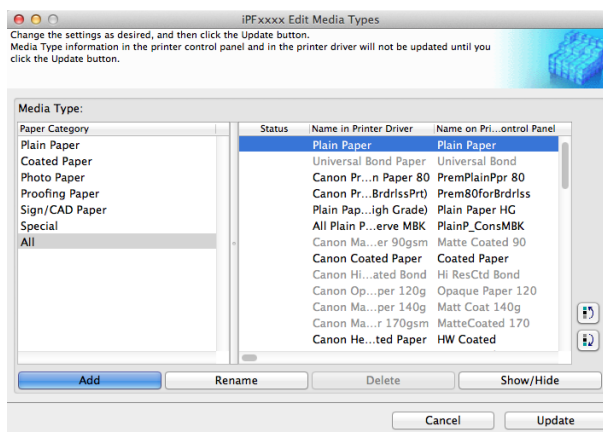
To update the media information, click the **OK** button.



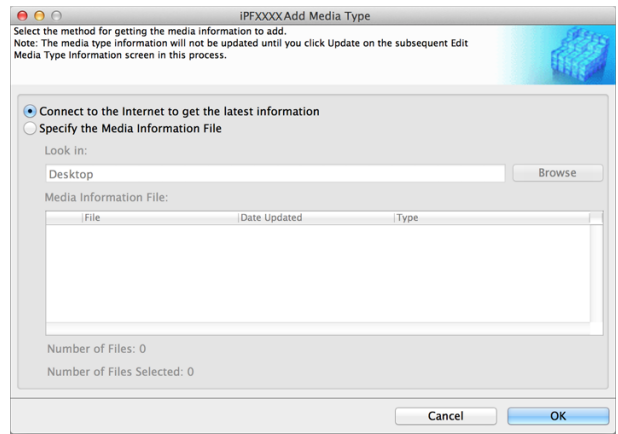
**Important**

- When you update the media information, the paper display order and **Show/Hide** settings return to their default values.

**2** The **Edit Media Types** dialog box is displayed. Click the **Add** button.



**3** Make sure that **Connect to the Internet to get the latest information** is selected, and then click the **OK** button.

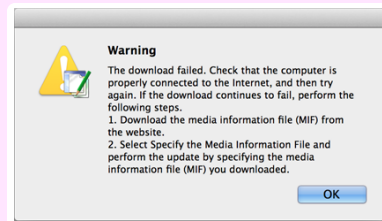
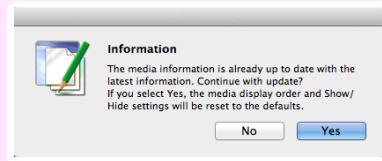


**Important**

- When you update the media information, the paper display order and **Show/Hide** settings return to their default values.
- If the message on the right is displayed at this time, the latest media information is already applied to your printer driver. There is normally no need to update.

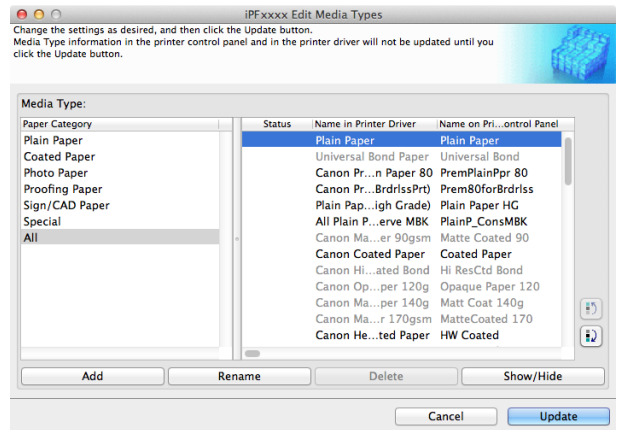
To exit without updating, click the **No** button. To continue with the update, click the **Yes** button.

- If the message on the right is displayed, the media information file cannot be downloaded automatically from the Internet. Configure the settings by referring to If the Media Information File Does Not Download Automatically From the Internet → P.408 .

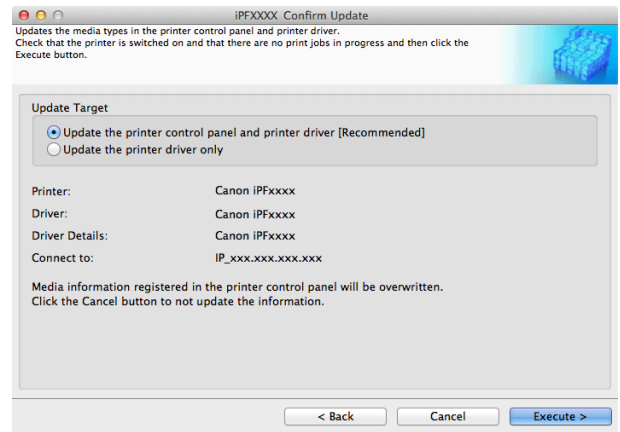


**4** Click **OK** when the confirmation message is displayed.

**5** In the **Edit Media Types** dialog box, click the **Update** button.



**6** The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.



You should normally select **Update the printer control panel and printer driver**.

Note

**7** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.

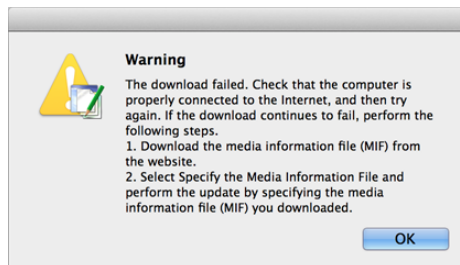


The media information is saved as a media information file (.amx file).  
 For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." →P.418

Note

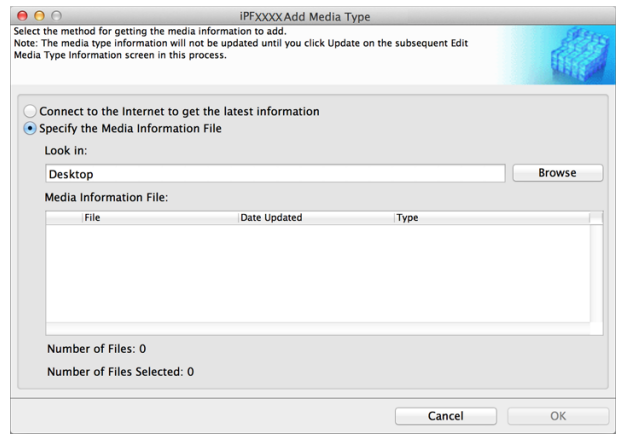
### If the Media Information File Does Not Download Automatically From the Internet

If the following message is displayed, configure the settings by using the following procedure.

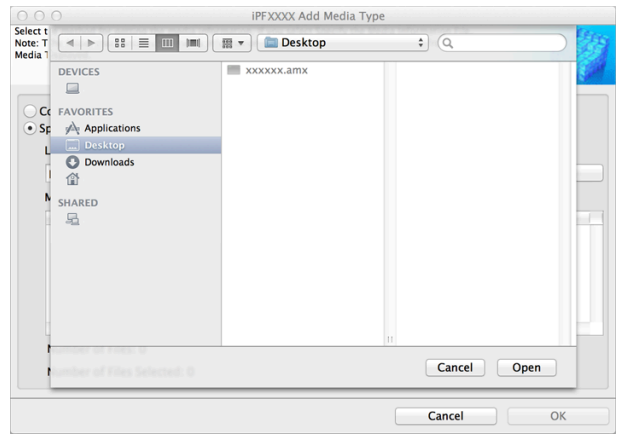


- 1** Open a web browser on a computer that can access the Internet, and access the Canon website.
- 2** Download the media information file (.amx file) corresponding to the printer to update from the Canon website.
- 3** Copy the downloaded media information file (.amx file) to the computer where the Media Configuration Tool is installed.
- 4** Run the Media Configuration Tool. Click the **Add Genuine Paper** button in the main window, and then click the **Add** button in the **Edit Media Types** dialog box.

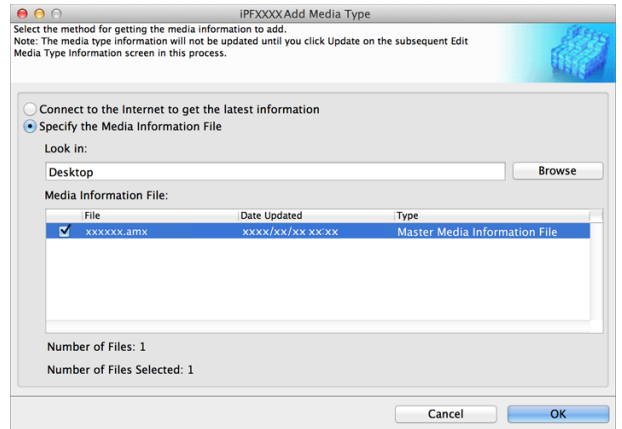
**5** Select **Specify the Media Information File** in the **Add Media Type** dialog box, and then click the **Browse** button.



**6** Select the folder that contains the media information file (.amx file) you downloaded and click the **Open** button.

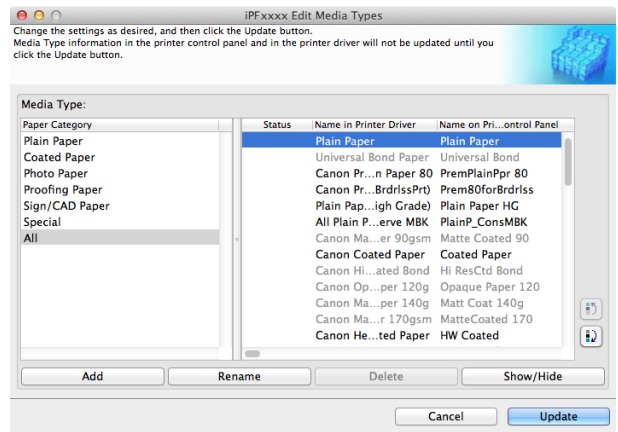


**7** The names of the media information files contained in the selected folder are displayed in the **Media Information File** field in the **Add Media Type** dialog box. Select the check box for the media information file name and click the **OK** button.

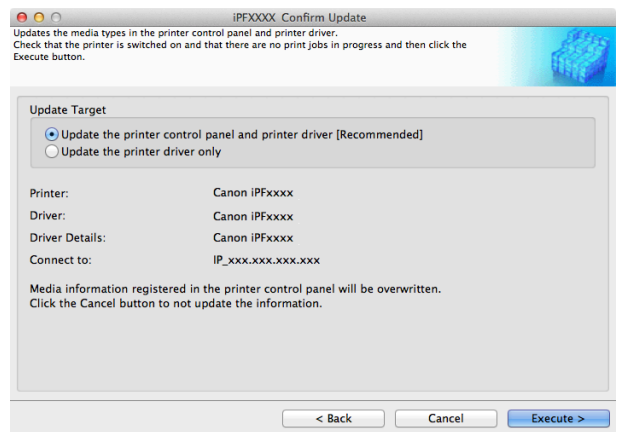


**8** Click **OK** when the confirmation message is displayed.

9 In the **Edit Media Types** dialog box, click the **Update** button.



10 The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.



• You should normally select **Update the printer control panel and printer driver**.

Note

11 The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



• The media information is saved as a media information file (.amx file).

Note • For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." →P.418

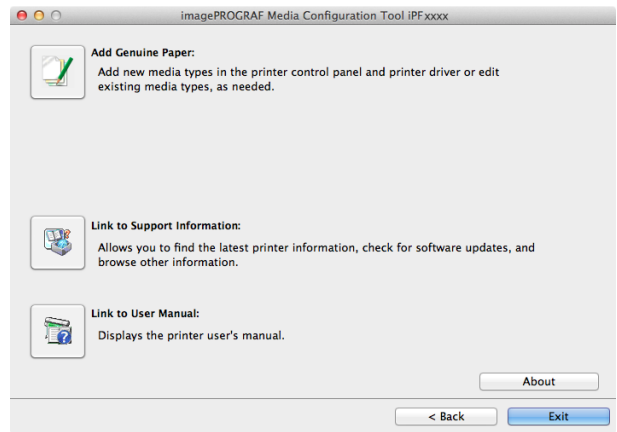
## Changing Media Names

• Do not attempt to print or turn the printer off while the program is communicating with the printer.

Important



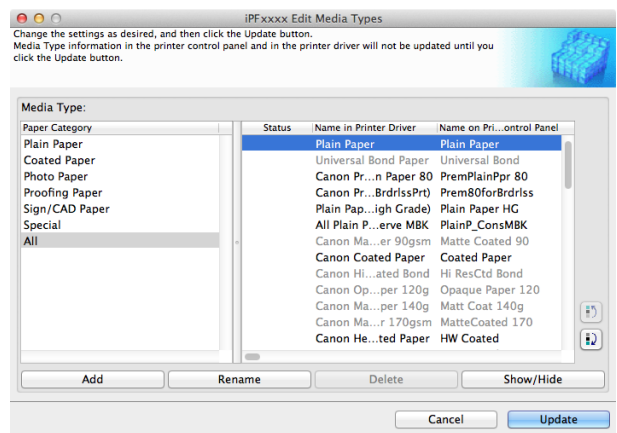
- 1 Click the **Add Genuine Paper** button in the Media Configuration Tool main window.



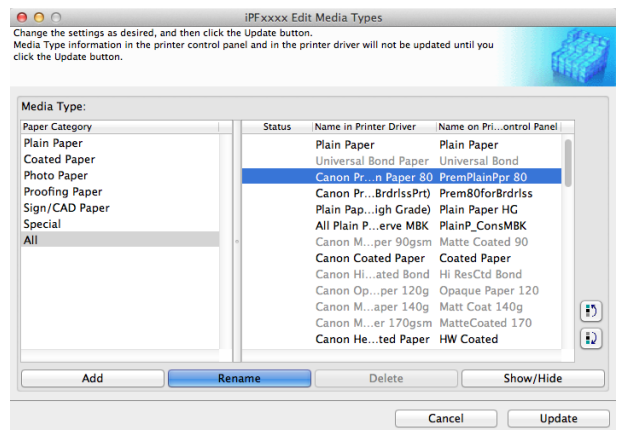
Note

- For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." → P.403

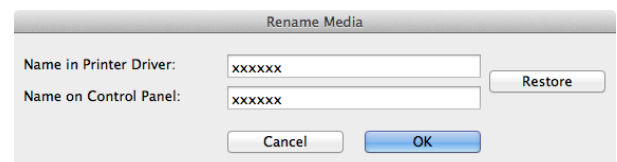
- 2 The **Edit Media Types** dialog box is displayed.



- 3 In the **Media Type** list, select the name to change. Click the **Rename** button.



- 4 The **Rename Media** dialog box is displayed. Edit the names in **Name in Printer Driver** and **Name on Control Panel** and click the **OK** button.



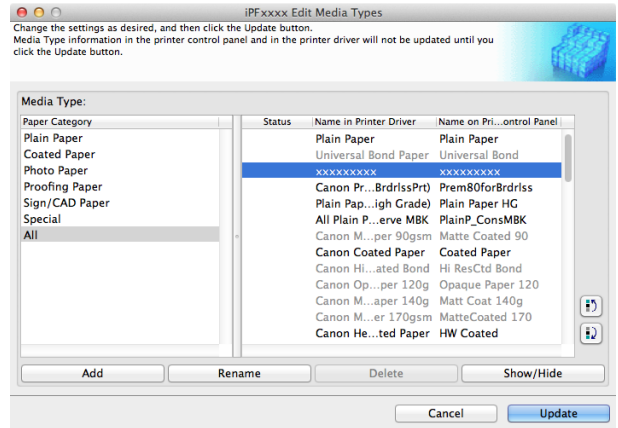


Note

- To restore the original names, click the **Restore** button.
- The characters that can be entered for **Name in Printer Driver** and **Name on Control Panel** are stated below.  
alphanumeric, space, "-", ".", "\_", "(", ")", "+", "%", ";", "/"
- For **Name in Printer Driver** up to 32 one Byte characters can be entered, and for **Name on Control Panel** up to 16 one Byte characters can be entered.

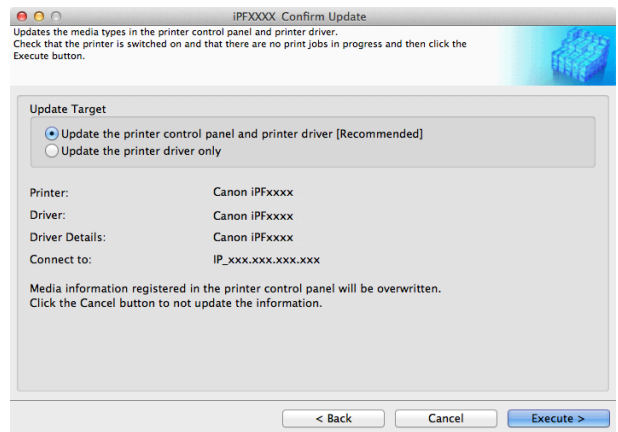
5

In the **Edit Media Types** dialog box, click the **Update** button.



6

The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button. The printer control panel and printer driver media information is updated.



Note

- You should normally select **Update the printer control panel and printer driver**.



Important

- When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.

7

The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



Note

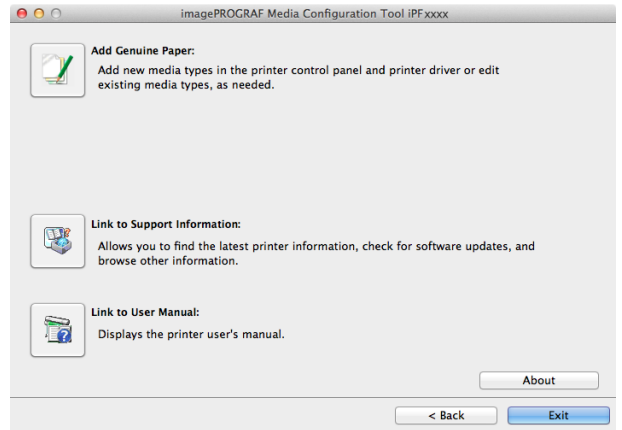
- The media information is saved as a media information file (.amx file).
- For the method for loading a saved media information file in another computer, see "**Applying a Saved Media Information File on Another Computer.**" →P.418

# Deleting Media Types You Have Added



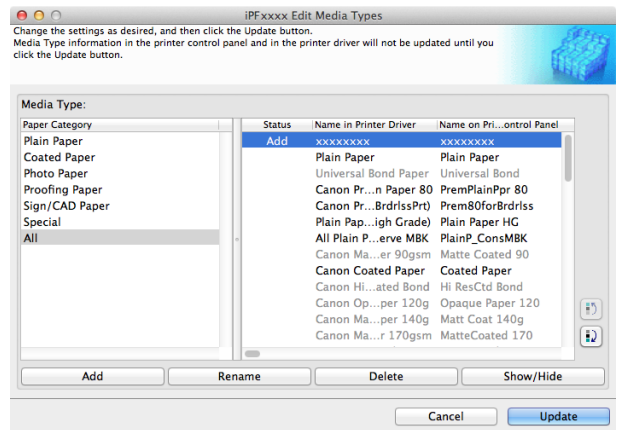
• Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.

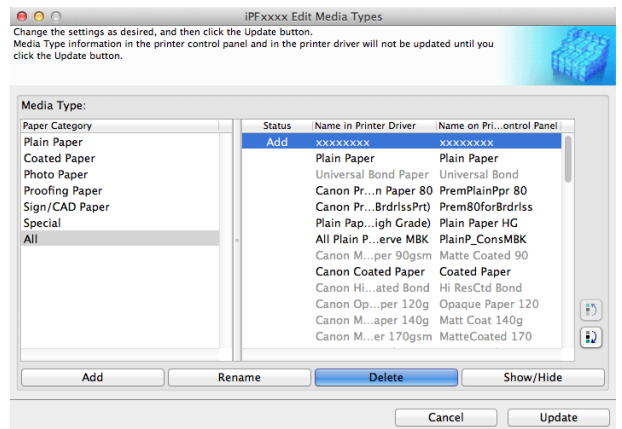


• For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." →P.403

**2** The **Edit Media Types** dialog box is displayed.

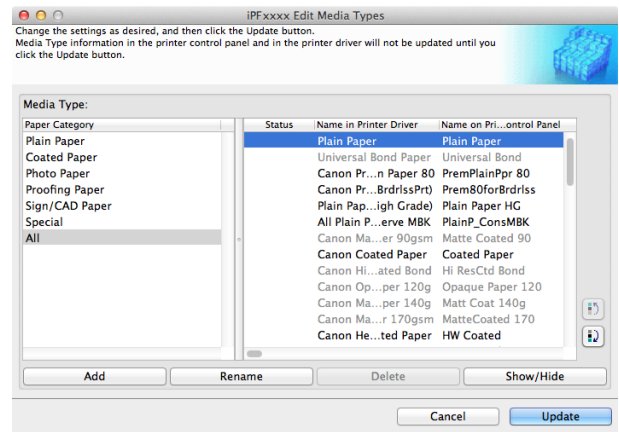


**3** In the **Media Type** list, select the name of the media to delete. Click the **Delete** button.

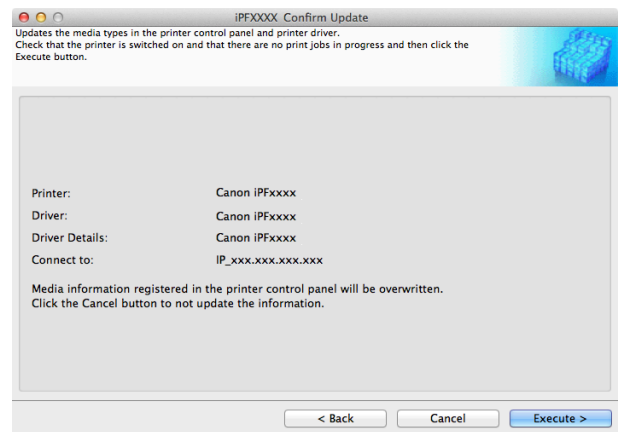


• Only paper for which **Status** in the **Media Type** is **Add** can be deleted.

**4** In the **Edit Media Types** dialog box, click the **Update** button.



**5** The **Confirm Update** dialog box is displayed. Configure Update Target and click the **Execute** button. The printer control panel and printer driver media information is updated.



**Important**

- When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.

**6** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



**Note**

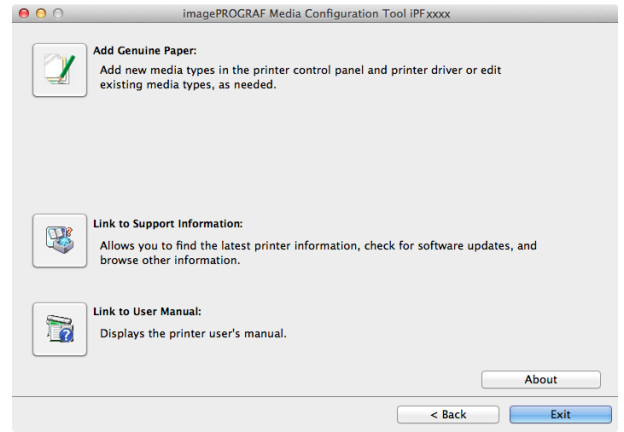
- The media information is saved as a media information file (.amx file).
- For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." →P.418

## Switching Media Types Display Show/Hide

**Important**

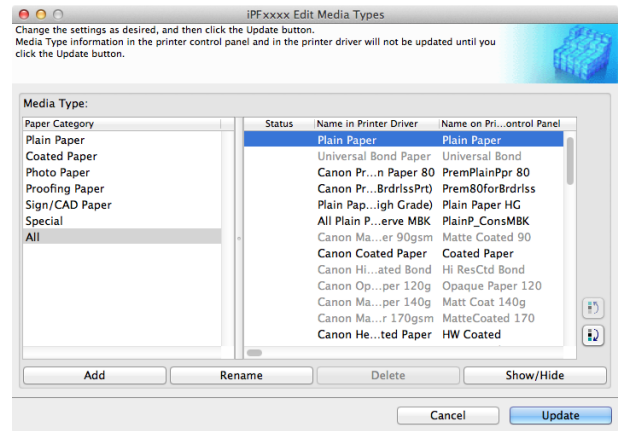
- Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.

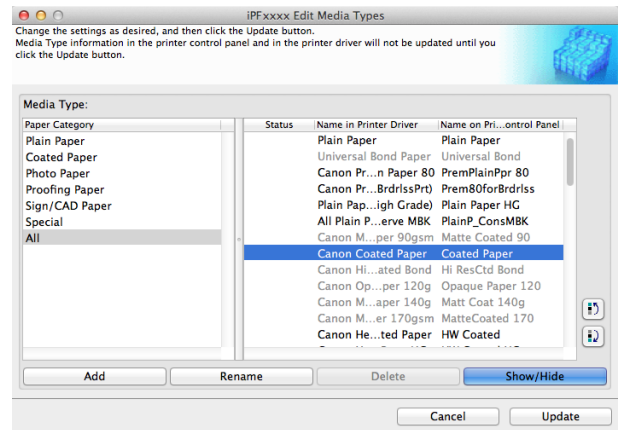


• For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." → P.403

**2** The **Edit Media Types** dialog box is displayed.

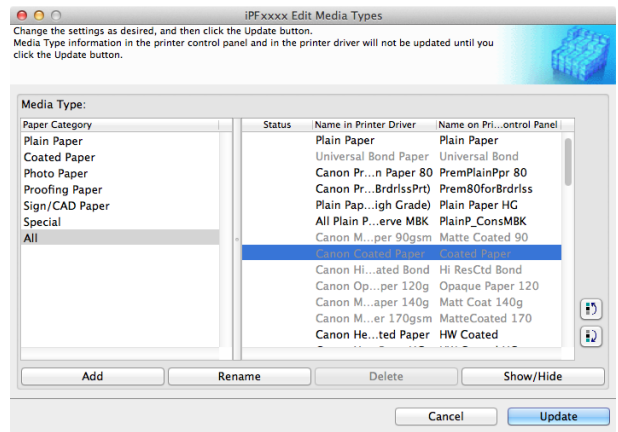


**3** In the **Media Type** list, select the name of the media to switch off or on for display. Click the **Show/Hide** button. The selected paper is alternately shown or hidden.

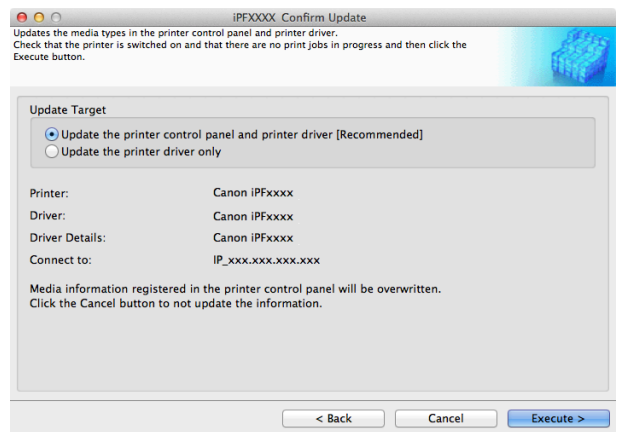



- You can select multiple paper.
- The names of media switched for non-display appear grayed out in the **Media Type** list.
- Each time you click the **Show/Hide** button, the display mode cycles from showing both the printer driver and printer panel, to hiding both the printer driver and printer panel, and then to showing only the printer panel.

**4** In the **Edit Media Types** dialog box, click the **Update** button.




**5** The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button. The printer control panel and printer driver media information is updated.



 **Note**


- You should normally select **Update the printer control panel and printer driver**.

 **Important**

- When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.


**6** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



 **Note**

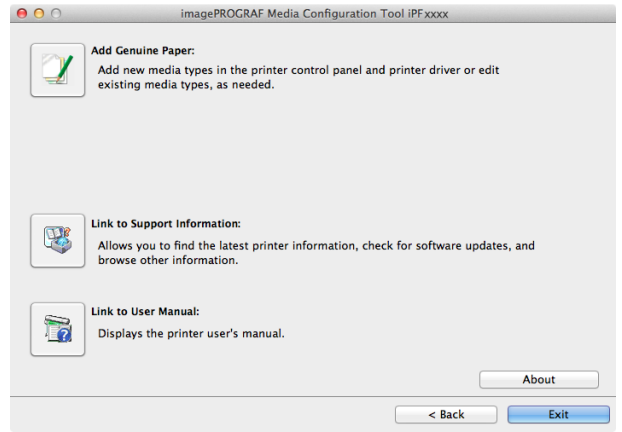
- The media information is saved as a media information file (.amx file).
- For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." [→P.418](#)

## Changing the Display Order of Media Types

 **Important**

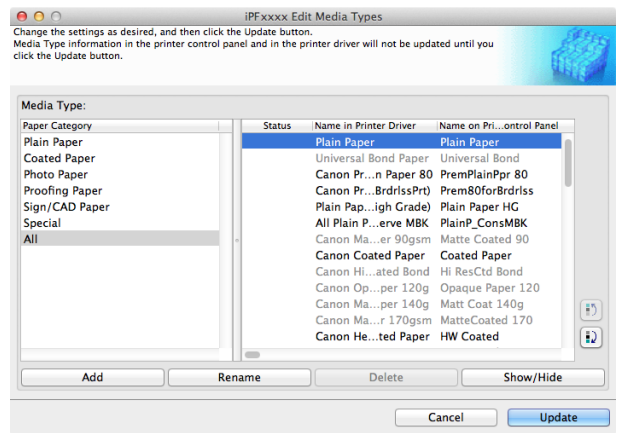
- Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** Click the **Add Genuine Paper** button in the Media Configuration Tool main window.





• For more information on the procedure for opening the Media Configuration Tool main window, see "Media Configuration Tool Main Window." →P.403

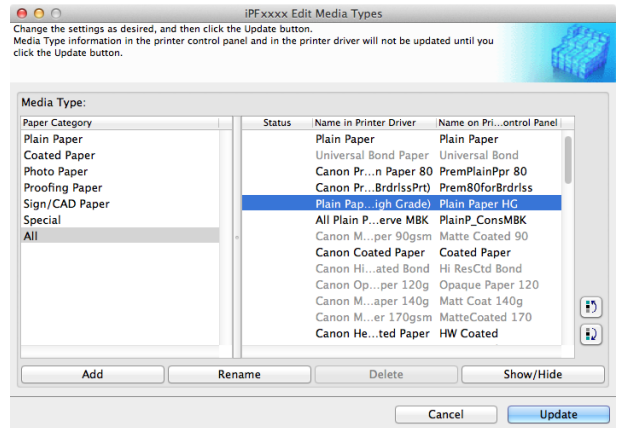
**2** The **Edit Media Types** dialog box is displayed.



**3** Select the paper in the **Media Type** list for which to change the display order, and then click the buttons

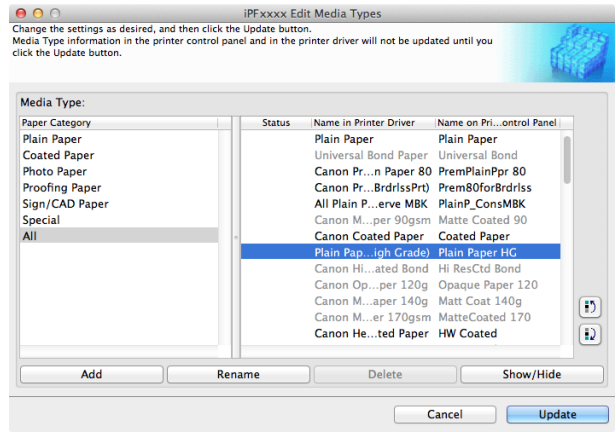
to move the item (  or  ).

The selected item moves one line up or down for every button click.

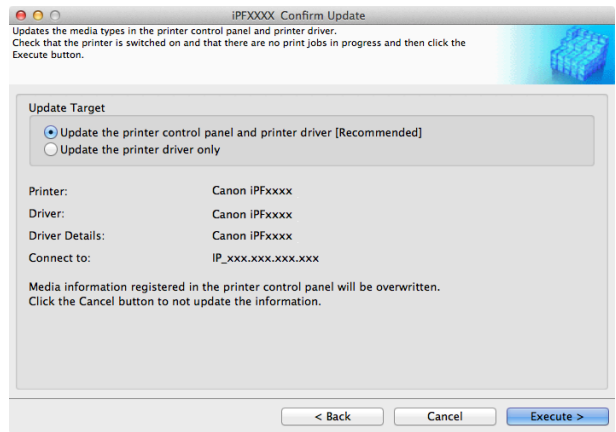




**4** In the **Edit Media Types** dialog box, click the **Update** button.



**5** The **Confirm Update** dialog box is displayed. Configure **Update Target** and click the **Execute** button. The printer control panel and printer driver media information is updated.



You should normally select **Update the printer control panel and printer driver**.



When setting a data to the printer that differs from the data to be updated, the selected media information file is updated. When you would like to remain the data that is set to the printer, click the **Cancel** button.

**6** The message on the right is displayed. If you want to save the current media information in a file, click the **Yes** button. If you do not want to save it, click the **No** button.



The media information is saved as a media information file (.amx file). For the method for loading a saved media information file in another computer, see "Applying a Saved Media Information File on Another Computer." →P.418

## Applying a Saved Media Information File on Another Computer

**418** You can import and use the media information file you saved from your computer on other printers and computer by using the following procedure.



Do not attempt to print or turn the printer off while the program is communicating with the printer.

**1** Copy the saved media information file (.amx) onto the other computer.



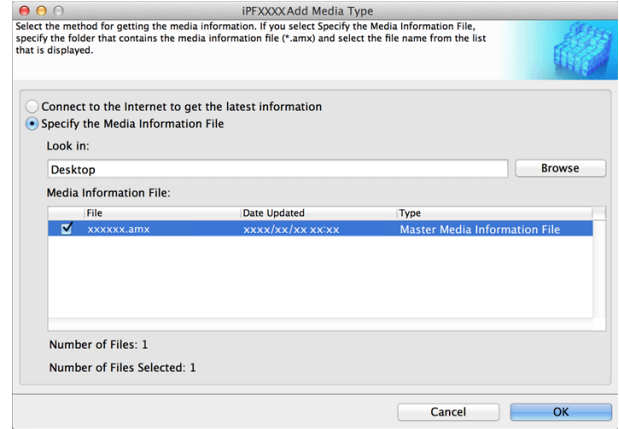
**2** Install and run the Media Configuration Tool on the other computer.

**3** Select the printer in the **Select Printer** dialog box, and then click the **Next** button.



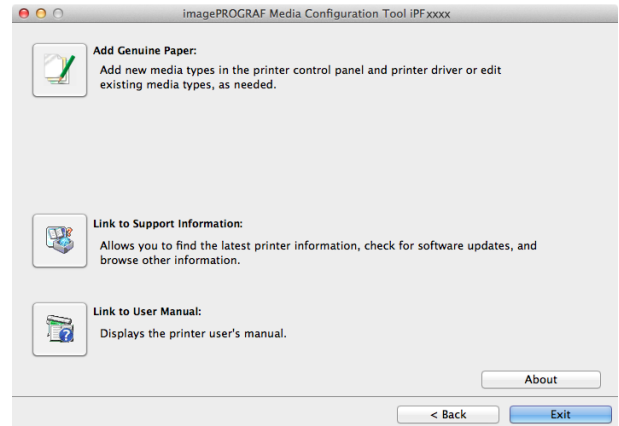
- Select the printer model that matches the media information file you are attempting to import.

**4** Select **Specify the Media Information File** in the **Add Media Type** dialog box, click the **Browse** button, and then specify the folder that contains the .amx file you copied. Select the check box for the media information file name and click the **OK** button.



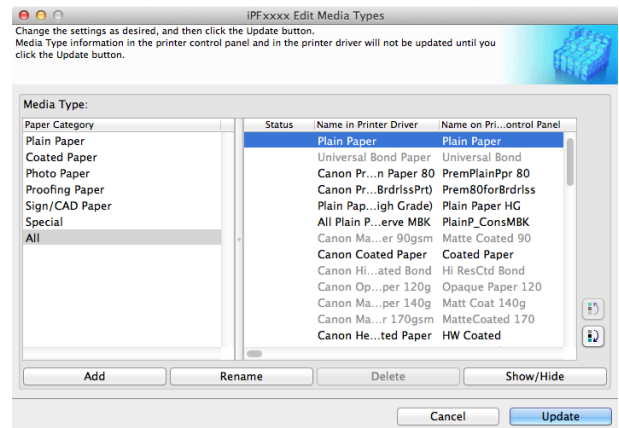
- If the Media Configuration Tool main window is displayed at this time, click the **Add Genuine Paper** button, and then click the **Add** button on the screen that opens.

**5** The Media Configuration Tool main window is displayed. Click the **Add Genuine Paper** button.

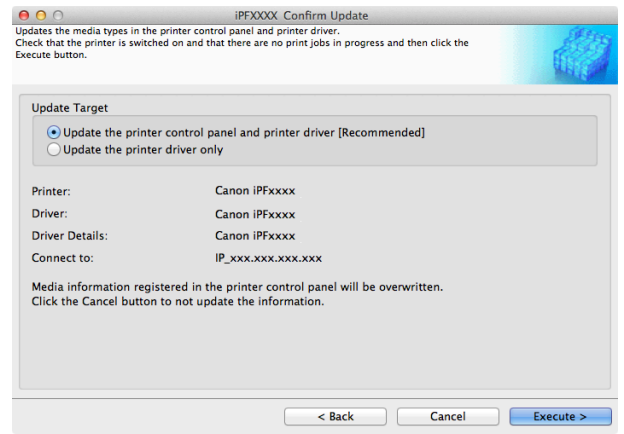


- If the **Edit Media Types** dialog box is displayed without the main window appearing, proceed to the following step.

**6** In the **Edit Media Types** dialog box, click the **Update** button.



**7** Configure Update Target and click the **Execute** button.



## Checking the update

After updating the media information using the Media Configuration Tool, you can check whether the update has been applied to the printer in the control panel of the printer.

- 1** Click the **About** button in the Media Configuration Tool main window to open the **About** dialog box.
- 2** Check the value **xx.xx (xxxx)** of **MIT DB Version**.
- 3** Check the value **xx.xx (xxxx)** of **MIT** in **Set./Adj. Menu > Printer Info > System Info** in the printer control panel.  
If the values in Steps 2 and 3 are the same, the update has been applied to the printer.

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319

## Control Panel

Operations and Display Screen .....	422
Printer Menu .....	431

Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

# Operations and Display Screen

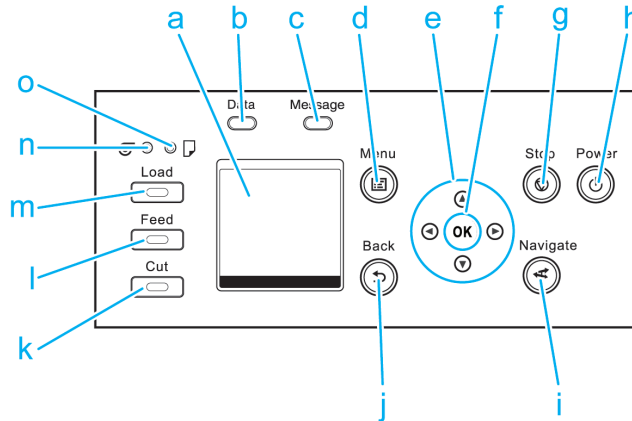
Control Panel ..... 422

Control Panel Display ..... 424

How to View Instructions With Navigate ..... 428

Checking Instructions During Printer Operations ..... 430

## Control Panel



### a Display Screen

Shows printer menus, as well as the printer status and messages.

### b Data Lamp (green)

#### • Flashing

During printing, the Data lamp flashes when the printer is receiving or processing print jobs. Otherwise, this lamp flashes when the print job is paused or the printer is updating the firmware.

#### • Off

There are no active print jobs when the Data lamp is off.

### c Message Lamp (orange)

#### • On

A warning message is displayed.

#### • Flashing

An error message is displayed.

#### • Off

The printer is off or is operating normally.

### d Menu button

Displays the **Tab Selection screen**. (See "Menu Settings.") →P.442

### e Arrow buttons

#### • ◀ button

Press this button on the **Tab Selection screen** to move to another tab.

In menu items requiring numerical input, press this button to move to another digit.

#### • ▲ button

Press this button in the menu to move to another item.

In menu items requiring numerical input, press this button to increment the number.

#### • ▶ button

Press this button on the **Tab Selection screen** to move to another tab.

In menu items requiring numerical input, press this button to move to another digit.


- **▼ button**

Press this button in the menu to move to another item.

In menu items requiring numerical input, press this button to decrement the number.

- f OK button**

Press this button on the **Tab Selection screen** to display the menu of the tab shown.

Pressing this button in menu items of each tab for which  is displayed at left will move to the lower level of the menu item, enabling you to execute menu commands or set menu values.

Also press this button if the Display Screen indicates to press the **OK** button.

- g Stop button**

Cancels print jobs in progress and ends the ink drying period.

- h Power button (green)**

Turns the printer on and off. (See "Turning the Printer On and Off.") [→P.17](#)

The **Power** button is lit when the printer is on or in Sleep mode.

- i Navigate button**

Enables you to check instructions for loading and removing paper or replacing ink tanks or printheads, as well as other operations. (See "How to View Instructions With Navigate.") [→P.428](#)

- j Back button**

Displays the screen before the current screen.

- k Cut button**

Pressing this button when rolls are loaded cuts the paper, if you have specified **Automatic** or **Eject in Cutting Mode** in the Control Panel menu. (See "Specifying the Cutting Method for Rolls.") [→P.344](#)

- l Feed button**

Pressing this button when rolls are loaded enables you to reposition the paper. (See "Feeding Roll Paper Manually.") [→P.341](#)

- m Load button**

Press this button when loading or replacing paper.

(See "Loading Rolls in the Printer.") [→P.333](#)

(See "Loading Sheets in the Printer.") [→P.353](#)

- n Roll Media lamp (green)**

Lit when rolls are selected as the paper source.

- o Cut Sheet lamp (green)**

Lit when sheets are selected as the paper source.



Note

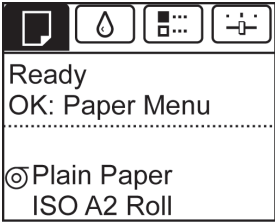
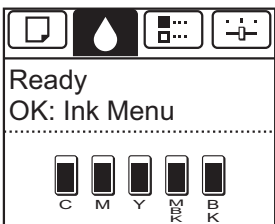

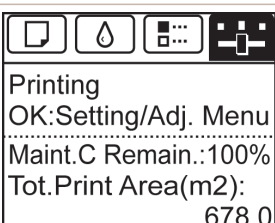
- In **Sleep** mode, any button can be pressed except the **Power** button to recover from **Sleep** mode.

## Control Panel Display

After the printer starts up, the **Tab Selection screen** is displayed. Each of the four tabs presents status, menus, and error information related to the particular tab.




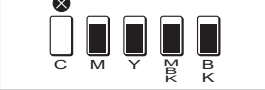
### Types of tabs

The **Tab Selection screen** presents four tabs. Each tab is represented by an icon in the top row. Press the ◀ or ▶ button to access other tabs.

<p>Paper tab</p> 	<p>A tab indicating status and showing menus related to paper. Pressing the <b>OK</b> button when this tab is highlighted will display the <b>Paper Menu</b>.</p> <ul style="list-style-type: none"> <li>• <b>Top line displayed</b> The paper icon is highlighted.</li> <li>• <b>Middle line displayed</b> Indicates the printer status and shows menu names.</li> <li>• <b>Bottom line displayed</b> Displays information about the paper.</li> </ul>
<p>Ink tab</p> 	<p>A tab indicating status and showing menus related to ink. Pressing the <b>OK</b> button when this tab is highlighted will display the <b>Ink Menu</b>.</p> <ul style="list-style-type: none"> <li>• <b>Top line displayed</b> The ink icon is highlighted.</li> <li>• <b>Middle line displayed</b> Indicates the printer status and shows menu names.</li> <li>• <b>Bottom line displayed</b> Here, the remaining ink level is indicated. (See "Checking Ink Tank Levels.") →P.575</li> </ul>
<p>Job tab</p> 	<p>A tab indicating status and showing menus related to print jobs. Pressing the <b>OK</b> button when this tab is highlighted will display the <b>Job Menu</b> menu.</p> <ul style="list-style-type: none"> <li>• <b>Top line displayed</b> The job icon is highlighted.</li> <li>• <b>Middle line displayed</b> Indicates the printer status and shows menu names.</li> </ul>
<p>Settings/Adj. tab</p> 	<p>A tab indicating status and showing menus related to settings and adjustment. Pressing the <b>OK</b> button when this tab is highlighted will display the <b>Set./Adj. Menu</b>.</p> <ul style="list-style-type: none"> <li>• <b>Top line displayed</b> The settings/adjustment icon is highlighted.</li> <li>• <b>Middle line displayed</b> Indicates the printer status and shows menu names.</li> <li>• <b>Bottom line displayed</b> The remaining Maintenance Cartridge capacity is shown on the first line and <b>Tot.Print Area</b> on the second. The display unit for <b>Tot.Print Area</b> can be specified in the <b>Length Unit</b> menu. (See "Menu Settings.") →P.442</li> </ul>

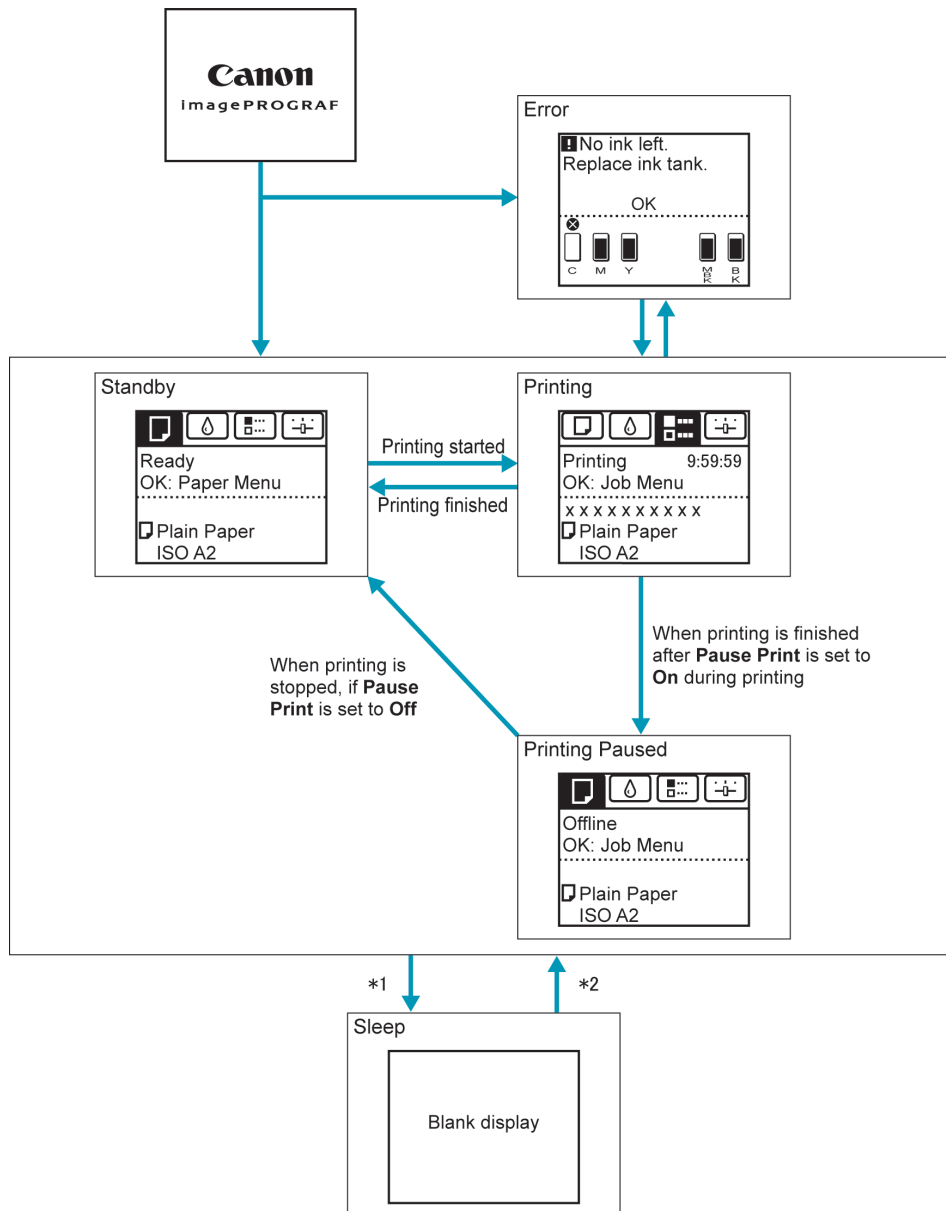
### Printer status and modes

The printer has the following status.

<p><b>Standby</b></p>  <p>Ready OK: Paper Menu</p> <hr/> <p>Plain Paper ISO A2 Roll</p>	<p>The printer is ready to receive jobs sent from the computer. Jobs sent from the computer are printed immediately.</p>
<p><b>Printing Paused</b></p>  <p>Offline OK: Job Menu</p>	<p>Printing is paused on the printer. Any jobs sent from the computer are held without being printed.</p>
<p><b>Printing</b></p>  <p>Printing 9:59:59 OK: Job Menu</p> <hr/> <p>x x x x x x x x x x Plain Paper ISO A2</p>	<p>The printer is printing a print job. When a print job is received from the computer, printing starts after the currently printing print job has printed. The time left until printing is finished is indicated in the upper-right corner in the middle line of the display (values exceeding 10 hours are not shown). The job name and the information about the paper of the currently printing job appear at the bottom line of the display.</p>
<p><b>Sleep</b></p> <p>Blank display</p>	<p>The printer is in power-saving mode. The printer automatically enters Sleep mode to conserve power when idle for a specific period (by default, five minutes), that is, if no print jobs are received or buttons are pressed while all covers are closed. You can specify the period before the printer enters <b>Sleep</b> mode in the <b>Sleep Timer</b> menu. (See "Menu Settings.") →P.442 After entering <b>Sleep</b> mode from <b>Standby</b> mode, the printer automatically recovers if print jobs are received, and the jobs are printed.</p>
<p><b>Off</b></p> <p>Blank display</p>	<p>The printer is not on. If no operations are performed on the printer for the duration of the time set in <b>Shut Down Timer</b> after entering Sleep mode, the printer automatically turns off. (See "Menu Settings.") →P.442</p>
<p><b>Error</b></p> <p>No ink left. Replace ink tank.</p> <p>OK</p> 	<p>The printer requires your attention. Any jobs sent from the computer cannot be processed. The tab related to the error is displayed. For information about the display in the case of multiple errors, see "Display Transitions in Error Status."</p>

## Display Transitions in Normal Status

The display transitions while the printer is in the normal status (the status where no errors have occurred) are shown below.



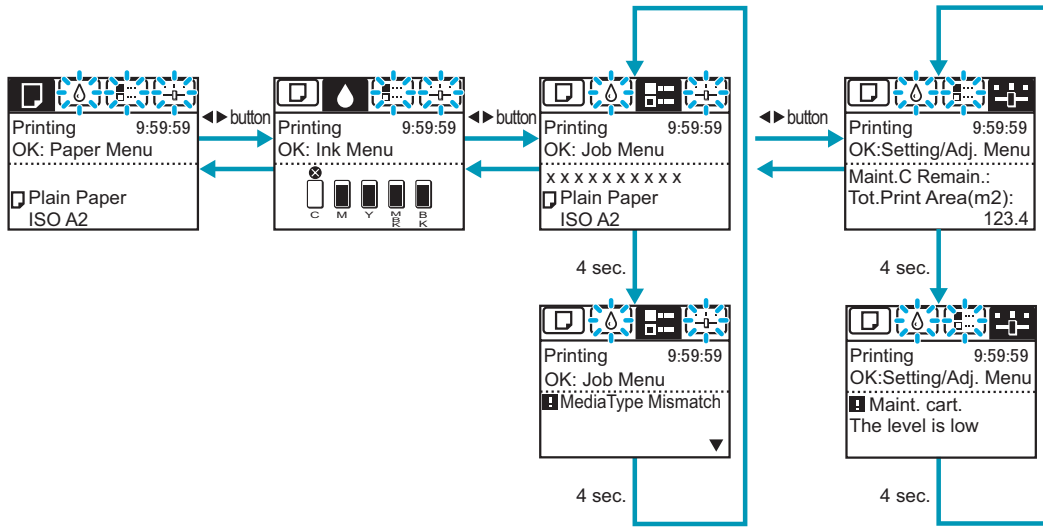
\*1: The printer automatically enters **Sleep** mode when idle for a specific period (by default, five minutes), that is, if no print jobs are received or buttons are pressed while all covers are closed. However, it does not enter **Sleep** mode while error messages are displayed or when a roll can be manually advanced by pressing the **Feed** button.

\*2: When the printer is in **Sleep** mode, you can press any button except the **Power** button to recover from **Sleep** mode. **Sleep** mode is also terminated if a print job is received or a command is issued from RemoteUI.



### Display Transitions in Error Status

The display transitions while an error has occurred on the printer are shown below. If multiple errors have occurred, the tabs for errors that have occurred other than the currently displayed error are displayed flashing. You can move between the tabs by pressing the ◀ and ▶ keys. If multiple errors have occurred in the Job tab and Settings/Adj. tab, the error message switches every four seconds within each tab.



## How to View Instructions With Navigate

You can refer to instructions for loading paper, replacing ink tanks, and performing other operations on the printer control panel.



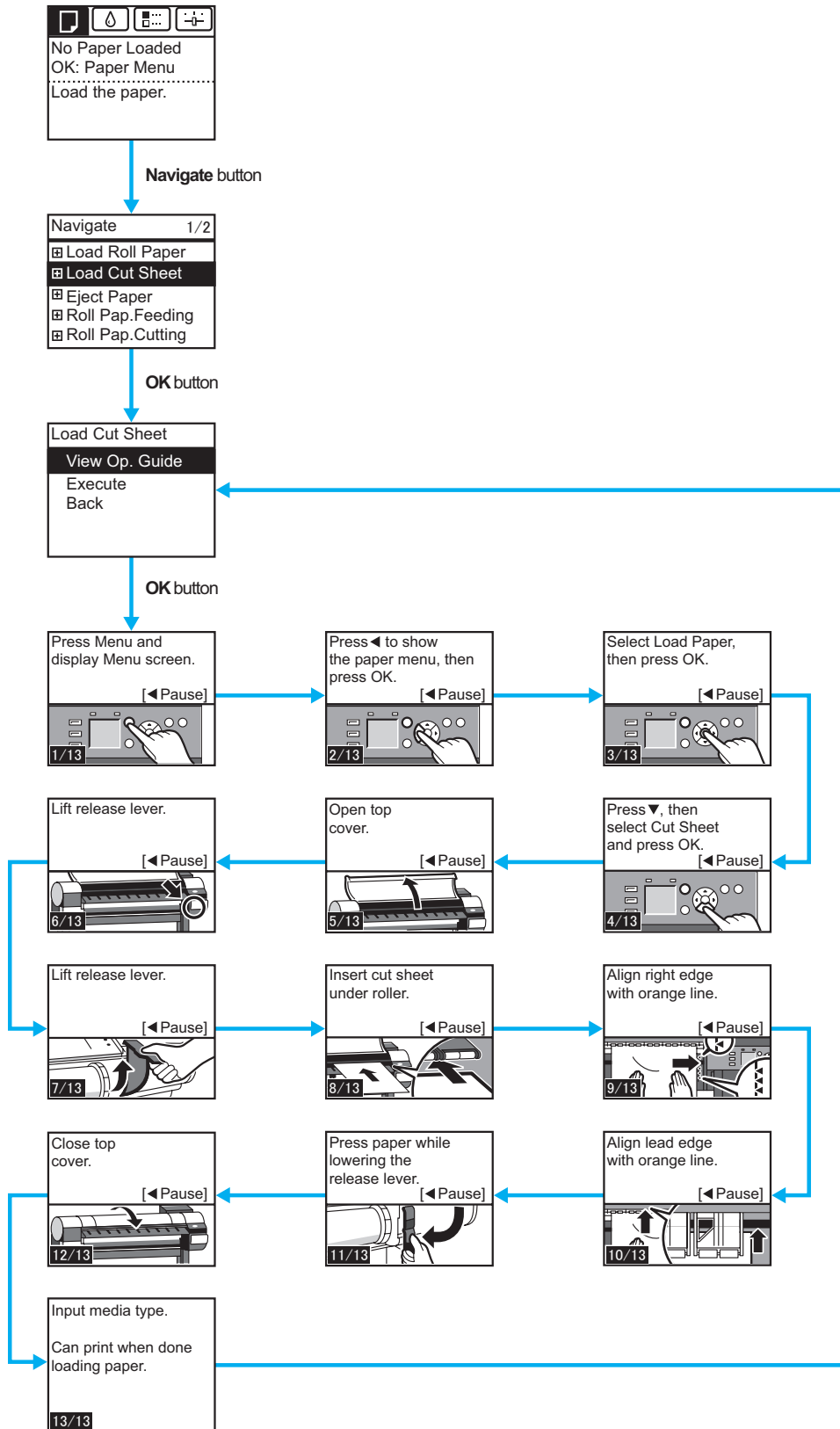
Note

- If the **Control panel access lock** is set, the navigation menu does not appear if you press the **Navigate** button. Contact the printer administrator.

(See "Setting Control panel access lock." → P.458)

- 1** Press the **Navigate** button.
- 2** Press **▲** or **▼** to select the desired navigation menu.
- 3** Press **▲** or **▼** to select **View Op. Guide**, and then press the **OK** button. Instructions are now displayed.

Example: Loading sheets



## Checking Instructions During Printer Operations

You can refer to instructions on the printer control panel when loading paper, replacing ink tanks, or performing other operations.

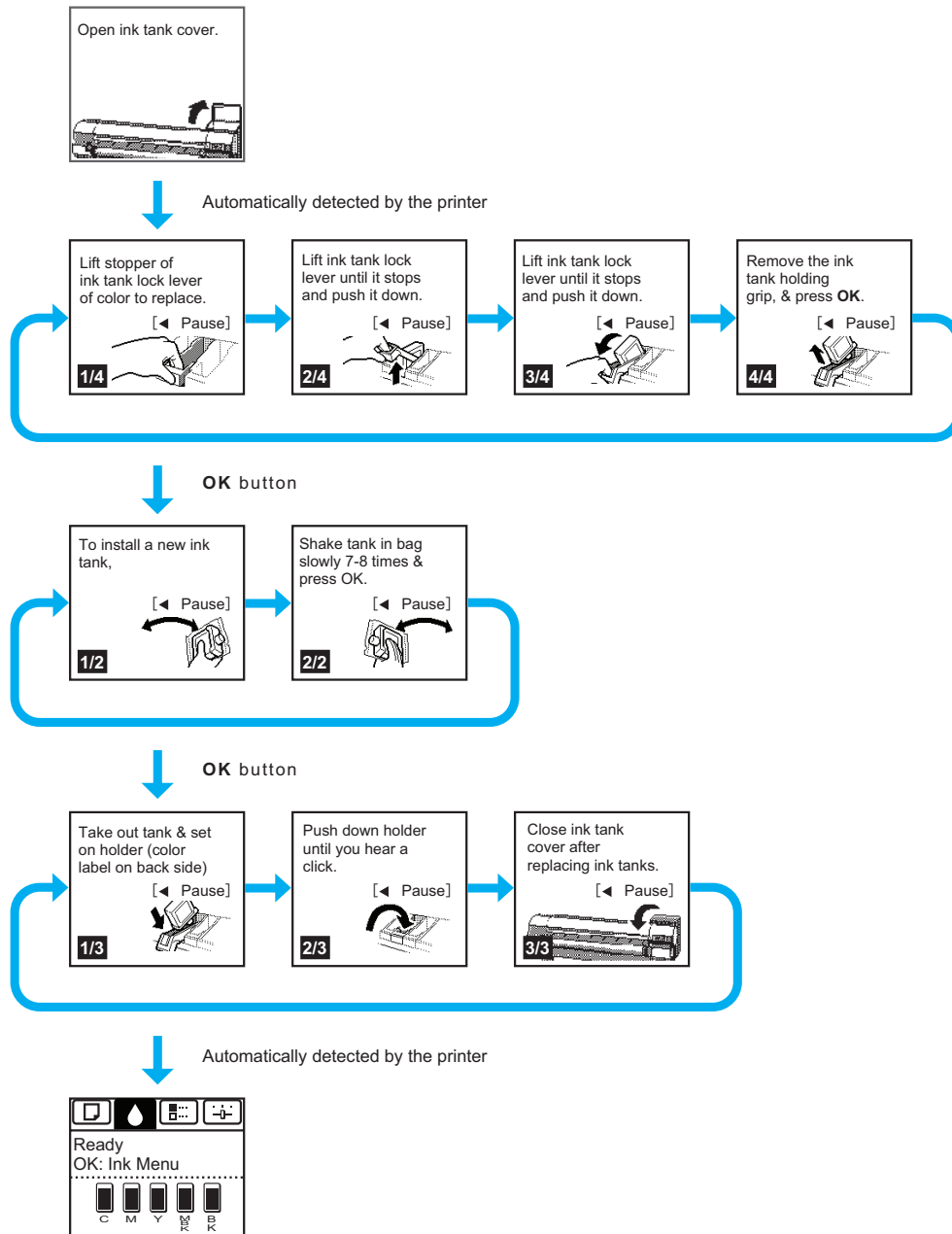
### How to view instructions

Once you complete an action described in the instructions, the printer detects the action and switches to the next instruction screen.

In the case of actions the printer cannot detect, instruction screens are switched every four seconds, and the sequence of operations is shown repeatedly.

When all actions in the sequence are finished, the instruction screen for the next step is displayed.

Example: Ink tank replacement



- During a continuous display of instructions, you can press the ◀ button to pause the instructions on the current screen. Press the ◀ or ▶ button to display the previous or next screens. If you do not press the ◀ or ▶ button within 30 seconds, continuous display is resumed. Press the OK button to display the instruction screen for the next step.

# Printer Menu

- Printer Menu Operations ..... 431
- Menu Operations ..... 432
- Menu Structure ..... 435
- Menu Settings ..... 442
- Status Print ..... 453
- Printing Interface Setting Reports ..... 456
- Setting Control panel access lock ..... 458

## Printer Menu Operations

The printer menu is classified into regular menu items available when no print job is in progress and menu during printing items only available while printing is in progress.

- Regular menu operations →P.431
- Menu operations during printing →P.431

### Regular menu operations

To view available menus organized on tabs, select a tab on the **Tab Selection screen** and press the **OK** button.



- If the **Tab Selection screen** is not displayed, pressing **OK** will not display menus. Menus can be selected after you resolve the problem.
- If the **Control panel access lock** is set, pressing **OK** button will not display menus. Contact the printer administrator. (See "Setting Control panel access lock.") →P.458

The following operations are available from the menu.

- **Paper Menu**  
Paper menu settings
- **Ink Menu**  
Ink menu operations
- **Job Menu**  
Menu operations to manage print jobs
- **Set./Adj. Menu**  
Menu operations for printer adjustment and maintenance

For a description of specific menu items available, see "**Menu Settings.**" →P.442

For instructions on selecting menu items, see "**Menu Operations.**" →P.432



- By default, menu settings apply to all print jobs. However, for settings that are also available in the printer driver, the values specified in the printer driver take priority.

### Menu operations during printing

During printing, only a limited set of menu items are displayed. Menu items that are not displayed during printing should be operated after printing has finished.

To display menus during printing, select a tab on the **Tab Selection screen** on the Control Panel, and then press the **OK** button.



- If the **Tab Selection screen** is not displayed, pressing **OK** will not display menus. Menus can be selected after you resolve the problem.
- If the **Control panel access lock** is set, pressing **OK** button will not display menus. Contact the printer administrator. (See "Setting Control panel access lock.") →P.458

The following operations are available from the menu during printing.

- **Ink Menu**  
Ink menu operations
- **Job Menu**  
Menu operations to manage print jobs
- **Set./Adj. Menu**  
Fine-tuning paper feeding  
Display of printer-related information

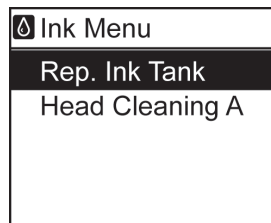
For a description of specific menu items available, see "Menu Settings." →P.442

For instructions on selecting menu items during printing, see "Menu Operations." →P.432

## Menu Operations

To view available menus organized on tabs, select a tab on the **Tab Selection screen** and press the **OK** button. For details, see "Menu Settings." →P.442

- Menus (when the Ink tab is selected and the **OK** button is pressed)



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

Simply press buttons on the Control Panel to access menus on various tabs from the **Tab Selection screen** and set or execute **Menu** items.

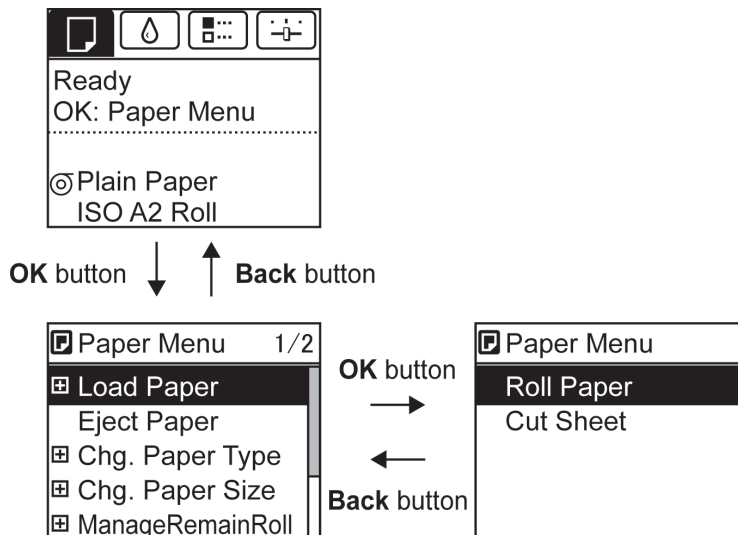
The following section describes menu operations.

- Accessing menus →P.432
- Specifying menu items →P.433
- Specifying numerical values →P.434
- Executing menu commands →P.434

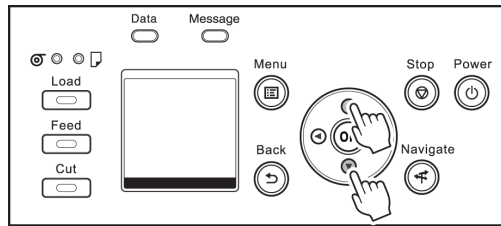
### Accessing menus

Printer menus are grouped by function.

Menus are displayed with the upper line selected. You can use the buttons on the Control Panel to access each menu.

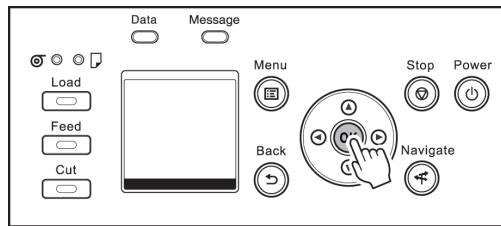


- Press **Back** to access a higher menu in the menu list, and press **OK** to access a lower one. If not all menu items are displayed, hold down **▲** or **▼** to scroll through higher and lower menu items. Items you select are highlighted.



The scroll bar at right indicates the current position in the overall menu.

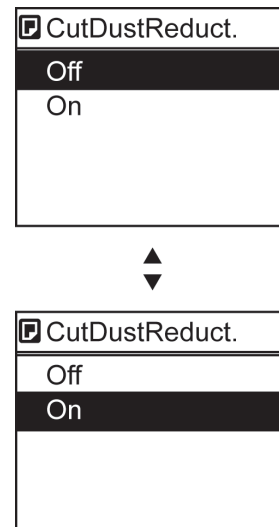
- Lower menus are available if **+** is displayed at left next to the second and subsequent rows. To access the lower menus, select the menu and press the **OK** button.



### Specifying menu items

Menu items can be set as follows.

- 1 Press **▲** or **▼** to select the desired setting, and then press the **OK** button. After two seconds, the display reverts to the upper level menu.



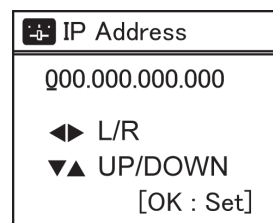
Note

- If a confirmation message is displayed regarding the setting you entered, follow the on-screen instructions.
- If you have changed the **Interface Setup** menu settings, a message confirming whether to register the settings is displayed if you press **Back** button or **Menu** button. Follow the instructions shown on the screen.

## Specifying numerical values

Follow these steps to enter numbers. In this example, network settings items are entered.

- 1 Press the ◀ or ▶ button to move to the next field for input.



- 2 Press the ▲ or ▼ button to enter the value.



Note

- Hold down ▲ or ▼ to increase or decrease the value continuously.

- 3 Repeat steps 1 and 2 to complete the settings, and then press the **OK** button.



Note

- If a confirmation message is displayed regarding the setting you entered, follow the on-screen instructions.
- If you have changed the **Interface Setup** menu settings, a message confirming whether to register the settings is displayed if you press **Back** button or **Menu** button. Follow the instructions shown on the screen.

## Executing menu commands

Menu commands can be executed as follows.

- 1 Press ▲ or ▼ to select the action to execute, and then press the **OK** button.  
The menu command is now executed.



## Menu Structure

The menu structure is shown categorized by tab. The \* on the right side of an item indicates the default value. The printer menu is classified into regular menu items available when no print job is in progress and menu during printing items only available while printing is in progress. see "Printer Menu Operations." →P.431

Regular menu	Menu during printing
Paper Menu	Not displayed
Ink Menu	The same  Ink Menu as normal is displayed.
Job Menu	The same  Job Menu as normal is displayed.
Set./Adj. Menu	A limited  Set./Adj. Menu containing the following items is displayed. <ul style="list-style-type: none"> <li>• Adj. Fine Feed(*1)</li> <li>• Printer Info</li> </ul>

\*1: Only displayed in the menu during printing. Not displayed in the regular menu.

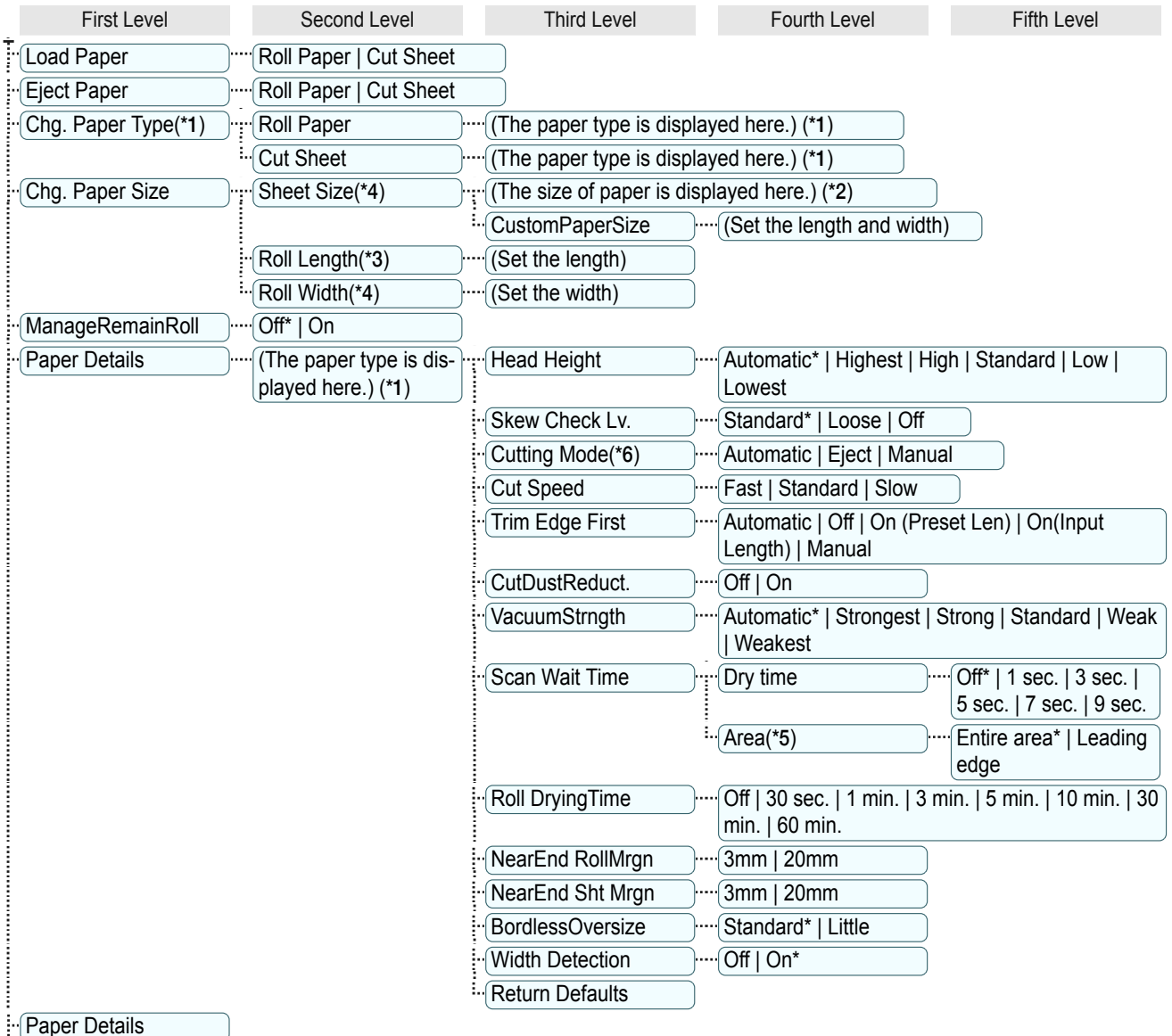
For instructions on menu operations, see "Menu Operations." →P.432

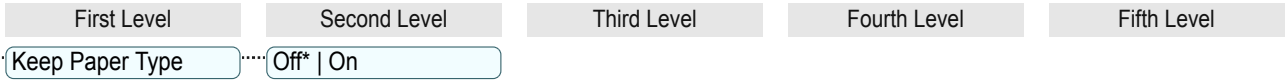
For details on menu items, see "Menu Settings." →P.442

Menus may change according to the optional products in use.

### Paper Menu

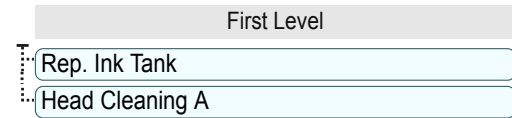
The Paper Menu is not displayed during printing.



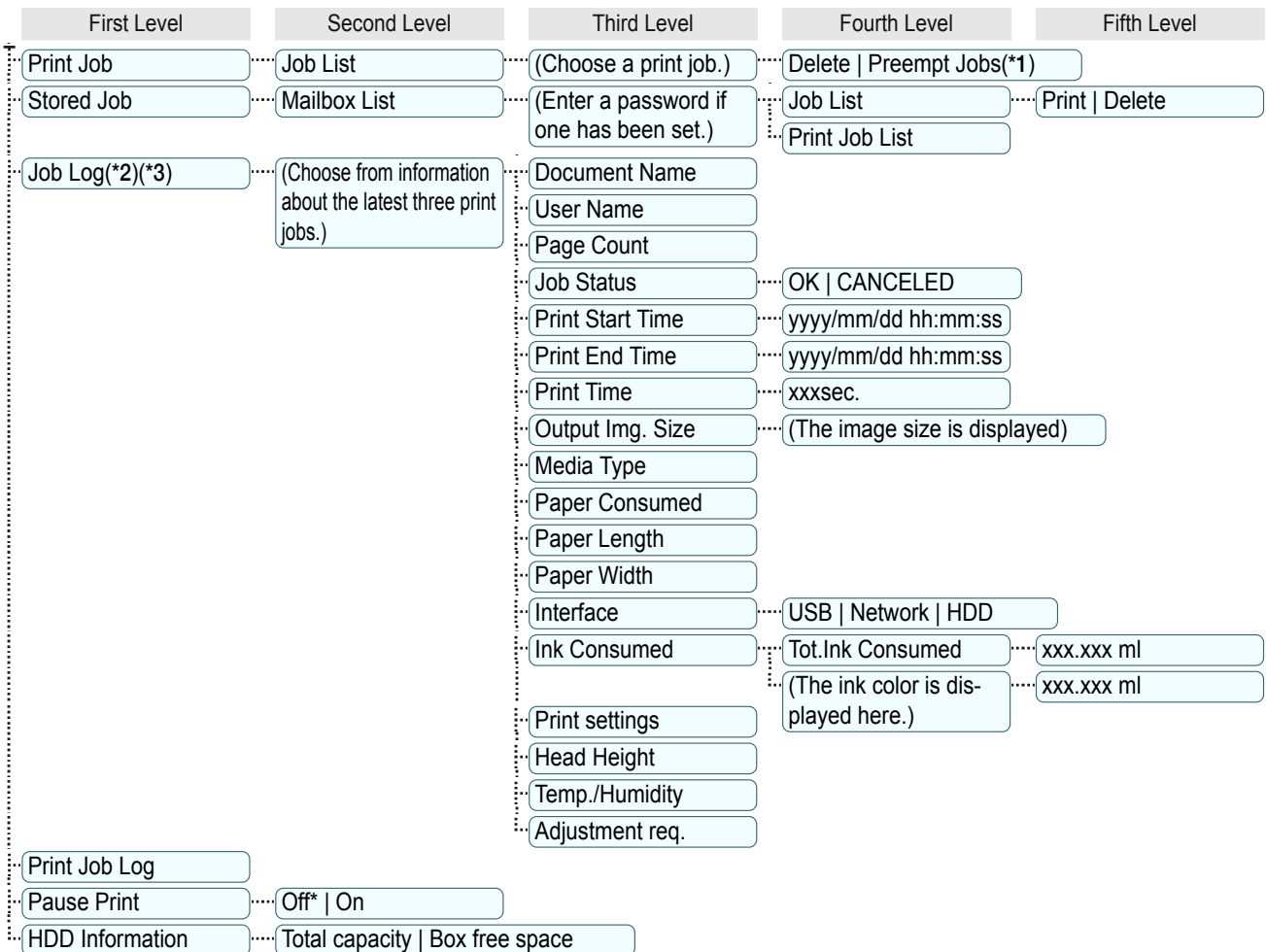


- \*1:For information on the types of paper the printer supports, refer to the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide.") →P.323 Types of paper in the printer driver and related software (as well as on the Control Panel ) are updated when you install the printer driver from the User Software CD-ROM or if you update paper information with the Media Configuration Tool. (See "Updating paper information.") →P.326
- \*2:For information on the sizes of paper the printer supports, see "Paper Sizes." →P.320
- \*3:Available only if **ManageRemainRoll** is **On**.
- \*4:Available only if **Width Detection** is **Off**.
- \*5:**Leading edge** is not available as a setting option in the **Paper Detailed Settings** dialog box of the printer driver.
- \*6:see "Specifying the Cutting Method for Rolls." →P.344

### Ink Menu



### Job Menu



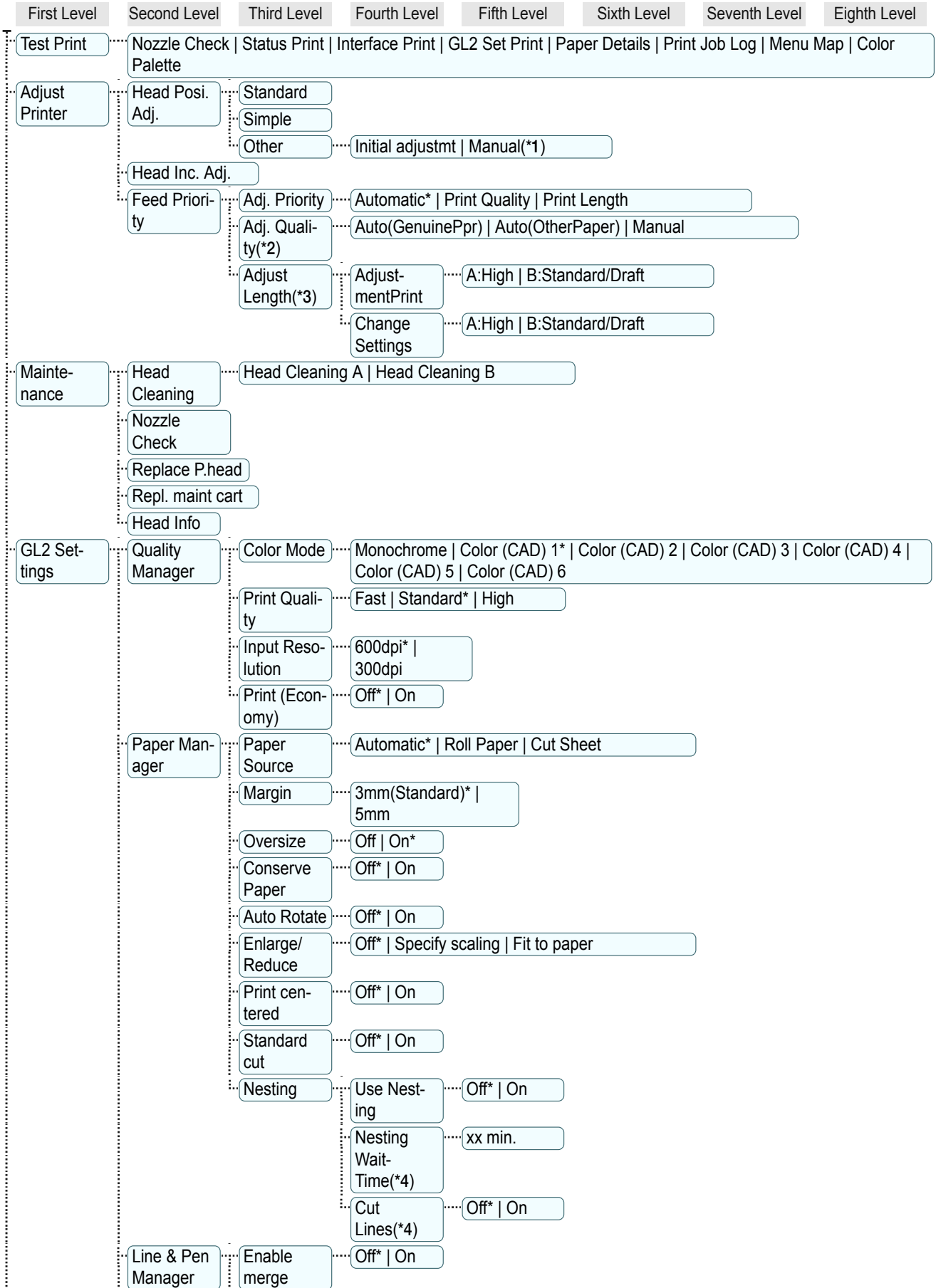
- \*1:If a pending job is selected, **Print Anyway** is displayed.
- \*2:This is displayed when **Show Job Log** is **On** in **System Setup**.
- \*3:Even if **Show Job Log** is **Off** in **System Setup**, it is displayed if a password is configured in **Change Password** in the **Admin. Menu** and the password has been authenticated.

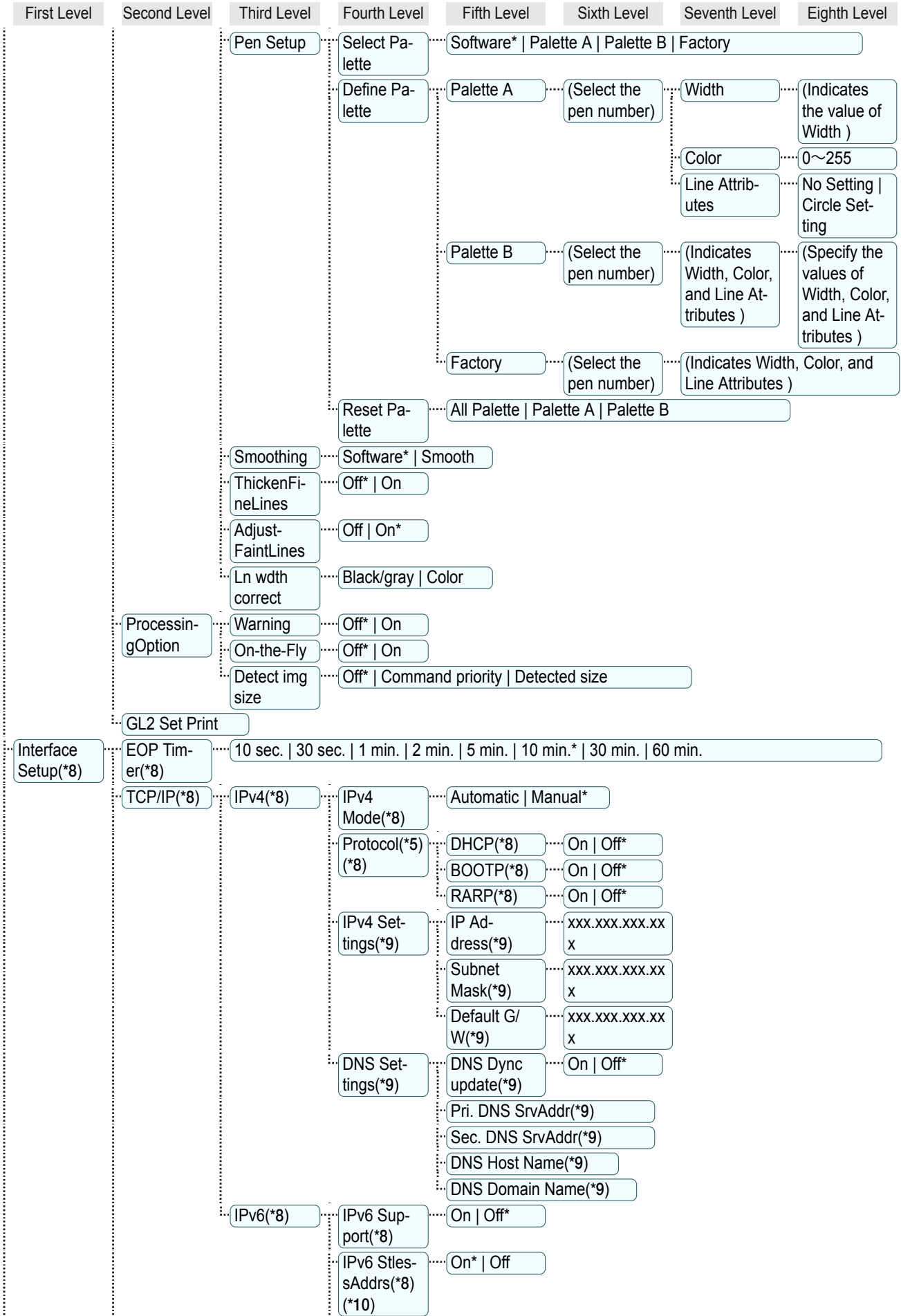
Control Panel

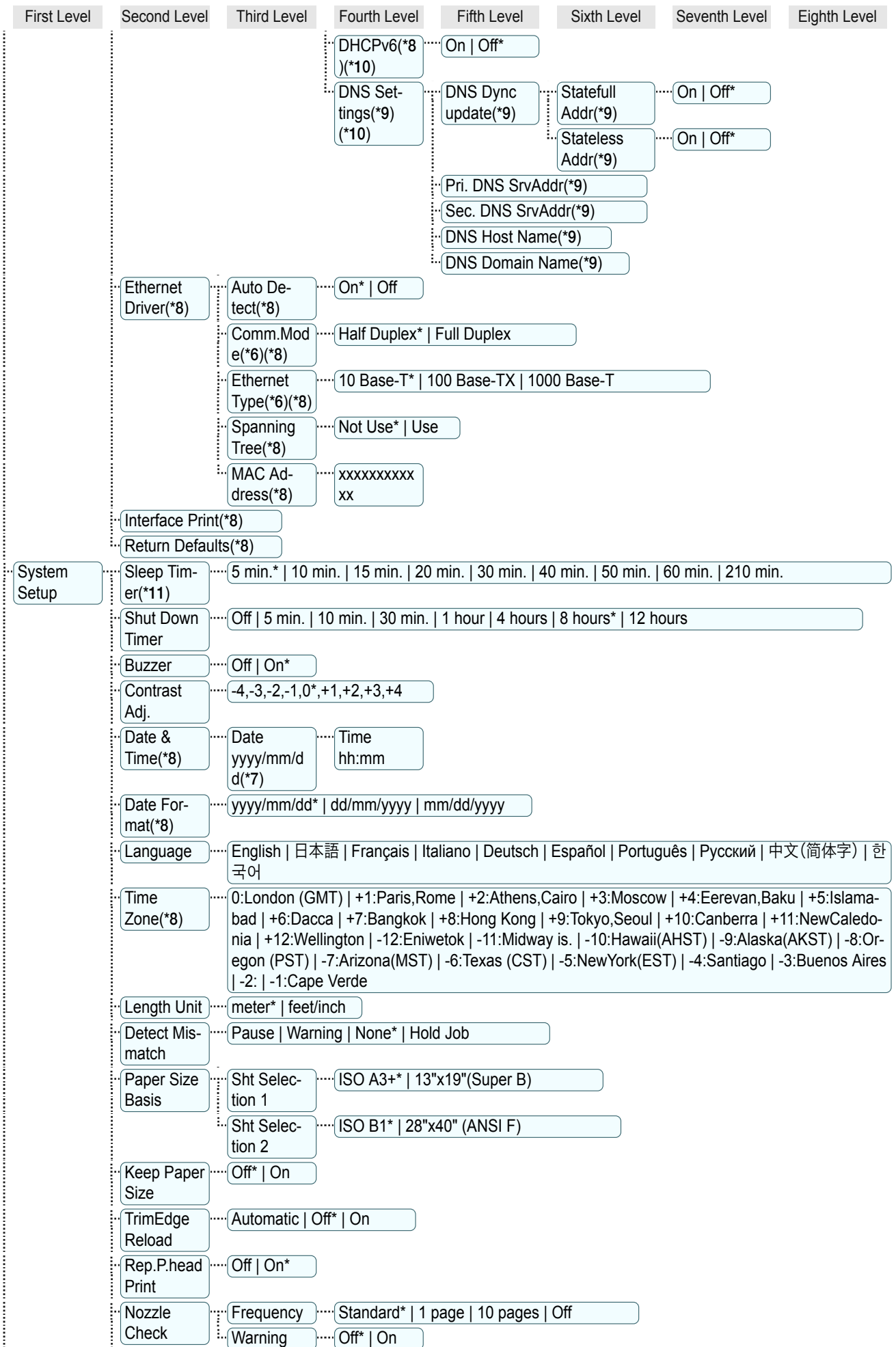
Printer Menu

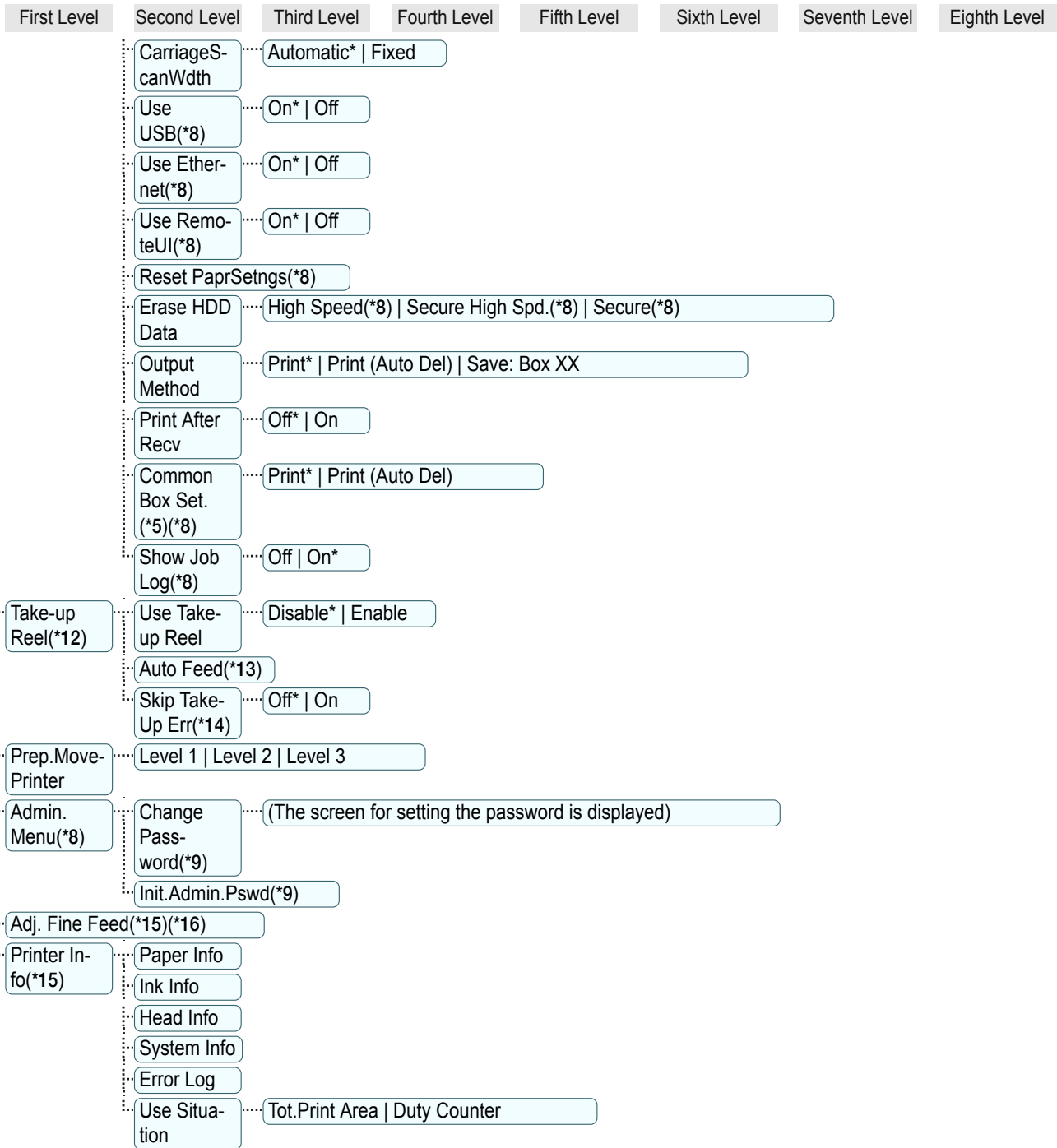
**Set./Adj. Menu**

Limited items are displayed during printing. The displayed items are indicated by annotations.









\*1: Available after you have used **Standard** or **Initial adjustmt** in **Head Posi. Adj.** once.

\*2: Available if **Adj. Priority** is **Automatic** or **Print Quality**.

\*3: Available if **Adj. Priority** is **Automatic** or **Print Length**.

\*4: Available only if **Use Nesting** is **On**.

\*5: Not displayed if **IPv4 Mode** is **Manual**.

\*6: Not displayed if **Auto Detect** is **On**.

\*7: Follows the setting in **Date Format**.

\*8: Restrictions apply if a password is configured using **Change Password** in the **Admin. Menu**.

Viewing and configuration is possible for administrators, and only viewing for other users.

\*9: Restrictions apply if a password is configured using **Change Password** in the **Admin. Menu**.

Viewing and configuration is possible for administrators only.

\*10: Not displayed if **IPv6 Support** is **Off**.

\*11: Default setting for the time to enter the power save mode/Sleep mode is recommended.

\*12: Displayed only when the Media Take-up Unit is attached.

- \*13: Available if: (a) **Use Take-up Reel** is **Enable**, (b) roll paper is loaded, and (c) you have not executed **Auto Feed** for the loaded roll.
- \*14: Available when **Use Take-up Reel** is **Enable**.
- \*15: Displayed as the menu during printing while printing is in progress.
- \*16: Not displayed in the regular menu.

## Menu Settings

Menu items are as follows.

The printer menu is classified into regular menu items available when no print job is in progress and menu during printing items only available while printing is in progress. see "Printer Menu Operations." →P.431

Regular menu	Menu during printing
<b>Paper Menu</b>	Not displayed
<b>Ink Menu</b>	The same <b>Ink Menu</b> as normal is displayed.
<b>Job Menu</b>	The same <b>Job Menu</b> as normal is displayed.
<b>Set./Adj. Menu</b>	A limited <b>Set./Adj. Menu</b> containing the following items is displayed. <ul style="list-style-type: none"> <li>• <b>Adj. Fine Feed (*1)</b></li> <li>• <b>Printer Info</b></li> </ul>

\*1: Only displayed in the menu during printing. Not displayed in the regular menu.

For instructions on selecting menu items, see "Menu Operations." →P.432

For details on the displayed menu hierarchy, see "Menu Structure." →P.435

Menus may change according to the optional products in use.

## Paper Menu

The **Paper Menu** is not displayed during printing.

Setting Item	Description, Instructions	
<b>Load Paper</b>	Select either <b>Roll Paper</b> or <b>Cut Sheet</b> . Load the paper in the selected Paper Feed Slot.	
<b>Eject Paper</b>	Remove the paper. (See "Removing the Roll from the Printer." →P.338) (See "Removing Sheets." →P.357)	
<b>Chg. Paper Type (*1)</b>	Change the media type. (See "Changing the Type of Paper." →P.336)	
<b>Chg. Paper Size</b>	Change the size of paper loaded. (See "Specifying the Paper Length." →P.337) (See "Paper Sizes." →P.320)	
<b>ManageRemainRoll</b>	Choose <b>On</b> to print a barcode at the end of a roll before you remove it. The printed barcode can be used in managing the amount of roll paper left. Choose <b>Off</b> if you prefer not to print the barcode. (See "Keeping Track of the Amount of Roll Paper Left." →P.341)	
<b>Paper Details</b> (The type of paper is displayed here.)(*1)	<b>Head Height</b>	Adjust the Printhead height. (See "Troubleshooting Paper Abrasion and Blurry Images." →P.556)
	<b>Skew Check Lv.</b>	If you print on Japanese paper (washi) or other handmade paper that has an irregular width, choose <b>Loose</b> for a higher skew detection threshold, or choose <b>Off</b> to disable skew detection. However, if paper is loaded askew when detection is <b>Off</b> , note that paper jams or Platen soiling may occur.
	<b>Cutting Mode</b>	Specify whether or not to cut with the standard round-bladed cutter. If you choose <b>Automatic</b> , the roll will be cut automatically using the Cutter Unit, depending on the printer driver settings. Select <b>Eject</b> to prevent printed documents from falling immediately after printing such as when you wait for the ink to dry, etc. <b>Manual</b> prints lines at the cut position instead of cutting after printing. (See "Specifying the Cutting Method for Rolls." →P.344)
	<b>Cut Speed</b>	Choose the cutting speed. The preset selection represents the optimal cutting speed for the type of paper. We recommend keeping the preset cutting speed. If you use adhesive paper, choosing <b>Slow</b> helps prevent adhesive from sticking to the cutter and keeps the cutter sharp.



Setting Item		Description, Instructions
<b>Paper Details</b>	(The type of paper is displayed here.)(*1)	
	<b>Trim Edge First</b>	Selects whether or not to automatically cut the leading edge of the roll paper when roll paper is loaded. (See "Cutting the Leading Edge of Roll Paper Automatically.") →P.350
	<b>CutDustReduct.</b>	If you choose <b>On</b> , a line will be printed at the cut position when paper cutting is selected. This option reduces the amount of debris given off after cutting. It also helps prevent adhesive from sticking to the cutter and keeps the cutter sharp if you use adhesive paper. (See "Reducing Dust from Cutting Rolls.") →P.351
	<b>VacuumStrngth</b>	Specify the level of suction that holds paper against the Platen. (See "Adjusting the Vacuum Strength.") →P.564
	<b>Scan Wait Time</b>	Specify the time to wait for the ink to dry between each scan (after the printhead finishes moving in one direction), in consideration of how quickly the ink dries. Also specify the applicable area for the ink drying time. Select <b>Entire area</b> to apply the ink drying time after each scan until the document is fully printed. Select <b>Leading edge</b> to apply the ink drying time after each scan only in the area 110–160 mm from the leading edge. (The applicable length varies depending on the <b>Print Quality</b> setting.) Note that printing will take longer if you specify the <b>Scan Wait Time</b> setting. In particular, when <b>Leading edge</b> is selected, colors may be uneven in the boundary between the areas with and without a drying time.
	<b>Roll DryingTime</b>	Specify the time to wait for the ink to dry for each sheet.
	<b>NearEnd RollMrgn</b>	Specify the minimum margin at the leading edge of roll paper to ensure better printing quality at the leading edge. Note that if you choose <b>3mm</b> , it may lower the printing quality at the leading edge and affect feeding accuracy. The printed surface may be scratched, and ink may adhere to the leading edge. It may also cause the Platen to become soiled.
	<b>NearEnd Sht Mrgn</b>	Specify a margin at the leading edge of sheets to ensure better printing quality at the leading edge. Note that if you choose <b>3mm</b> , it may lower the printing quality at the leading edge and affect feeding accuracy. The printed surface may be scratched, and ink may adhere to the leading edge.
	<b>BordlessOver-size</b>	Select the amount of oversize extension of the original during borderless printing. Normally, we recommend that you set this to <b>Standard</b> . If it is set to <b>Little</b> , although it will reduce soiling on the back surface, white patches may remain on the printed surface.
<b>Width Detection</b>	Specify this option to print inside boundaries or in other cases when specifying a particular starting position for printing. Paper width and skew are not detected if you select <b>Off</b> . If paper is loaded askew, paper jams or Platen soiling may occur.	
<b>Return Defaults</b>	Choose <b>OK</b> to restore <b>Paper Details</b> to the default values.	
<b>Paper Details</b>		Print the paper settings as specified in <b>Paper Details</b> .
<b>Keep Paper Type</b>		Select <b>On</b> when printing on a particular type of paper regularly. (See "Changing the Type of Paper.") →P.336

\*1:For information on the types of paper the printer supports, refer to **Paper Reference Guide**.

(See "Displaying the Paper Reference Guide.") →P.323

The types of paper indicated in the printer driver, related software, and the printer Control Panel as well are updated when you install the printer driver from the User Software CD-ROM or if you update the information about the paper by using the Media Configuration Tool.

(See "Updating paper information.") →P.326 }

## Ink Menu

Setting Item	Description, Instructions
<b>Rep. Ink Tank</b>	Replace the Ink Tank at this point. Follow the instructions displayed to complete the required procedure. (See "Replacing Ink Tanks.") →P.566
<b>Head Cleaning A</b>	Printhead cleaning options. (See "Cleaning the Printhead.") →P.578 Execute <b>Head Cleaning A</b> if printing is faint, oddly colored, or contains foreign substances.

## Job Menu

Setting Item		Description, Instructions			
<b>Print Job</b>	<b>Job List</b>	(Choose a print job)	<b>Delete</b>	Delete the current job or queued jobs. (See "Managing the Job Queue (Deleting or Preempting Other Jobs).") →P.517	
			<b>Preempt Jobs</b>	Print the job first after the current print job is finished. (See "Managing the Job Queue (Deleting or Preempting Other Jobs).") →P.517	
<b>Stored Job</b>	<b>Mailbox List</b>	(Enter a password if one has been set.)	<b>Job List</b>	<b>Print</b>	Print the saved job.
				<b>Delete</b>	Delete the saved job.
			<b>Print Job List</b>		Print a list of saved print jobs.
<b>Job Log(*2) (*3)</b>	(Choose from information about the last three print jobs.)	<b>Document Name</b>		Indicates the document name of the selected print job.	
		<b>User Name</b>		Indicates the name of the user who sent the print job.	
		<b>Page Count</b>		Indicates the number of pages in the job.	
		<b>Job Status</b>		Indicates the printing results.	
		<b>Print Start Time</b>		Indicates when the print job was started.	
		<b>Print End Time</b>		Indicates when the print job was finished.	
		<b>Print Time</b>		Indicates the time required to print the job.	
		<b>Output Img. Size</b>		Indicates the image size in the print job.	
		<b>Media Type</b>		Indicates the type of paper in the print job.	
		<b>Paper Consumed</b>		Indicates the total amount of paper consumed.	
		<b>Paper Length</b>		Indicates the length of paper.	
		<b>Paper Width</b>		Indicates the width of paper.	
		<b>Interface</b>		Indicates the interface used for the print job.	
		<b>Ink Consumed</b>		Indicates a rough estimate of how much ink was consumed per job.(*1)	
		<b>Print settings</b>		A counter for maintenance purposes. Indicates job print settings.	
<b>Head Height</b>		A counter for maintenance purposes. Indicates the head height when jobs were printed.			
<b>Temp./Humidity</b>		A counter for maintenance purposes. Indicates the temperature and humidity when jobs were printed.			
<b>Adjustment req.</b>		A counter for maintenance purposes. Indicates adjustment conditions applied to jobs.			
<b>Print Job Log</b>		Print information to match the <b>Job Log</b> display state. This is not printed when the <b>Job Log</b> is configured to not display. The maximum number of history records in models fitted with a hard disk is 32. The maximum number of history records in models not fitted with a hard disk is 10.			
<b>Pause Print</b>		Choose <b>On</b> to stop printing.			

Setting Item	Description, Instructions
<b>HDD Information</b>	Indicates the total hard disk capacity and the mail box free space.

\*1: Canon cannot guarantee the accuracy of these estimates. These estimates will also vary depending on the conditions of printer use.

\*2: This is displayed when **Show Job Log** is **On** in **System Setup**.

\*3: Even if **Show Job Log** is **Off** in **System Setup**, it is displayed if a password is configured in **Change Password** in the **Admin. Menu** and the password has been authenticated.



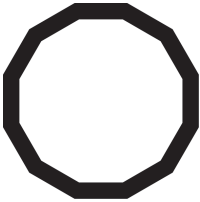
## Set./Adj. Menu

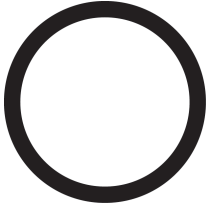
Limited items are displayed during printing. The displayed items are indicated by annotations.

Setting Item		Description, Instructions	
<b>Test Print</b>	<b>Nozzle Check</b>	Print a test pattern to check the nozzles.	
	<b>Status Print</b>	Print information about the setting values and condition of the printer.	
	<b>Interface Print</b>	Print interface settings information.	
	<b>GL2 Set Print</b>	Print the settings as specified in <b>GL2 Settings</b> .	
	<b>Paper Details</b>	Print the paper settings as specified in <b>Paper Details</b> .	
	<b>Print Job Log</b>	Print information to match the <b>Job Log</b> display state. This is not printed when the <b>Job Log</b> is configured to not display. The maximum number of history records in models fitted with a hard disk is 32. The maximum number of history records in models not fitted with a hard disk is 10.	
	<b>Menu Map</b>	Print the menu structure.	
	<b>Color Palette</b>	Print the GL2 color palette.	
<b>Adjust Printer</b>	<b>Head Posi. Adj.</b>	<b>Standard</b>	An adjustment pattern is printed and the print position is automatically adjusted to fix misaligned printing. Select <b>Standard</b> if vertical lines in printed material are warped or colors are out of alignment. Select <b>Standard</b> also if the printing results are not improved by executing <b>Simple</b> . (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550
		<b>Simple</b>	An adjustment pattern is printed and the print position is automatically adjusted to fix misaligned printing. <b>Simple</b> executes a simple adjustment in a short time. Select <b>Simple</b> when frequently adjusting the printhead, such as during daily maintenance. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550
		<b>Other</b>	<b>Initial adjustmt</b>
		<b>Manual</b>	Input the setting values from the adjustment pattern printing results and adjust the printing position to fix misaligned printing. Normally, select <b>Standard</b> . However, when printing on special paper, or if printing is not improved after <b>Standard</b> , try <b>Manual</b> . (See "Manual Adjustment to Straighten Lines and Colors.") →P.552
		<b>Head Inc. Adj.</b>	Print a test pattern for adjustment of the Printhead orientation. (See "Adjusting Line Misalignment.") →P.554

Setting Item			Description, Instructions	
Adjust Printer	Feed Priority	Adj. Priority	Automatic	Specify exact paper feeding, if desired. Normally, select <b>Automatic</b> . Choose <b>Print Quality</b> for attractive printing. Choosing <b>Print Quality</b> also makes banding less noticeable. Choose <b>Print Length</b> if you prefer to feed the paper an exact amount.
			Print Quality	
			Print Length	
		Adj. Quality	Auto(GenuinePpr)	Specify this mode with paper identified in the <b>Paper Reference Guide</b> . (See "Displaying the Paper Reference Guide.") →P.323 The printer prints and reads a test pattern for automatic adjustment of the feed amount. (See "Automatic Banding Adjustment.") →P.559
	Auto(OtherPaper)		Specify this mode with paper not in the <b>Paper Reference Guide</b> . (See "Displaying the Paper Reference Guide.") →P.323 The printer prints and reads a test pattern for automatic adjustment of the feed amount. Note that this function takes more time and consumes more ink than <b>Auto(GenuinePpr)</b> . (See "Automatic Banding Adjustment.") →P.559	
	Manual		Use this mode with highly transparent media or other paper for which <b>Auto(GenuinePpr)</b> or <b>Auto(OtherPaper)</b> cannot be used. Print a test pattern for adjustment of the feed amount based on the type of paper. (See "Manual Banding Adjustment.") →P.560	
	Adjust Length	Adjustment-Print	A:High	Print a test pattern for particular types of paper to compensate for paper stretching or shrinkage, after which you enter the amount of adjustment. (See "Adjusting Line Length.") →P.562
			B:Standard/Draft	
		Change Settings	A:High	Displayed when you have selected <b>Feed Priority &gt; Adj. Priority &gt; Print Length</b> . Adjustment relative to the amount of stretching or shrinkage of the current paper. Enter either the adjustment results from <b>AdjustmentPrint</b> or the discrepancy that you measured (as a percentage). For paper that tends to stretch, increase the feed amount by choosing a higher adjustment value. For paper that tends to shrink, decrease the feed amount by choosing a lower adjustment value. (See "Adjusting Line Length.") →P.562
	B:Standard/Draft			
Maintenance	Head Cleaning		Clean the Printhead. (See "Cleaning the Printhead.") →P.578 Choose <b>Head Cleaning A</b> if printing is faint, oddly colored, or contains foreign substances. Choose <b>Head Cleaning B</b> if no ink is printed at all, or if printing is not improved by <b>Head Cleaning A</b> .	
	Nozzle Check		Print a test pattern to check the nozzles.	
	Replace P.head		Execute when replacing the Printhead. Follow the instructions displayed to complete the required procedure. (See "Replacing the Printhead.") →P.579 Not displayed during a warning message that the remaining Maintenance Cartridge capacity is low.	
	Repl. maint cart		Execute when replacing the Maintenance Cartridge. Follow the instructions displayed to complete the required procedure. (See "Replacing the Maintenance Cartridge.") →P.585	
	Head Info		Indicates information about the printhead.	

		Setting Item	Description, Instructions
GL2 Settings	Quality Manag- er	<b>Color Mode (*4)</b>	
		<b>Monochrome</b>	Print in monochrome.
		<b>Color (CAD) 1</b>	Print in standard colors.
		<b>Color (CAD) 2</b>	Print with approximate colors emulating Canon iPF750, iPF755, iPF650, iPF655, iPF760, iPF765.
		<b>Color (CAD) 3</b>	Print emulating the following printers, in colors resembling colors produced by these printers: Canon iPF500, iPF600, iPF700, iPF510, iPF610, iPF710, iPF605, iPF720, iPF810, iPF820, iPF815 and iPF825.
		<b>Color (CAD) 4</b>	Print emulating the HP Designjet 4000/4500, in colors resembling colors produced by these printers.
		<b>Color (CAD) 5</b>	Print emulating the HP Designjet T1100, in colors resembling colors produced by this printer.
		<b>Color (CAD) 6</b>	Print emulating the Oce ColorWave 300, in colors resembling colors produced by this printer.
		<b>Print Quality</b>	Choose the print quality.
	<b>Input Resolution</b>	Choose the printer input resolution, <b>600dpi</b> or <b>300dpi</b> .	
	<b>Print (Economy)</b>	When <b>On</b> is selected, print using less ink. However, the quality is lower than regular printing. Select <b>On</b> to conserve ink such as the layout confirmation. Note that although <b>Print (Economy)</b> is only available when <b>Fast</b> is selected in <b>Print Quality</b> , it might not be available depending on the paper type.	
	Paper Manag- er	<b>Paper Source</b>	Choose the source of paper for HP-GL/2 printing.
		<b>Margin</b>	Specify the margin around paper. The margin for the trailing edge of sheets is 23 mm (0.9 in). However, if you have specified the leading margin in <b>Paper Details</b> , the larger of the setting values has priority.
<b>Oversize</b>		Set the position of the margin relative to the image range. Choose <b>Off</b> to set the margin inside the image range. The image may be missing depending on the layout. Choose <b>On</b> to set the margin outside the image range. Although the image will not be missing, you should print on paper larger than the size of the image range plus the margins.	
<b>Conserve Paper</b>		Conserves paper when printing.	
<b>Auto Rotate</b>		If the long side of an original is shorter than the roll width, the original is automatically rotated 90 degrees to conserve paper. Similarly, if the long side of an original in landscape orientation is longer than the roll width and the short side is shorter than the roll width, the original is repositioned to fit on the paper. HP RTL print jobs are not rotated. Because HP RTL images are not rotated even if the paper is rotated 90 degrees, images may be cut off or the blank paper may be ejected. In this case, set <b>Auto Rotate</b> to <b>Off</b> .	
<b>Enlarge/Reduce</b>		Enlarge or reduce the image. Choose <b>Specify scaling</b> to print based on the specified scaling value. The specified range is 25 to 400 %. Choose <b>Fit to paper</b> to print by resizing to fit the paper loaded in the printer. If <b>Standard cut</b> is <b>On</b> , the printing is resized to fit the standard paper size.	
<b>Print centered</b>		Print in the center of the paper.	

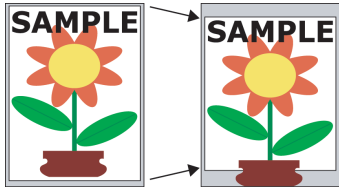
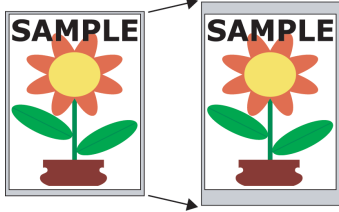
Setting Item		Description, Instructions		
GL2 Settings	Paper Manager	<b>Standard cut</b>	Automatically selects the best standard paper size from the width of the loaded roll paper and the image size and cuts the roll paper.	
		Nesting	<b>Use Nesting</b>	Selecting <b>On</b> will store print jobs until multiple documents can be arranged to fill up the roll width, instead of printing each print job as it is received.
			<b>Nesting WaitTime</b>	Specify a time to wait until printing, as desired.
			<b>Cut Lines</b>	Select <b>On</b> to print cut lines between each document on the roll.
	Line & Pen Manager	<b>Enable merge</b>		Specify whether to merge or print over colors where lines overlap. Choose <b>Off</b> to print the second line over the first. Choose <b>On</b> to merge all overlapping colors.
		Pen Set-up	<b>Select Palette</b>	As pen values, choose <b>Software</b> , <b>Palette A</b> , <b>Palette B</b> , or <b>Factory</b> . Choose <b>Software</b> to print according to software settings. Choose <b>Palette A</b> or <b>Palette B</b> to print using the value specified in <b>Define Palette</b> .
			<b>Define Palette</b>	Specify the <b>Width</b> , <b>Color</b> , and <b>Line Attributes</b> in the palette <b>Pen no.</b> . Choose <b>Factory</b> to confirm the values when <b>Factory</b> is selected in <b>Select Palette</b> . In <b>Line Attributes</b> , choose <b>No Setting</b> or <b>Circle Setting</b> as the processing for the ends and junctions of lines. <ul style="list-style-type: none"> <li>If you choose <b>No Setting</b>  </li> <li>If you choose <b>Circle Setting</b>  </li> </ul>
			<b>Reset Palette</b>	Restore <b>Define Palette</b> to the default palette settings.
		<b>Smoothing</b>		Choose whether to print arcs as smooth curved lines or as multiple connected line segments. <ul style="list-style-type: none"> <li>If you choose <b>Software</b> <p>Operation is determined by the application. If nothing is specified by the application, the result is as shown in the figure.</p>  </li> </ul> <p>Note: By default, this is a 72-sided figure</p>

Setting Item		Description, Instructions				
GL2 Settings	Line & Pen Manager	Smoothing		<ul style="list-style-type: none"> <li>If you choose <b>Smooth</b></li> </ul> 		
		ThickenFineLines		Select <b>On</b> to print fine lines more distinctly.		
		AdjustFaintLines		If fine lines are printed in colors that do not match the colors of other shapes, selecting <b>Off</b> may help produce the expected results. However, lines in some colors may appear broken.		
		Ln width correct		Corrects by using a correction value that specifies the pen width. You can configure <b>Black/gray</b> and <b>Color</b> for each group. The specified range is -20 to +20.		
	ProcessingOption	Warning		Select <b>On</b> to have any GL2-related warnings displayed.		
		On-the-Fly		Selecting <b>On</b> will start printing jobs sooner if you are printing only HP RTL print jobs and printing would not start until later. However, images may be incomplete in some cases, so be sure to check the printing results.		
		Detect img size		Sets the method of deciding the region to output in order to print efficiently while avoiding missing images. If <b>Off</b> is selected and the data contains image range information, the image range information is followed. If <b>Off</b> is selected and the data does not contain image range information, a size with the maximum roll paper width of the printer for the width and 1.5 times the maximum roll paper width for the length is used. If <b>Command priority</b> is selected and the data contains image range information, the image range information is followed. If <b>Command priority</b> is selected and the data does not contain image range information, the detected minimum image area is used. If <b>Detected size</b> is selected, the detected minimum image area is used.		
	GL2 Set Print		Print GL2 settings information.			
	Interface Setup	EOP Timer		Specify the timeout period before cancellation of print jobs that cannot be received by the printer.		
		TCP/IP	IPv4	IPv4 Mode		Choose whether the printer IP address is configured automatically or a static IP address is entered manually.
Protocol				DHCP		Specify the protocol used to configure the IP address automatically.
				BOOTP		
			RARP			
IPv4 Settings			IP Address		Specify the printer network information when using a static IP address. Enter the IP address assigned to the printer, as well as the network subnet mask and default gateway. The value that was automatically configured is displayed if you have set <b>IPv4 Mode</b> to <b>Automatic</b> .	
			Subnet Mask			
			Default G/W			
DNS Settings			DNS Dync update		Specify whether DNS server registration is updated automatically.	
			Pri. DNS SrvAddr		Specify the DNS server address.	
	Sec. DNS SrvAddr					



Setting Item					Description, Instructions	
Inter- face Setup	TCP/IP	IPv4	DNS Settings	DNS Host Name	Specify the DNS host name.	
				DNS Domain Name	Specify the DNS domain name.	
		IPv6	IPv6 Support			Specify whether to connect via IPv6.
			IPv6 Stateless			Specify whether a IPv6 stateless address is used.
			DHCPv6			Specify whether DHCPv6 settings are used.
			DNS Settings	DNS Dync update	Statefull Addr	Specify whether DNS server registration is updated auto- matically.
					State- less Addr	
			Pri. DNS SrvAddr			Specify the DNS server address.
			Sec. DNS SrvAddr			
			DNS Host Name			Specify the DNS host name.
	DNS Domain Name			Specify the DNS domain name.		
	Ether- net Driver	Auto Detect			Specify the communication method. To apply your changes, choose <b>Register Setting</b> . Choose <b>On</b> for automatic configuration of the LAN communication protocol. Choose <b>Off</b> to use settings values of <b>Comm.Mode</b> and <b>Ethernet Type</b> .	
		Comm.Mode			Choose the LAN communication method.	
		Ethernet Type			Choose the LAN transfer rate.	
		Spanning Tree			Choose whether spanning-tree packets are supported over the LAN.	
MAC Address			Indicates the MAC address.			
Interface Print					Print interface settings information.	
Return Defaults					Choose <b>OK</b> to restore <b>Interface Setup</b> settings to the default values.	
System Setup	Sleep Timer			Specify the period before the printer enters sleep mode.		
	Shut Down Timer			Sets the time until the printer turns off automatically. If no operations are performed on the printer for the duration of the time set in <b>Shut Down Timer</b> after entering Sleep mode, the printer automatically turns off.		
	Buzzer			Choose <b>On</b> for the buzzer to sound once for warnings and three times for errors.		
	Contrast Adj.			Adjust the Display Screen contrast level.		
	Date & Time	Date			Set the current date.	
		Time			Set the current time. Available only if the <b>Date</b> setting is specified.	
	Date Format			Specify the date format.		
	Language			Specify the language used on the Display Screen.		
	Time Zone			Specify the time zone. Time zone options indicate a main city in this time zone and the difference from Greenwich Mean Time.		
	Length Unit			Choose the display unit for length. Change the unit displayed for the remaining amount of roll paper, <b>Tot.Print Area</b> , and so on.		
Detect Mismatch			Specify printing behavior if the type and size of paper specified in the printer menu does not match the type and size in the printer driver.			



Setting Item		Description, Instructions	
<b>System Setup</b>	<b>Detect Mismatch</b>	Choose <b>Pause</b> to have printing paused under these circumstances. Choose <b>Warning</b> to continue printing after notification. Choose <b>None</b> to continue printing without notification. Choose <b>Hold Job</b> to store jobs with mismatched types and sizes of paper on the printer hard disk, in a print queue awaiting processing. (See "Using the Printer Hard Disk.") →P.513	
	<b>Paper Size Basis</b>	<b>Sht Selection 1</b>	If sheet size detection is activated, choose whether <b>ISO A3+ or 13"x19"(Super B)</b> is applied when a sheet of an intermediate size is detected.
		<b>Sht Selection 2</b>	If sheet size detection is activated, choose whether <b>ISO B1 or 28"x40" (ANSI F)</b> is applied when a sheet of an intermediate size is detected.
<b>Keep Paper Size</b>		<p>Choose <b>On</b> to use the paper size setting as the basis for printing instead of other settings. The margin setting of the printer menu will be used instead of the margin setting of the printer driver if the latter is smaller, which may prevent text or images in the margin from being printed.</p>  <p>Choose <b>Off</b> to give priority to margin settings. The larger value is used if the margin specified in the printer driver does not match the margin in the printer menu.</p> 	
<b>TrimEdge Reload</b>		Specify whether to trim the leading edge of the currently retracted roll when the roll is advanced. Cut the edge if you are concerned about any marks left on the roll when the roll is left in the retracted position. Specify <b>On</b> to have rolls cut when printing begins after Sleep mode or when the power is restored. Selecting <b>Automatic</b> will trim the edge when the roll has been in the retracted position for two days or more.	
<b>Rep.P.head Print</b>		If you have selected <b>On</b> , the adjustment pattern is printed after replacing the Printhead and Printhead adjustment is performed. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550	
<b>Nozzle Check</b>		In <b>Frequency</b> , specify the timing for automatic checks of nozzle clogging. Choose <b>Standard</b> to have the printer adjust the timing for checks based on the frequency of nozzle use. Choose <b>1 page</b> to check once per page. Choose <b>10 pages</b> to check once per 10 pages. Choose <b>Off</b> to not execute check. If <b>On</b> is selected in <b>Warning</b> , a warning may be displayed on the Control Panel depending on the result of the nozzle check.	

Setting Item		Description, Instructions	
<b>System Setup</b>	<b>CarriageScanWdth</b>	Specify the scan width of the carriage during printing. Select <b>Automatic</b> for movement equivalent to the width of paper loaded. Selecting <b>Fixed</b> will reduce any soiling on the back of the paper, although printing may take a little longer.	
	<b>Use USB</b>	When <b>Off</b> is selected, the device can no longer be accessed via USB.	
	<b>Use Ethernet</b>	When <b>Off</b> is selected, the device can no longer be accessed via Ethernet.	
	<b>Use RemoteUI</b>	Choosing <b>Off</b> prohibits access from RemoteUI. Settings can only be configured from the control panel.	
	<b>Reset PaprSetngs</b>	Restores settings that you have changed with Media Configuration Tool to the default values.	
	<b>Erase HDD Data</b>	<b>High Speed</b>	Erases file management data for print job data stored on the printer's hard disk. (See "Erasing Data on the Printer's Hard Disk.") →P.472
		<b>Secure High Spd.</b>	Overwrites the entire hard disk with random data. (See "Erasing Data on the Printer's Hard Disk.") →P.472
		<b>Secure</b>	Overwrites the entire hard disk with 00, FF, and random data (one time each). Verification is performed to check if the data was correctly written. (See "Erasing Data on the Printer's Hard Disk.") →P.472
	<b>Output Method</b>	<b>Print</b>	Select the printing method for jobs received from software other than the printer driver. When using the printer driver, configure settings on the printer. To print as usual, select <b>Print</b> . Selecting <b>Print (Auto Del)</b> will print the job and then delete the data from the printer's hard disk. Selecting <b>Save: Box 01</b> will only save the print job in the box, without printing it.
		<b>Print (Auto Del)</b>	
<b>Save: Box XX</b>			
<b>Print After Recv</b>	A setting for jobs received from software other than the printer driver. When using the printer driver, configure settings on the printer. Select <b>On</b> to print the job after it has been saved.		
<b>Common Box Set.</b>	Select <b>Print (Auto Del)</b> to print without saving jobs in the box shared among multiple users.		
<b>Show Job Log</b>	Selecting <b>Off</b> prevents display of the log in <b>Job Menu &gt; Job Log</b> . Additionally, the log is not printed if you choose <b>Job Menu &gt; Print Job Log</b> . Note that because job logs are not collected, the Status Monitor accounting functions will not work correctly.		
<b>Take-up Reel</b>	<b>Use Take-up Reel</b>	Selecting <b>Enable</b> allows use of the Media Take-up Unit.	
	<b>Auto Feed</b>	Available only if <b>Use Take-up Reel</b> is already set to <b>Enable</b> . Rolls are automatically advanced to the position for attachment to the Rewind Spool.	
	<b>Skip Take-Up Err</b>	Available only if <b>Use Take-up Reel</b> is already set to <b>Enable</b> . Choose <b>On</b> to continue with printing even if an error occurs with the Media Take-up Unit. Choose <b>Off</b> to pause printing if a take-up error occurs.	
<b>Prep.MovePrinter</b>	When transferring the printer to another location, choose the level of transfer and follow the instructions on the screen. (See "Preparing to Transfer the Printer.") →P.594 Not displayed during a warning message that the remaining Maintenance Cartridge capacity is low.		
<b>Admin. Menu</b>	<b>Change Password</b>	The password that can be entered is a number from 0 to 9999999.	

Setting Item		Description, Instructions
<b>Admin. Menu</b>	<b>Change Password</b>	The restriction states and main items are shown below. For more specific information on restricted items, see "Menu Structure." →P.435 <ul style="list-style-type: none"> <li>Viewing and configuration by administrators only <p><b>Change Password</b> <b>Init.Admin.Pswd</b> Etc.</p> </li> <li>Viewing and configuration by administrators, and only viewing by other users <p><b>Date &amp; Time</b> <b>Time Zone</b> <b>Use RemoteUI</b> Etc.</p> </li> </ul>
	<b>Init.Admin.Pswd</b>	Choose <b>OK</b> to restore the <b>Admin. Menu</b> password to the default values.
<b>Adj. Fine Feed (*2) (*3)</b>		Displayed when you have selected <b>Feed Priority &gt; Adj. Priority &gt; Automatic</b> or <b>Print Quality</b> . Fine-tune the feed amount manually.
<b>Printer Info (*2)</b>	<b>Paper Info</b>	Select either <b>Roll Paper</b> or <b>Cut Sheet</b> . Displays information about the paper in the selected Paper Feed Slot.
	<b>Ink Info</b>	Indicates ink levels and maintenance cartridge capacity.
	<b>Head Info</b>	Indicates information about the printhead.
	<b>System Info</b>	Indicates the firmware version, serial number, and interface information.
	<b>Error Log</b>	Indicates the most recent error messages (up to five).
	<b>Use Situation</b>	A counter for maintenance purposes. Displays printer usage related information.

\*1:A rough estimate of how much ink was consumed per job is displayed. Actual ink consumption may be different. The average margin of error for estimates calculated according to Canon measurement conditions for ink costs is  $\pm 15\%$ . Canon does not guarantee the accuracy of these estimates. Estimates may vary depending on conditions of use. Calculation of these estimates does not include ink consumed when cleaning printheads by forceful ejection of ink.

\*2:Displayed as the menu during printing while printing is in progress.

\*3:Not displayed in the regular menu.

\*4:If you have selected **Color (CAD) 2**, **Color (CAD) 3**, **Color (CAD) 4**, **Color (CAD) 5**, or **Color (CAD) 6**, it is not possible to match the colors and image quality produced by the specified printer exactly.


## Status Print

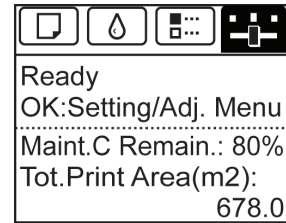
You can print a **Status Print** report indicating the current status of the printer.

With **Status Print**, information is printed regarding the printer firmware version, various settings, and the status of consumables.

### Printing Status Print reports

- 1 Load paper.  
When using sheets, load paper of A4/Letter size. You will need at least four sheets.

**2** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select Settings/Adj. tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

**3** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

**4** Press ▲ or ▼ to select **Test Print**, and then press the **OK** button.

**5** Press ▲ or ▼ to select **Status Print**, and then press the **OK** button.

### Checking the information in **Status Print** reports

The following information is included in **Status Print** reports.

Canon imagePROGRAF iPFxxxx Status Print	Printer model
Firm	Firmware version
Boot	Boot ROM version
MIT(DBF)	MIT database format version
MIT(DB)	MIT database version
S/N	Printer serial number
Date	Indicates when the status print report was printed.

<b>Paper Menu</b>	Information on the loaded paper.								
<table border="1"> <tr> <td>Paper Type</td> <td>Roll1(Uppr)Media</td> </tr> <tr> <td></td> <td>Cut Sheet</td> </tr> <tr> <td>ManageRemainRoll</td> <td></td> </tr> <tr> <td>Keep Paper Type</td> <td></td> </tr> </table>	Paper Type	Roll1(Uppr)Media		Cut Sheet	ManageRemainRoll		Keep Paper Type		
Paper Type	Roll1(Uppr)Media								
	Cut Sheet								
ManageRemainRoll									
Keep Paper Type									

<b>Job Menu</b>	Job-related information.							
<table border="1"> <tr> <td>Job Log</td> <td>A counter for maintenance purposes. Various information about previous jobs.</td> </tr> <tr> <td>HDD Information</td> <td rowspan="2">Indicates the total hard disk capacity and the mail box free space.</td> </tr> <tr> <td> <table border="1"> <tr> <td>Total capacity</td> </tr> <tr> <td>Box free space</td> </tr> </table> </td> </tr> </table>	Job Log	A counter for maintenance purposes. Various information about previous jobs.	HDD Information	Indicates the total hard disk capacity and the mail box free space.	<table border="1"> <tr> <td>Total capacity</td> </tr> <tr> <td>Box free space</td> </tr> </table>	Total capacity	Box free space	
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Total capacity								
Box free space								

<b>Set./Adj. Menu</b>	Settings and adjustment information.							
<table border="1"> <tr> <td>System Setup</td> <td rowspan="4">Printer system settings, as well as settings regarding warnings and errors.</td> </tr> <tr> <td> <table border="1"> <tr> <td>Sleep Timer</td> </tr> <tr> <td>Shut Down Timer</td> </tr> <tr> <td>Buzzer</td> </tr> <tr> <td>Contrast Adj.</td> </tr> </table> </td> </tr> </table>	System Setup	Printer system settings, as well as settings regarding warnings and errors.	<table border="1"> <tr> <td>Sleep Timer</td> </tr> <tr> <td>Shut Down Timer</td> </tr> <tr> <td>Buzzer</td> </tr> <tr> <td>Contrast Adj.</td> </tr> </table>	Sleep Timer	Shut Down Timer	Buzzer	Contrast Adj.	
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Sleep Timer								
Shut Down Timer								
Buzzer								
Contrast Adj.								

Date Format		Printer system settings, as well as settings regarding warnings and errors.
Language		
Time Zone		
Length Unit		
Detect Mismatch		
Paper Size Basis		Paper-related settings.
	Sht Selection 1	
	Sht Selection 2	
Keep Paper Size		
TrimEdge Reload		
Rep.P.head Print		Settings after a test pattern was printed following head replacement.
Nozzle Check		Nozzle-check settings.
	Frequency	
	Warning	
CarriageScanWdth		Carriage scan width setting.
Use USB		<b>Use USB</b> settings values.
Use Ethernet		<b>Use Ethernet</b> settings values.
Use RemoteUI		Settings used by RemoteUI.
Output Method		Print job settings.
Print After Recv		
Common Box Set.		
Show Job Log		
Adjust Printer		Adjustment settings.
Head Posi. Adj.		A counter for maintenance purposes. Head position adjustment values for previous jobs.
	Adjust Log	
Take-up Reel(*1)		Settings regarding the Media Take-up Unit.
	Use Take-up Reel	
	Skip Take-Up Err	
Printer Info		Ink information, RAM usage, and a record of errors.
Ink Info		Ink-related information.
	MC	Maintenance Cartridge capacity (%)
	(The ink color is displayed here.)	Ink levels. The remaining ink is displayed in a five-level scale.
System Info		Indicates the total amount of RAM.
	RAM	
Error Log		The past five error codes.

\*1:Displayed when the Media Take-up Unit is mounted.


HEAD LOT NUMBER/ DATE OF INSTALLATION		The printhead lot number and date and time when the Print-head was installed.
	HEAD INFxx	
PARTS STATUS		Utilization status of replacement parts that require servicing.

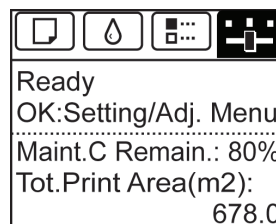
	COUNTER	Utilization status of replacement parts that require servicing.
COUNTER		Utilization status of the cutter, media, and other items (indicating how much they have been used).
	CUTTER	
	MEDIA	
	LIFE TTL	
	LIFE ROLL	
	LIFE CUTSHEET	
	MEDIA 1-7,OTHER	
	NAME	
	TTL	
	ROLL	
	CUTSHEET	
	AFTER INSTALLATION	
DUTY		Counters for maintenance purposes. Needed when service is requested.
	UNIT:m2	
	UNIT:sq.f	
	UNIT:A4 Sheet	
	UNIT:Letter Sheet	

## Printing Interface Setting Reports

You can print an **Interface Print** report indicating the current interface settings values of the printer.

### Printing **Interface Print** reports

- 1 Load the paper.  
If using sheets, load paper A4/Letter-sized, you will need at least three sheets.
- 2 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

- 3 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 4 Press ▲ or ▼ to select **Test Print**, and then press the **OK** button.
- 5 Press ▲ or ▼ to select **Interface Print**, and then press the **OK** button.

### Confirming **Interface Print** information

The following information is included in the **Interface Print** report.

Canon imagePROGRAF iPFxxxx Interface Print

Printer model

Firm	Firmware Version
Boot	Boot ROM Version
MIT(DBF)	MIT Database Format Version
MIT(DB)	MIT Database Version
S/N	Printer serial number
Date	The date when the interface setup print report was printed.

EOP Timer		Specify the timeout period before cancellation of print jobs that cannot be received by the printer.
TCP/IPv4	Frame Type	<b>IPv4</b> settings values.
	Use DHCP	
	Use BOOTP	
	Use RARP	
	Enable DNS Dynamic Update	
	Use Zeroconf Function	
	IP Address	
	Subnet Mask	
	Gateway Address	
	LPD Printing	
	IPP Printing	
	IPP Printer URI	
	RAW Printing	
	Raw Mode Bi-direction	
	FTP Printing	
	WSD Printing	
	Use Discovery	
	Scope	
	Primary DNS Server Address	
	Secondary DNS Server Address	
DNS Host Name		
DNS Domain Name		
MulticastDNS ServiceName		
SNMPv1		
SNMPv3		

TCP/IPv6	Use IPv6	<b>IPv6</b> settings values.	
	Use DHCPv6	Stateful Address	
		Prefix Length	
		Primary DNS Server Address	
		Secondary DNS Server Address	
	Use a stateless address	Stateless Address 1	
		Prefix Length 1	
		Stateless Address 2	
		Prefix Length 2	
		Stateless Address 3	

TCP/IPv6	Use a stateless address	Prefix Length 3	IPv6 settings values.
		Stateless Address 4	
		Prefix Length 4	
		Stateless Address 5	
		Prefix Length 5	
		Stateless Address 6	
	Use a link-local Address	Link-Local Address	
		Prefix Length	
	Use a manual address	IP Address	
		Prefix Length	
		Default Router Address	
		Prefix Length	
		Primary DNS Server Address	
	Use the same host name and domain name as IPv4	DNS Host Name	
		DNS Domain Name	
Perform dynamic updating of stateful addresses			
Dynamically update the stateless address			
Dynamically update the manual address			
Frame Type			
Use Zeroconf Function			
MulticastDNS ServiceName			

TCP/IPv6	LPD Printing	IPv6 settings values.
	IPP Printing	
	IPP Printer URI	
	RAW Printing	
	Raw Mode Bi-direction	
Network Interface	Physical Interface	Network interface settings values.
	Transmission Rate	
	MAC Address	
	Auto Detect	
	Communication	
	Ethernet Type	
	Spanning Tree	
Use the Jumbo Frame Function		

### Setting Control panel access lock

458

This section describes the procedure for setting and releasing the control panel access lock.



- The setting can only be changed in administrator mode.



- 1 Start RemoteUI and log on to it.  
Start the web browser and enter the following URL in the **Location** (or **Address** ) box to display the RemoteUI page.

http://printer IP address or name/

Input example: http://xxx.xxx.xxx.xxx/

- 2 Select **Administrator Mode** and click **Logon**.



Note

- If a password has been set on the printer, enter the password.

- 3 Click **Device Selection** on the left side to display the **Extended Functions** page.

- 4 Click **Edit** at the top right to display the **Change Extended Functions** page.

- 5 In the **Control panel access lock** setting, select the **On** check box to set the access lock and select the **Off** check box to release the access lock.

- 6 Click **OK**.

- 7 When the change settings confirmation message is displayed, click **OK**.



Note

- Initializing the network settings will also restore the default value of the printer's IP address. As a result, the RemoteUI page cannot be displayed in the web browser after this procedure. Because of this, if you initialize the network settings while the **Control panel access lock** is set, the **Control panel access lock** can no longer be set to **Off**. If this happens, configure the IP address again using the **imagePROGRAF Device Setup Utility**. (See "Configuring the IP Address Using imagePROGRAF Device Setup Utility." → P.491)

# Memo

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421

## Printer Parts

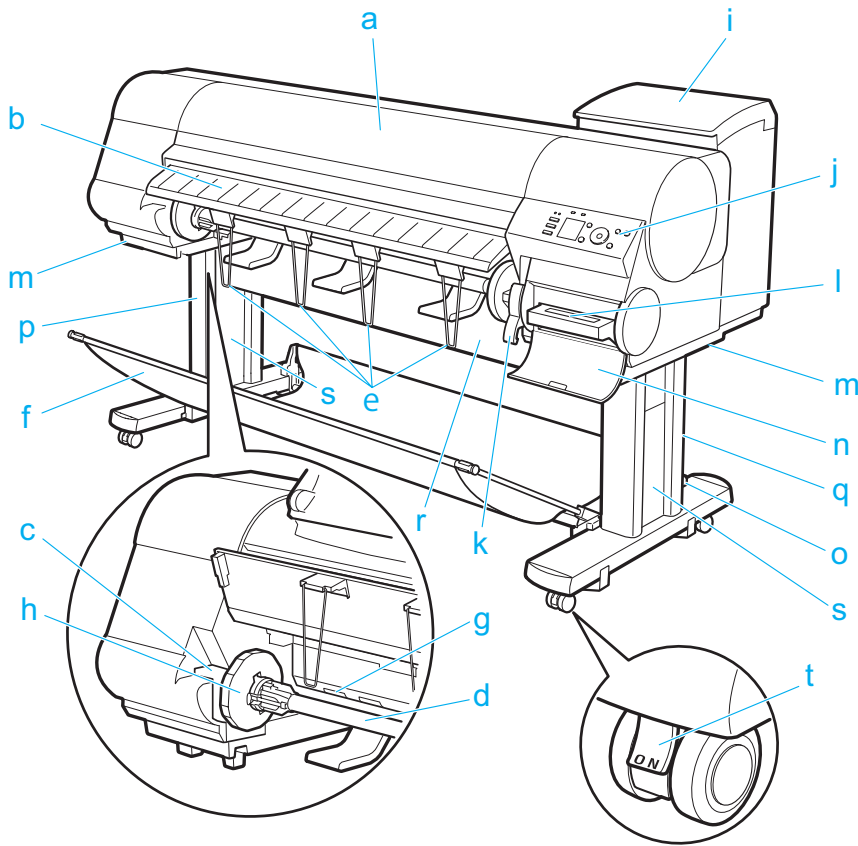
Printer parts .....	462
Hard Disk .....	470
Optional accessories .....	474

Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

# Printer parts

Front .....	462
Back .....	464
Top Cover (Inside) .....	465
Carriage .....	466
Ink Tank Cover (Inside) .....	466
Stationary Output Stacker .....	467
Media Take-up Unit(Optional) .....	468
Control Panel .....	422

## Front



**a** Top Cover

Open this cover to install the Printhead, load paper, and remove any jammed paper from inside the printer as needed. (See "Top Cover (Inside).") →P.465

**b** Ejection Guide

Guides printed documents as they are ejected. Open this guide when loading a roll.

**c** Roll Holder Slot

Slide the Roll Holder into this slot.

**d** Roll Holder

Load the roll on this holder.

**e** Ejection Support

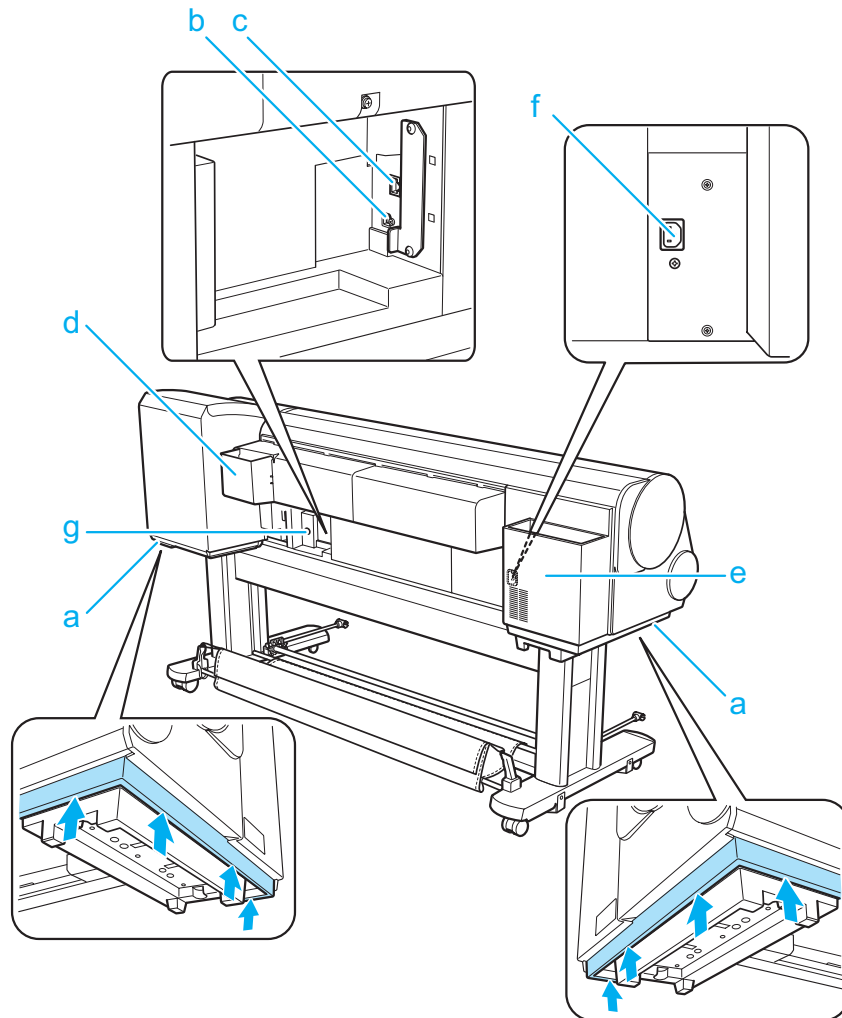
Prevents printed documents from winding around the Roll Holder or being drawn into the Paper Feed Slot.

**f** Stationary Output Stacker

A cloth tray that catches ejected documents. (See "Stationary Output Stacker.") →P.467

- g** Paper Feed Slot  
When loading a roll, insert the edge of the roll paper here.
- h** Holder Stopper  
Secure rolls on the Roll Holder with this part.
- i** Ink Tank Cover  
Open this cover to replace an Ink Tank. (See "Ink Tank Cover (Inside).") →P.466
- j** Control Panel  
Use this panel to operate the printer and check the printer status. (See "Control Panel.") →P.422
- k** Release Lever  
Releases the Paper Retainer. Lift this lever toward the front of the printer when loading paper.
- l** Maintenance Cartridge  
Ink used for maintenance purposes such as head cleaning is absorbed. (Replace the cartridge when it is full.)
- m** Carrying Handles  
When carrying the printer, have six people hold it by these handles under both sides.
- n** Maintenance Cartridge Cover  
Open this cover to replace the Maintenance Cartridge.
- o** Stand  
A stand that holds the printer. Equipped with casters to facilitate moving it.
- p** Stand L  
The left leg of the Stand.
- q** Stand R  
The right leg of the Stand.
- r** Top Stand Stay  
Supports Stand L and Stand R. Attach the optional Media Take-up Unit to this part.
- s** Leg Covers  
Covers for Stand L and Stand R.
- t** Stopper  
Locks the Stand casters.  
Always release the Stopper before moving the printer. Moving the printer while the Stopper is locked may scratch the casters or the floor.

## Back



### a Carrying Handles

When carrying the printer, have six people hold it by these handles under both sides.

### b USB Port

Connect a USB cable to this port. The printer is compatible with Hi-Speed USB connections.

### c Ethernet Port

Connect an Ethernet cable to this port. The lamp is lit if the Ethernet cable is connected correctly and communication is possible between the computer and printer.

### d Manual Pocket

Store printer manuals in this pocket.

### e Accessory Pocket

Store assembly tools, Roll Holder attachments, and other items in this pocket.

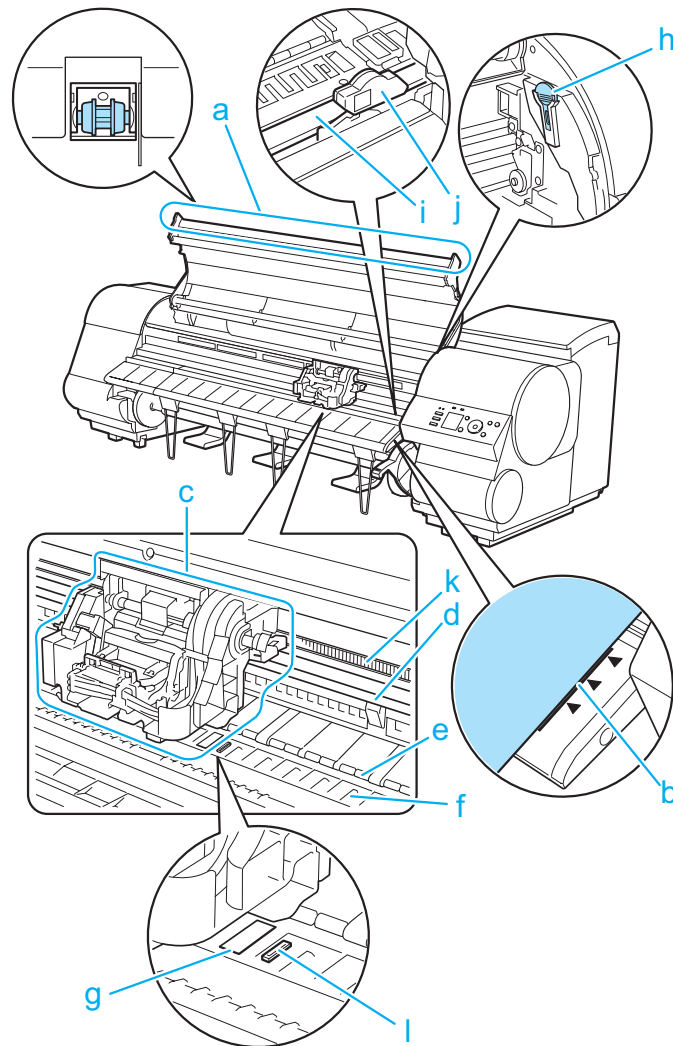
### f Power Supply Connector

Connect the power cord to this connector.

### g Media Take-up Unit Power Inlet

Connect the connection cable for the Media Take-up Unit (optional).

## Top Cover (Inside)



- a Top Cover Roller**  
Prevents paper from rising when ejected.
- b Paper Alignment Line**  
Align paper with this line when loading it.
- c Carriage**  
Moves the Printhead. The carriage serves a key role in printing. (See "Carriage.") →P.466
- d Carriage Shaft**  
The Carriage slides along this shaft.
- e Paper Retainer**  
Important in supplying the paper. This retainer holds paper as it is fed.
- f Platen**  
The Printhead moves across the platen to print. Vacuum holes on the platen hold paper in place.
- g Borderless Printing Ink Grooves**  
For catching ink outside the edges of paper during borderless printing.
- h Cleaning Brush**  
When cleaning inside the printer under the Top Cover, use this brush to sweep away paper dust on the Platen. Also use the brush to move the blue Switch on the Platen.
- i Cutter Rail**  
The Cutter Unit passes over this rail to cut paper.

**j** Cutter Unit

A round-bladed cutter for automatic paper cutting.

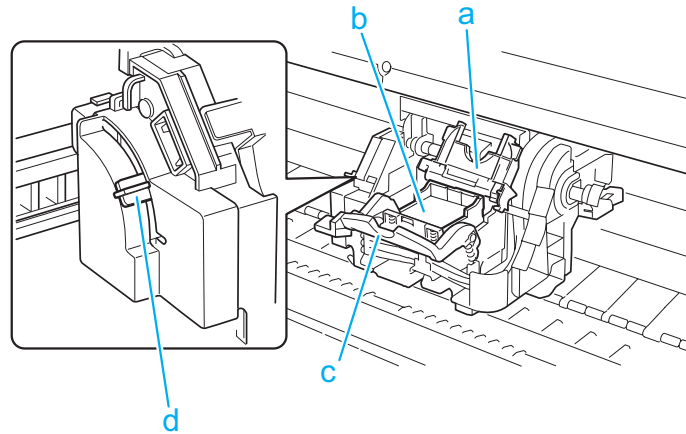
**k** Linear Scale

The linear scale serves a key role in detecting the Carriage position. Be careful not to touch this part when cleaning inside the Top Cover or clearing paper jams.

**l** Switch

Set the switch to the side opposite ● if the edges of printed images are blurred. Set the switch to the ● side before borderless printing. (See "Setting the Blue Switch on the Platen.") →P.623

**Carriage**



**a** Printhead Fixer Cover

Holds the Printhead in place.

**b** Printhead

The printhead is equipped with ink nozzles. The carriage serves a key role in printing.

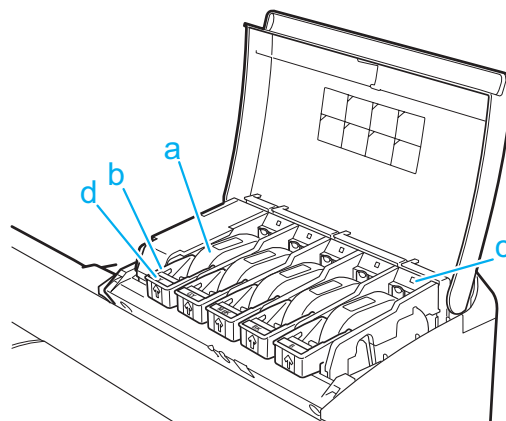
**c** Printhead Fixer Lever

Locks the Printhead Fixer Cover.

**d** Angle Adjustment Lever

Use this lever to fine-tune the printer to correct misalignment of printed lines.

**Ink Tank Cover (Inside)**



Note: The figure shows the printer as loaded with 700 ml (23.7 fl oz) Ink Tank.

**a** Ink Tanks

Cartridges of ink in various colors.



**b Ink Tank Lock Lever**

A lever that locks the Ink Tank in place and protects it. Lift and lower the lever when replacing an Ink Tank. To open it, lift the stopper of the lever until it stops, and then push it down toward the front. To close it, push it down until it clicks into place.

**c Ink Lamp (Red)**

Indicates the state of the Ink Tank as follows when the Ink Tank Cover is opened.

- On

The Ink Tank is installed correctly.

- Off

No Ink Tank is installed, or the ink level detection function is disabled.

- Flashing Slowly

Not much ink is left.

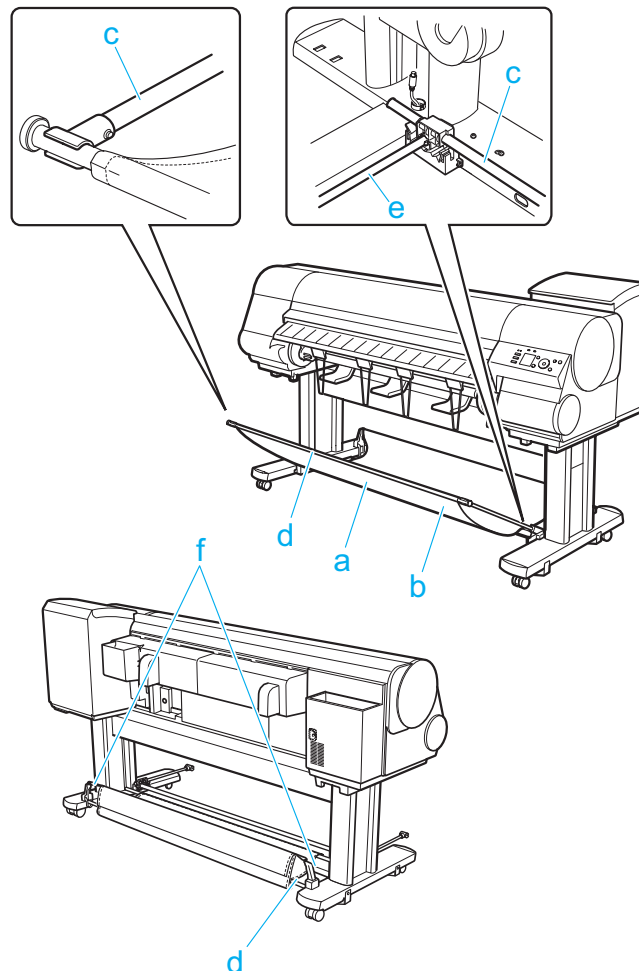
- Flashing Rapidly

Ink tank is empty.

**d Ink Color Label**

Load an Ink Tank that matches the color and name on this label.

## Stationary Output Stacker

**a Output Stacker**

A cloth tray that catches ejected documents.

**b White tag**

A point of reference for attaching the Output Stacker in the right direction.

**c** Basket Arm R and Basket Arm L

Holds the Basket Rod (tag side) attached to the Output Stacker. When the Output Stacker is not used, push it down and store it next to the Stand Leg.

**d** Basket Rod (tag side) and Basket Rod (cord side)

Holds the cloth Output Stacker securely in specific positions.

**e** Basket Rod

Keeps Basket Arm R and Basket Arm L at the same angle.

**f** Rear Holder

Holds the middle of the Basket Rod (cord side).

(See "Using the Stationary Output Stacker." →P.359)

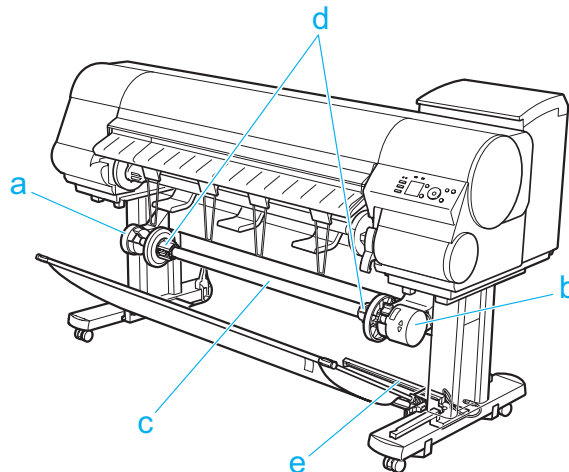


Note

- The printer can be used with either a Stationary Output Stacker or a separate, mobile Wheeled Output Stacker. The Stationary Output Stacker is normally provided as the standard stacker, but the Wheeled Output Stacker may be the standard stacker in some sales regions. If the Wheeled Output Stacker has been provided as the standard stacker, the Stationary Output Stacker is not included. For more information about the Wheeled Output Stacker, see "Wheeled Output Stacker." →P.362

## Media Take-up Unit(Optional)

Main Unit

**a** Left Media Take-up Unit

Load the Rewind Spool here.

**b** Right Media Take-up Unit

Load the Rewind Spool here. Includes the Media Take-up Unit **Power** button, ▲ and ▼ buttons to advance or rewind paper, and a power cord.

**c** Rewind Spool

Winds documents printed on rolls.

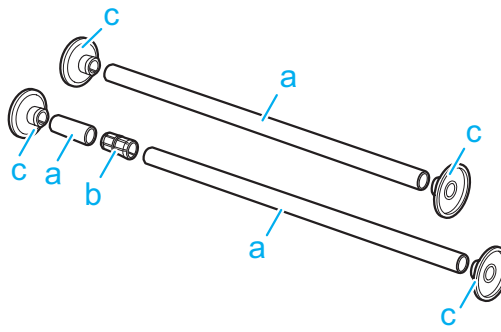
**d** 3-inch Adapter

When rewinding rolls with 3-inch paper cores, attach the adapter to the Rewind Spool.

**e** Media Take-up Sensor

A sensor for automatically rewinding rolls.

## Weight

**a** Weight Roll (6)

Weights required when rewinding rolls. Use one weight roll or combine two (with a Weight Joint ), depending on the roll width.

**b** Weight Joint

Fastens two weight rolls.

**c** Weight Flange (2 sets)

Attached to the ends of Weight Roll to adjust the weight. Use Weight Flange 1 or Weight Flange 2, depending on the type of paper. (See "Loading the Rewind Spool on the Media Take-up Unit.") →P.367

# Hard Disk

Printer Hard Disk Operations ..... 470

Checking the Free Hard Disk Space ..... 471

Erasing Data on the Printer's Hard Disk ..... 472

## Printer Hard Disk Operations

Printer hard disk operations are available from the following programs and interfaces.

- Printer driver
- Free Layout
- Color imageRUNNER Enlargement Copy
- Preview
- imagePROGRAF Status Monitor
- imagePROGRAF Printmonitor
- RemoteUI
- Control Panel


The hard disk operations available through each interface are as follows.

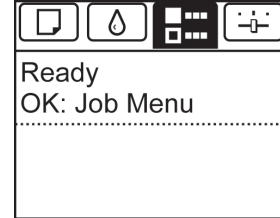
Operation		<ul style="list-style-type: none"> <li>• Printer driver</li> <li>• Free Layout</li> <li>• Color imageRUNNER Enlargement Copy</li> <li>• Preview</li> </ul>	<ul style="list-style-type: none"> <li>• imagePROGRAF Status Monitor</li> <li>• imagePROGRAF Printmonitor</li> </ul>	RemoteUI	Control Panel
Saving print jobs	Save in mail box	Yes	No	No	No
	Do Not Save Print Jobs in the Common Box	No	No	No	Yes
	Save print jobs sent from sources other than the printer driver	No	No	No	Yes
Operations with saved jobs	Print saved jobs	No	Yes	Yes	Yes
	Delete saved jobs	No	Yes	Yes	Yes
Job queue management	Display job queue	No	Yes	Yes	Yes
	Delete	No	Yes	Yes	Yes
	Preempt Jobs	No	Yes	Yes	Yes
	Operations with held jobs	No	Yes	Yes	Yes
Mail box management	Move saved jobs	No	Yes	Yes	No
	Modify saved jobs	No	Yes	Yes	No
	Modify mail boxes	No	Yes	Yes	No
	Print a list of saved jobs	No	No	No	Yes
	Display a list of saved jobs	No	Yes	Yes	Yes
Other operations	Display free hard disk space	No	Yes	Yes	Yes
	Initialize hard disk	No	No	No	Yes
	Display the time of printing	No	Yes	Yes	Yes
Display error messages		No	Yes	Yes	Yes


## Checking the Free Hard Disk Space

Check the space available on the printer's hard disk as follows.  
This operation is available from the Control Panel, in RemoteUI, imagePROGRAF Status Monitor, and image-PROGRAF Printmonitor.

### Using the Control Panel

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Job tab (  ).

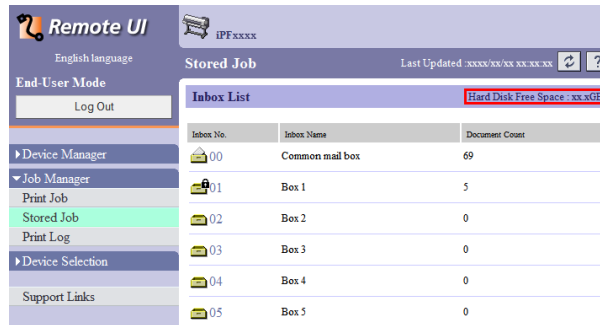


 **Note** • If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Job Menu** is displayed.
- 3 Press ▲ or ▼ to select **HDD Information**, and then press the **OK** button.

### Using RemoteUI

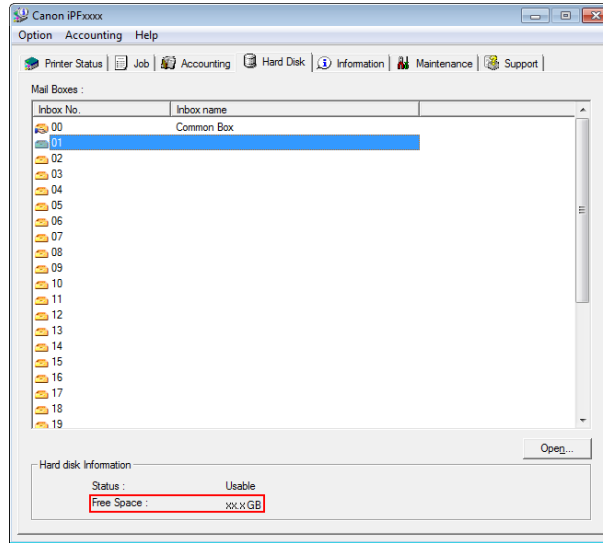
To view the box list, select **Stored Job** in Job Management. On the **Stored Job** page, the free hard disk space is shown in the upper-right corner when boxes are listed.



For details, refer to the RemoteUI help file.

## Using imagePROGRAF Status Monitor

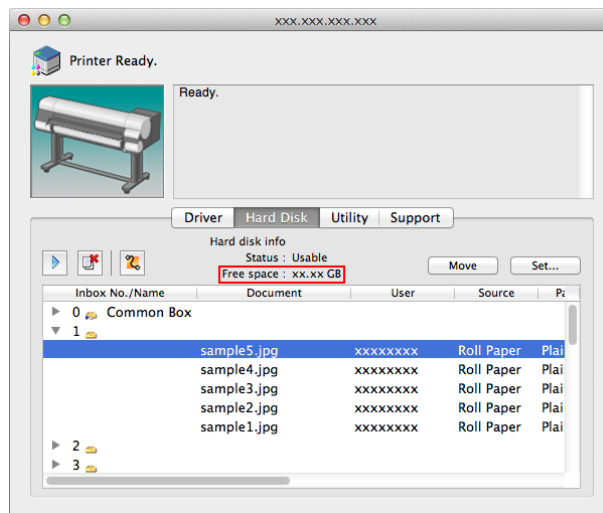
The **Hard Disk** sheet shows the free hard disk space.



For details, refer to the imagePROGRAF Status Monitor help file.

## Using imagePROGRAF Printmonitor

The **Hard Disk** pane shows the free hard disk space.



For details, refer to the imagePROGRAF Printmonitor help file.

## Erasing Data on the Printer's Hard Disk

When erasing all data on the hard disk, choose from the following three options.


This operation is only available from the Control Panel.

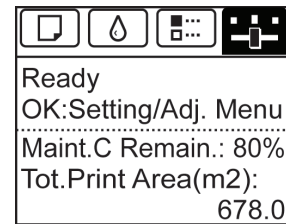
Erasure Method	Details
<b>High Speed</b>	Erases file management data for print job data stored on the printer's hard disk. Choose this method for relatively fast erasure. Because only the file management data is erased, the print job data itself is not erased. Note that it may be possible to read this data using commercial data recovery software.
<b>Secure High Spd.</b>	Overwrites the entire hard disk with random data. No verification is performed to check if the data was correctly written. Choose this method to erase highly confidential data. Note that it may be possible to read the overwritten data using specialized data recovery tools.
<b>Secure</b>	Overwrites the entire hard disk with 00, FF, and random data (one time each). Verification is performed to check if the data was correctly written. Choose this method to erase especially confidential data. It is virtually impossible to recover the overwritten data. Conforms to the DoD5220.22-M standard of the U.S. Department of Defense.



Important

- For a more secure method of preventing data recovery, we recommend physically or magnetically destroying the hard disk. In this case, the hard disk can no longer be used.
- **Erase HDD Data** is not available if there is a job queue. Additionally, print jobs are not processed during execution of **Erase HDD Data**.

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

- 3 Press ▲ or ▼ to select **System Setup**, and then press the **OK** button.

- 4 Press ▲ or ▼ to select **Erase HDD Data**, and then press the **OK** button.

- 5 Press ▲ or ▼ to select **High Speed**, **Secure High Spd.**, or **Secure**, and then press the **OK** button to display the confirmation screen.



Note

- If a password has been set on the printer, the **Admin.Pswd** screen is displayed. In this case, enter the password and press the **OK** button to go to the next step.
- As for the time required for deletion, confirm it on the Control Panel. However, when **High Speed** is selected, this finishes in several seconds.

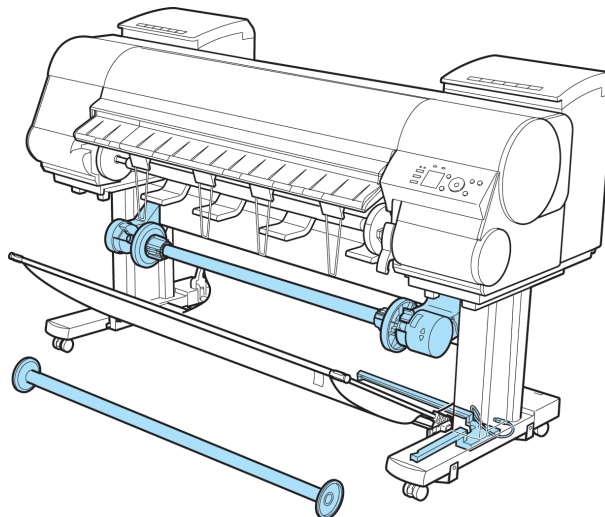
- 6 Press ▲ or ▼ to select **Yes**, and then press the **OK** button to start erasure.  
After the printer hard disk is erased, the printer automatically restarts.

## Optional accessories

### Media Take-up Unit

Automatically winds documents printed on rolls.

- Media Take-up Unit TU-06



Note

- For instructions on installing the Media Take-up Unit, refer to the Media Take-up Unit Setup Guide.
- For information on the types of paper compatible with the Media Take-up Unit, refer to the **Paper Reference Guide**.
- For Media Take-up Unit instructions, see "Using the Media Take-up Unit (Optional)." → P.365



Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461

## Network Setting

Network Environment .....	476
Using RemoteUI .....	478
Initial Settings .....	480
Mac OS Settings .....	487
Other Settings .....	488
Device Setup Utility (Windows) .....	491

Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

# Network Environment

## Network Environment

### System requirements

The system requirements, which vary depending on your network, are as follows.

- Printing over a TCP/IP network (when using IPv4)

- Compatible operating systems

- Windows XP
- Windows Server 2003
- Windows Server 2003 x64
- Windows Server 2003 R2
- Windows Server 2003 R2 x64
- Windows Vista
- Windows Vista x64
- Windows Server 2008
- Windows Server 2008 x64
- Windows 7
- Windows 7 x64
- Windows Server 2008 R2 x64
- Windows 8
- Windows 8 x64
- Windows Server 2012 x64
- Windows 8.1
- Windows 8.1 x64
- Windows Server 2012 R2 x64
- OS X v10.6.8 or later

- Printing over a TCP/IP network (when using IPv6)

- Compatible operating systems

- Windows Vista
- Windows Vista x64
- Windows Server 2008
- Windows Server 2008 x64
- Windows 7
- Windows 7 x64
- Windows Server 2008 R2 x64
- Windows 8
- Windows 8 x64
- Windows Server 2012 x64
- Windows 8.1
- Windows 8.1 x64
- Windows Server 2012 R2 x64
- OS X v10.6.8 or later



Note

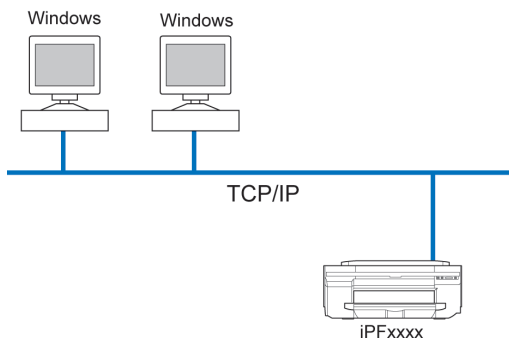
- When using IPv6, you must specify IPv6 on the Control Panel or in RemoteUI. For instructions, "Configuring TCP/IPv6 Network Settings" →P.482 or see "Configuring the Printer's TCP/IP Network Settings With RemoteUI." →P.484

## Network Environment

After confirming what type of network environment you will connect the printer to, set up the printer and computers as needed. For the specifications of the network interface, see "Specifications." →P.660

- Example of a Windows network

In Windows networks, print over TCP/IP.

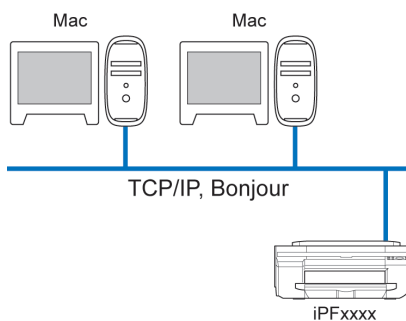


Note

- NetBIOS is not supported.

- Example of a Mac OS network

In Mac OS networks, print over TCP/IP using the Bonjour function.



# Using RemoteUI

## Using RemoteUI

RemoteUI is software with which you can access the printer via the network from your Web browser to confirm the printer status, operate jobs, and configure the settings. Since the software (Web server) for using RemoteUI is built in the printer, preparing software other than a Web browser is unnecessary. You can use RemoteUI if an image-PROGRAF printer on a network is connected to your computer. If you start your Web browser and specify the IP address of the printer, the RemoteUI screen is displayed, and you can use RemoteUI.



- To use RemoteUI, an IP address must be set on the printer in advance. For the method of setting an IP address, see "Configuring the IP Address on the Printer." →P.480

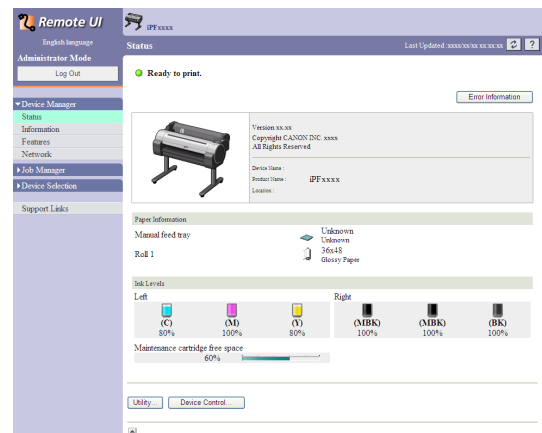
## What You Can Do With RemoteUI

With RemoteUI, you can access the printer via a network, configure network settings, and display the current status of the printer, various types of information, the processing status of jobs, etc.

## Starting RemoteUI

Start RemoteUI by the following operations.

- 1 Start your Web browser.
- 2 Enter the following URL in **Address** or **Location**.  
http://printer IP address or name/  
Example: http://xxx.xxx.xxx.xxx/
- 3 The RemoteUI screen is displayed.



- The screen slightly differs depending on the model of printer.

## Configuring the Network With RemoteUI

For details on configuring printer settings for networks, refer to the following topics.

- **Configuring the Printer's TCP/IP Network Settings With RemoteUI** →P.484
- **Specifying Printer-Related Information** →P.488

**Important**

- For the Web browser, use Netscape Navigator 6.0 or later, Internet Explorer 5.01 or later, or Firefox 1.5 or later. For Mac OS X, Safari 1.32 or later or 2.03 or later also is supported.
- This cannot be used connected via a proxy server. In environments where a proxy server is used, add the printer's IP address to **Exceptions** (addresses accessed without a proxy server) in the web browser proxy server settings. (Settings may vary depending on the network environment.)
- Enable JavaScript and cookies in the web browser.
- If you access RemoteUI with the printer name instead of its IP address, make sure the DNS settings are correctly configured.
- Depending on the network environment, you may not be able to start RemoteUI.
- Confirm whether **System Setup > Use RemoteUI** is set to **On** on the Control Panel of the printer.

**Note**

- RemoteUI also offers many other features. You can display the ink levels, check error messages and other status information, and cancel print jobs.
- By factory default, the English screen is displayed. To change the display language, select the desired language under **Language** before logging on in administrator mode.
- If you login in Administrator Mode, you can configure to use the Jumbo Frame function in the **Network** page. However, this function might not be able to be used depending on the network environment.

# Initial Settings

- Configuring the IP Address on the Printer ..... 480
  - Configuring the IP Address Using imagePROGRAF Device Setup Utility ..... 491
  - Configuring the IP Address Using the Printer Control Panel ..... 480
  - Configuring the IP Address Using ARP and PING Commands ..... 481
- Configuring TCP/IPv6 Network Settings ..... 482
- Configuring the Printer Driver Destination (Windows) ..... 483
- Configuring the Printer Driver Destination (Mac OS) ..... 483
- Configuring the Printer's TCP/IP Network Settings With RemoteUI ..... 484

## Configuring the IP Address on the Printer

You must configure the printer's IP address before using the printer in a TCP/IP network.

The printer's IP address is configured automatically when you install the printer driver following the instructions in the Setup Guide.

Configure the IP address by using **imagePROGRAF Device Setup Utility**, the printer Control Panel, or ARP or PING commands, if the IP address is changed, or if you change the printer connection mode to a network connection. For details on configuring the IP address, refer to the following topics.

- **Configuring the IP Address Using imagePROGRAF Device Setup Utility** →P.491 (Windows)
- **Configuring the IP Address Using the Printer Control Panel** →P.480
- **Configuring the IP Address Using ARP and PING Commands** →P.481



Important

- If you use a DHCP server for automatic assignment of the printer's IP address, printing may no longer be possible after the printer is turned off and on. This is because an IP address different from before has been assigned. Thus, when using DHCP server functions, consult your network administrator and configure the settings in one of the following ways.
  - Configure the setting for dynamic DNS updating  
In the printer menu, either set **DNS Dync update** to **On**, or activate the setting **Enable DNS Dynamic Update** in RemoteUI.  
(See "Menu Settings.") →P.442  
(See "Configuring the Printer's TCP/IP Network Settings With RemoteUI.") →P.484
  - Configure the setting for assignment of the same IP address each time the printer starts up




Note

- We recommend configuring the printer's IP address even if you will use the printer in networks other than TCP/IP networks. Configuring the printer's IP address enables you to use RemoteUI to configure the network settings and manage the printer with a web browser.  
For details on RemoteUI, see "Using RemoteUI." →P.478

## Configuring the IP Address Using the Printer Control Panel

This topic describes how to configure the printer's IP address on the Control Panel.

- 1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

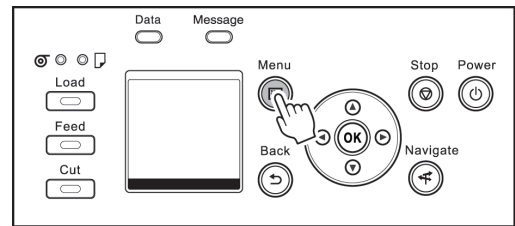
- 2** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 3** Press **▲** or **▼** to select **Interface Setup**, and then press the **OK** button.
- 4** Press **▲** or **▼** to select **TCP/IP**, and then press the **OK** button.
- 5** Press **▲** or **▼** to select **IPv4**, and then press the **OK** button.
- 6** Press **▲** or **▼** to select **IPv4 Settings**, and then press the **OK** button.
- 7** Press **▲** or **▼** to select **IP Address**, and then press the **OK** button.
- 8** After you press **◀** or **▶** to select the input field, numerical input is possible.
- 9** Press the **▲** or **▼** button to enter the value.

**Note**

- Pressing the **▲** button increases the number by 1. The maximum value is 9, after which 0 is displayed.
- Pressing the **▼** button decreases the number by 1. The minimum value is 0, after which 9 is displayed.
- Hold down **▲** or **▼** to increase or decrease the value continuously.
- Make sure the IP address you enter for the printer is not the same as any computer IP address in your network.

**10** Repeat steps 8 and 9 to complete the settings, and then press the **OK** button.

**11** Press the **Menu** button.  
If you have changed the settings, a confirmation message is displayed. Press **▲** or **▼** to select **Yes**, and then press the **OK** button.



**Important**

- Be sure to complete step 11. This will activate the values you have entered.
- If an error message is displayed, check the settings and correct any invalid values.


**Note**

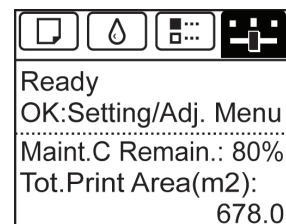
- You can also specify the subnet mask and default gateway on the Control Panel.

## Configuring the IP Address Using ARP and PING Commands

This topic describes how to configure the IP address using ARP and PING commands. To use the ARP and PING commands, you will need to know the printer's MAC address. You can confirm the MAC address on the Control Panel.

**1** Check the printer's MAC address.  
You can confirm the MAC address on the Control Panel as follows:

- 1.** On the **Tab Selection screen** of the Control Panel, press **◀** or **▶** to select the **Settings/Adj. tab** (  ).



2. Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
3. Press **▲** or **▼** to select **Interface Setup**, and then press the **OK** button.
4. Press **▲** or **▼** to select **Ethernet Driver**, and then press the **OK** button.
5. Press **▲** or **▼** to select **MAC Address**, and then press the **OK** button.



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.
- You can investigate the MAC address by printing an interface setting report.  
(See "Printing Interface Setting Reports.") →P.456

2 In Windows, open a command prompt, or in Mac OS, start Terminal.

3 Execute the following command to add entries to the ARP table for managing IP addresses and corresponding MAC addresses.

arp -s [IP address] [the printer's MAC address you have verified]  
Example: arp -s xxx.xxx.xxx.xxx 00-1E-8F-xx-xx-xx



Note

- In Mac OS when using Terminal, enter the arp command in the format arp -s xxx.xxx.xxx.xxx 00:1E:8F:xx:xx:xx. For details, refer to the help file for the command line.

4 Execute the following command to send the IP address to the printer and configure it.  
ping [IP address as specified in the ARP command] -l 479  
Example: ping xxx.xxx.xxx.xxx -l 479



Note

- In -l, the l is the letter l.
- In Mac OS when using Terminal, enter the ping command in the format ping -s 479 xxx.xxx.xxx.xxx. For details, refer to the help file for the command line.




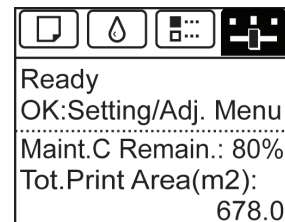
Note

- The subnet mask and default gateway are set to 0.0.0.0. Use RemoteUI to change the subnet mask and default gateway to match your network settings.  
For details on RemoteUI, see "Using RemoteUI." →P.478

## Configuring TCP/IPv6 Network Settings

When printing in a TCP/IPv6 network, you must configure the TCP/IPv6 settings on the Control Panel. Follow the steps below to configure the TCP/IPv6 network settings.

1 On the **Tab Selection screen** of the Control Panel, press **◀** or **▶** to select the Settings/Adj. tab (  ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

2 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

3 Press **▲** or **▼** to select **Interface Setup**, and then press the **OK** button.

4 Press **▲** or **▼** to select **TCP/IP**, and then press the **OK** button.



- 5 Press ▲ or ▼ to select **IPv6**, and then press the **OK** button.
- 6 Press ▲ or ▼ to select **IPv6 Support**, and then press the **OK** button.
- 7 Press ▲ or ▼ to select **On**, and then press the **OK** button.



Important

- Once you set **IPv6 Support** to **On**, the **IPv6 StlessAddrs** setting takes effect.



Note

- You can also configure **IPv6 StlessAddrs** and **DHCPv6** from the printer Control Panel.

## Configuring the Printer Driver Destination (Windows)

This topic describes how to specify the printer driver destination if the printer's IP address is changed, or if you will use the printer over a network connection instead of via USB connection.

The procedure described below is the configuration based on the LPR or Raw protocol using the standard TCP/IP port in Windows ( **Standard TCP/IP Port** ).



Important

- If you will use the printer in a TCP/IP network, make sure the printer's IP address is configured correctly.

- [Configuring the IP Address on the Printer](#) →P.480



Note

- This section describes the procedure in Windows 7.

- 1 Open the **Devices and Printers** window.
- 2 Right-click the icon of this printer and choose **Printer Properties** to open the printer properties window.
- 3 Click the **Port** tab to display the **Port** sheet.
- 4 Click **Add Port** to display the **Printer Ports** dialog box.
- 5 In the **Available Port** list, select **Standard TCP/IP Port**.
- 6 Click **New Port**.  
After the wizard starts, a window is displayed for the **Welcome to the Add Standard TCP/IP Printer Port Wizard**.
- 7 Click **Next**.
- 8 In **Printer Name or IP Address**, enter the printer's IP address. If the DNS is configured, you can also enter the DNS Domain Name.
- 9 Follow the instructions on the screen to add a printer port.
- 10 Click **Close** to close the **Printer Ports** dialog box.
- 11 Make sure the printer port you added is displayed under **Ports**, and that the port is selected.
- 12 Click **Close** to close the printer properties window.

## Configuring the Printer Driver Destination (Mac OS)

Specify the printer driver destination as follows if the printer's IP address is changed, or if you will use the printer over a network connection instead of via USB connection.

- If you switch to printing in a TCP/IP network, or if the printer's IP address is changed, see "Configuring the Destination in TCP/IP Networks ." →P.487
- If you switch to printing in a Bonjour network, see "Configuring the Destination for Bonjour Network ." →P.487


## Configuring the Printer's TCP/IP Network Settings With RemoteUI

Follow the steps below to configure the TCP/IP network settings.

### When using an IPv4 IP address

**1** Start the web browser and enter the following URL in the **Location** (or **Address** ) box to display the RemoteUI page.  
 http://**printer IP address or name**/  
 Example: http://xxx.xxx.xxx.xxx/

**2** Select **Administrator Mode** and click **Logon**.

 **Note** • If a password has been set on the printer, enter the password.

**3** Click **Network** in the **Device Manager** menu at left to display the **Network** page.

**4** Click **Edit** in the upper-right corner of the **TCP/IPv4** group to display the **Edit TCP/IP Protocol Settings** page.

**5** Refer to the TCP/IP Settings Items table to complete the settings.

TCP/IP Settings Items

Item	Details	Default Setting
<b>Use DHCP</b>	Activate this setting to use DHCP for configuring the IP address.	Off
<b>Use BOOTP</b>	Activate this setting to use BOOTP for configuring the IP address.	Off
<b>Use RARP</b>	Activate this setting to use RARP for configuring the IP address.	Off
<b>Enable DNS Dynamic Update</b>	Activate this setting to perform DNS server registration automatically.	Off
<b>Use Zeroconf Function</b>	Activate this setting to use Bonjour.	On
<b>IP Address</b>	Specify the printer's IP address.	0.0.0.0
<b>Subnet Mask</b>	Specify the printer's subnet mask.	0.0.0.0
<b>Gateway Address</b>	Specify the printer's default gateway.	0.0.0.0
<b>LPD Printing</b>	Activate this setting to use LDP Printing.	On
<b>IPP Printing</b>	Activate this setting to use IPP Printing.	On
<b>IPP Printer URI</b>	Specify the URI of the printer used for IPP printing using up to 252 characters.	printer
<b>RAW Printing</b>	Activate this setting to use Raw Printing.	On
<b>RAW Mode Bi-direction</b>	Activate this setting to use Raw mode bidirectional communication.	Off
<b>FTP Printing</b>	Activate this setting to use FTP Printing.	On
<b>Use Discovery</b>	Activate this setting to use SLP Discovery function.	On
<b>Scope</b>	Enter the SLP search range.	default
<b>SMTP Server Address</b>	Specify the SMTP server's IP address. You can also specify the SMTP server domain name, if desired.	0.0.0.0
<b>Primary DNS Server Address</b>	Specify the IP address of the primary DNS server.	0.0.0.0
<b>Secondary DNS Server Address</b>	Specify the IP address of the secondary DNS server.	0.0.0.0

Item	Details	Default Setting
<b>DNS Host Name</b>	Specify the printer host name, up to 63 characters (1–63 characters). Use single-byte letters, numbers, and - (hyphens). Do not use numbers or - for the first character or - for the last character.	NB-18GBipxxxxxx
<b>DNS Domain Name</b>	Specify the printer domain name, up to 63 characters. Use single-byte letters, numbers, - (hyphens), and . (periods). Do not use numbers, -, or . for the first character, or - or . for the last character.	blank
<b>Multicast DNS Service Name</b>	Specify the printer's Multicast DNS service name. (1–63 characters) This name will be displayed when Bonjour functions are used.	Canon iPFxxxx (xxxxxx)

**6** Click **OK** to display the **Network** page.



- If you specify to configure the IP address using DHCP, BOOTP, or RARP, there must be a server that supports such protocol running in the network.
- If you specify to configure the IP address using DHCP, BOOTP, or RARP, the IP address obtained by this method is used first. If you cannot obtain the IP address, the address specified in **IP Address** is used.
- It takes up to two minutes to determine whether DHCP, BOOTP, or RARP are available. We recommend clearing check boxes of options you will not use.
- If you are using a DNS server, select **Enable DNS Dynamic Update** and enter the IP Address for DNS servers and DNS domain name in **Primary DNS Server Address**, **Secondary DNS Server Address** and **DNS Domain Name**, respectively.

**When using an IPv6 IP address**

**1** Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.  
 http://**printer IP address or name**/  
 Example: http://xxx.xxx.xxx.xxx/

**2** Select **Administrator Mode** and click **Logon**.



- If a password has been set on the printer, enter the password.

**3** Click **Network** in the **Device Manager** menu at left to display the **Network** page.

**4** Click **Edit** in the upper-right corner of the **TCP/IPv6** group to display the **Edit TCP/IPv6 Protocol Settings** page.

**5** Refer to the TCP/IPv6 Settings Items table to complete the settings.

TCP/IPv6 Settings Items

Item	Details	Default Setting
<b>Use IPv6</b>	Activate to enable IPv6.	Off
<b>Use DHCPv6</b>	Activate when using a DHCPv6 server to acquire the IP address.	Off
<b>Use a stateless address</b>	Activate when using an IPv6-compatible router to acquire the IP address.	On
<b>Use a manual address</b>	Activate when configuring the IP address manually.	Off
	<b>IP Address</b>	Enter the printer's IP address.
	<b>Prefix Length</b>	Enter the IP address prefix length.
	<b>Default Router Address</b>	Enter the default router address.
	<b>Prefix Length</b>	Enter the prefix length of the default router address.
<b>Primary DNS Server Address</b>	Specify the IP address of the primary DNS server.	::

Item	Details	Default Setting
<b>Secondary DNS Server Address</b>	Specify the IP address of the secondary DNS server.	::
<b>Use the same host name and domain name as IPv4</b>	Activate when using the same DNS host and domain names as for IPv4.	Off
<b>DNS Host Name</b>	Specify the printer host name, up to 63 characters (1–63 characters). Use single-byte letters, numbers, and - (hyphens). Do not use numbers or - for the first character or - for the last character.	NB-18GBip6xxxxxx
<b>DNS Domain Name</b>	Specify the printer domain name, up to 63 characters. Use single-byte letters, numbers, - (hyphens), and . (periods). Do not use numbers, -, or . for the first character, or - or . for the last character.	blank
<b>Perform dynamic updating of stateful addresses</b>	Activate this setting to automatically register the stateful address with the DNS server.	Off
<b>Dynamically update the stateless address</b>	Activate this setting to automatically register the stateless address with the DNS server.	Off
<b>Dynamically update the manual address</b>	Activate this setting to automatically register the manual address with the DNS server.	Off

**6** Click **OK** to display the **Network** page.



- If you are using a DNS server, select **Enable DNS Dynamic Update** and enter the IP Address for DNS servers and DNS domain name in **Primary DNS Server Address**, **Secondary DNS Server Address** and **DNS Domain Name**, respectively.

## Mac OS Settings

Configuring the Destination in TCP/IP Networks .....	487
Configuring the Destination for Bonjour Network .....	487

### Configuring the Destination in TCP/IP Networks

If you use the printer in a TCP/IP network, register the printer in **Print & Scan** (This is identified as **Printers & Scanners** or **Print & Fax** in other versions of Mac OS.) in the Mac OS **System Preferences**.



Note

- For details on how to register a printer using a TCP/IP network, see the OS User Manual.



Important

- If you use the printer in a TCP/IP network, make sure the printer's IP address is configured correctly. (See "Configuring the IP Address Using the Printer Control Panel.") →P.480

### Configuring the Destination for Bonjour Network

If you use the printer in a network that uses the Bonjour function, register the printer in **Print & Scan** (This is identified as **Printers & Scanners** or **Print & Fax** in other versions of Mac OS.) in the Mac OS **System Preferences**.



Note

- For details on how to register a printer using Bonjour, see the OS User Manual.



Important

- Bonjour and IP Print (Auto) do not support printing to a printer on other network groups that require a router for connection. Make sure the computer and printer are on the same network. For information about network settings, ask your network administrator.
- By default, Bonjour is activated on the printer. You can activate or deactivate the Bonjour function or change the printer name by using RemoteUI. For instructions on changing it, see "Using RemoteUI." →P.478

# Other Settings

Specifying Printer-Related Information ..... 488  
 Configuring the Communication Mode Manually ..... 489  
 Email Notification When Printing is Finished or Errors Occur ..... 490  
 Initializing the Network Settings ..... 490

## Specifying Printer-Related Information

Follow the steps below to specify device information and security settings.

**1** Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.

http://printer IP address or name/  
 Example: http://xxx.xxx.xxx.xxx/

**2** Select **Administrator Mode** and click **Logon**.



• If a password has been set on the printer, enter the password.

Note

**3** Click **Information** in the **Device Manager** menu at left to display the **Information** page.

**4** To display the relevant settings page, click **Edit** in the upper-right corner of **Device Information** or **Security**, depending on what information you want to specify.  
 To change the administrator password, click the **Change Password** button in the **Security** group.

**5** Refer to the table of settings for device information and security as you complete these settings. Security setting items are displayed when you click the **Change Password** button in the **Security** group.

### Device Information Settings

Item	Details	Default Setting
<b>Device Name</b>	Enter a device name. (0–32 characters)	blank
<b>Location</b>	Enter the location where the device is installed. (0–32 characters)	blank
<b>Administrator</b>	Enter the administrator's name. (0–32 characters)	blank
<b>Phone</b>	Enter the administrator's contact information. (0–32 characters)	blank
<b>Comments(E-mail)</b>	Enter any comments regarding the administrator. (0–32 characters)	blank

### Security Settings


Item	Details	Default Setting
<b>New Password</b>	Enter the new password. (0-9999999)	blank
<b>Confirm</b>	Enter the new password again to confirm it. (0-9999999)	blank

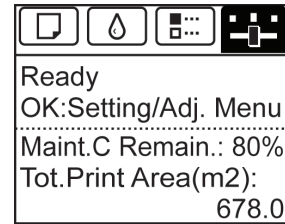
\*1: On the **Security** settings screen, besides entering a password, you can specify other security-related information, such as IP address-based SNMP or TCP usage restrictions, MAC address-based access restrictions, or IPP and FTP authentication settings.

**6** Click **OK** to activate the settings.

## Configuring the Communication Mode Manually

This topic gives instructions for configuring the communication mode manually.

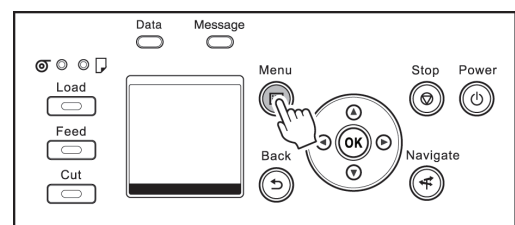
- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** (  ).



Note

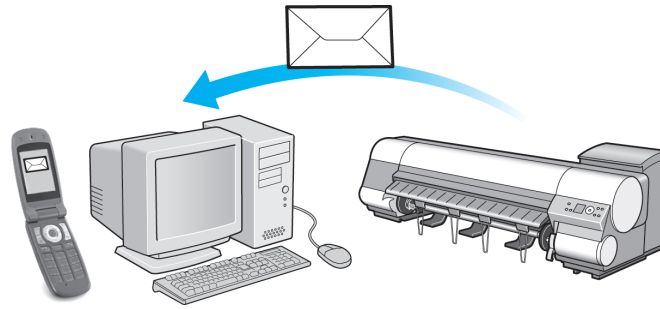
- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 3 Press ▲ or ▼ to select **Interface Setup**, and then press the **OK** button.
- 4 Press ▲ or ▼ to select **Ethernet Driver**, and then press the **OK** button.
- 5 Press ▲ or ▼ to select **Auto Detect**, and then press the **OK** button.
- 6 Press ▲ or ▼ to select **Off**, and then press the **OK** button.  
The display reverts to the **Ethernet Driver** menu.
- 7 Press ▲ or ▼ to select **Comm.Mode**, and then press the **OK** button.
- 8 Press ▲ or ▼ to select the communication mode, and then press the **OK** button.  
The display reverts to the **Ethernet Driver** menu.
- 9 Press ▲ or ▼ to select **Ethernet Type**, and then press the **OK** button.
- 10 Press ▲ or ▼ to select the Ethernet type, and then press the **OK** button.  
The display reverts to the **Ethernet Driver** menu.
- 11 Press ▲ or ▼ to select **Spanning Tree**, and then press the **OK** button.
- 12 Press ▲ or ▼ to enable or disable spanning tree support, and then press the **OK** button.  
The display reverts to the **Ethernet Driver** menu.
- 13 Press the **Menu** button.  
If you have changed the settings, a confirmation message is displayed. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.  
The new settings will take effect after the printer restarts.



## Email Notification When Printing is Finished or Errors Occur

The printer can notify you of the printer status by email. Even when you are away from the printer, you can know when printing is finished or if errors occur. Receive notification via email on your mobile phone or at your computer.



Use the **imagePROGRAF Status Monitor** (Windows) function to set up email recipients and message timing. Besides being informed of finished print jobs or errors, you can also complete settings for email notification when service is needed or it's time to replace consumables. For detailed instructions, see "Specifying Printer-Related Information." →P.488



- For details on email notification using **imagePROGRAF Status Monitor** (in Windows), refer to the **imagePROGRAF Status Monitor** help.
- Mail server authentication is only supported with **imagePROGRAF Status Monitor**.

## Initializing the Network Settings

Use RemoteUI to restore the network settings to the default values as follows.



- Initializing the network settings will also restore the default value of the printer's IP address. As a result, the RemoteUI page cannot be displayed in the web browser after this procedure.
- For instructions on reconfiguring the IP address, see "Configuring the IP Address on the Printer." →P.480
- For details on RemoteUI, see "Using RemoteUI." →P.478

**1** Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.  
 http://printer IP address or name/  
 Example: http://xxx.xxx.xxx.xxx/

**2** Select **Administrator Mode** and click **Logon**.



- If a password has been set on the printer, enter the password.

**3** Click **Network** in the **Device Manager** menu at left to display the **Network** page.

**4** Click **Reset to Default settings** in the lower-right corner of the **Network Interface** group.

**5** After confirming the message, click **OK** to restore the network settings to the default values.



- You can also use **imagePROGRAF Device Setup Utility** or the Control Panel to restore the default network settings.

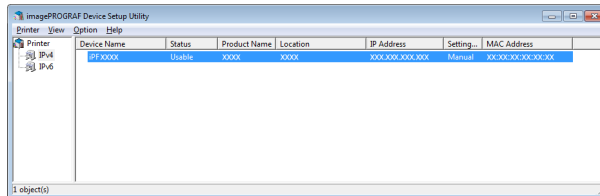


# Device Setup Utility (Windows)

imagePROGRAF Device Setup Utility .....	491
Installing imagePROGRAF Device Setup Utility .....	491
Configuring the IP Address Using imagePROGRAF Device Setup Utility .....	491

## imagePROGRAF Device Setup Utility

**imagePROGRAF Device Setup Utility** is a utility to establish communication between the printer and your computer by completing relevant settings. After the printer is installed, for example, you can use **imagePROGRAF Device Setup Utility** to complete the network settings initially.



- Starting **imagePROGRAF Device Setup Utility** will show a list of printers found on the network. In this list, select the printer (specifically, the printer's MAC address) that you want to set up, and then configure the basic settings from your computer, such as the printer's IP address and the network frame type.
- You can see which printers are online in the network by checking the printer list. Communication between your computer and these printers is possible.



- We recommend that your network or printer administrator complete the setup work using **imagePROGRAF Device Setup Utility**.
- For details, refer to the **imagePROGRAF Device Setup Utility** help.

## Installing imagePROGRAF Device Setup Utility

Install **imagePROGRAF Device Setup Utility** from the User Software CD-ROM provided with the printer as follows:

- 1 Insert the User Software CD-ROM in the CD-ROM drive.
- 2 On the **Setup Menu** window, click **Install Individual Software**.
- 3 Click **Install** in **imagePROGRAF Device Setup Utility**.
- 4 Follow the instructions on the screen to proceed with the installation.

## Configuring the IP Address Using imagePROGRAF Device Setup Utility

On a computer running Windows, you can use **imagePROGRAF Device Setup Utility** provided with the printer to configure the printer's IP address. This topic describes how to configure the IP address using **imagePROGRAF Device Setup Utility**.



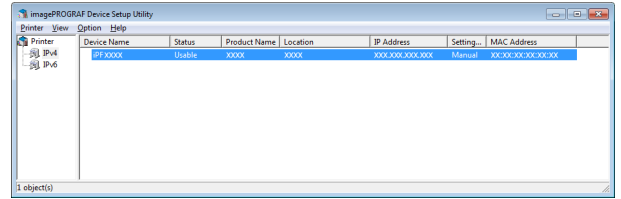
- To configure network settings, you must be logged in with administrative rights such as **Administrator** account. We recommend that your network administrator configure the network settings.



- For instructions on installing **imagePROGRAF Device Setup Utility**, see "Installing imagePROGRAF Device Setup Utility." →P.491

### When specifying an IPv4 IP address

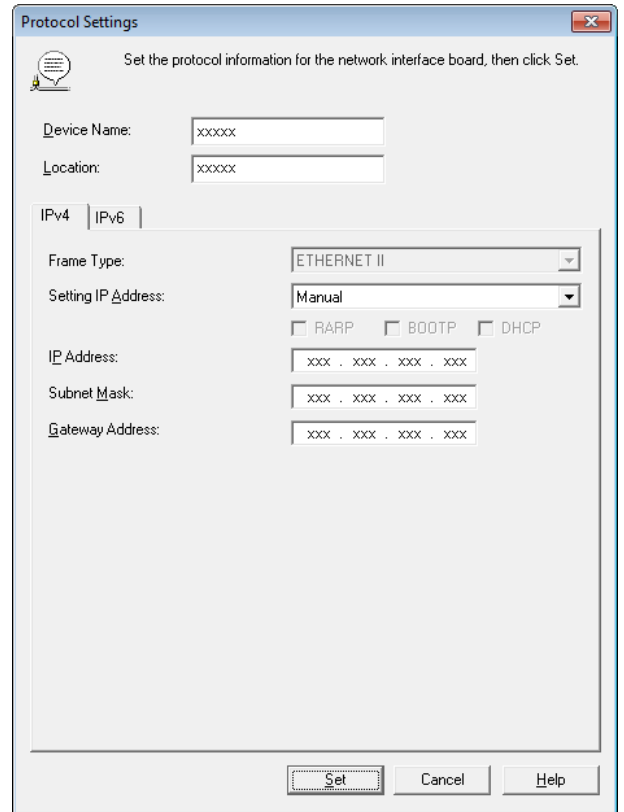
**1** Start **imagePROGRAF Device Setup Utility** from the **start** menu.



**2** In the **Device Name** list displayed, select the printer to configure.

**3** Choose **Protocol Settings** from the **Printer** menu.

**4** Select the **IPv4** tab.



**5** In the **Setting IP Address** list, choose **Manual**.

**6** Enter the IP address assigned to the printer and click the **Set** button.

**7** Click **OK** after the **Confirmation** message is displayed.

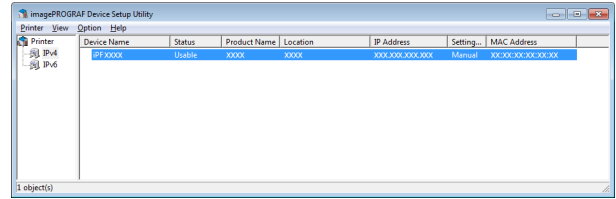
**8** Exit **imagePROGRAF Device Setup Utility**.



- To configure the IP address automatically, choose **Auto** in the **Setting IP Address** list and select **DHCP**, **BOOTP**, or **RARP**.
- You can also specify the subnet mask and default gateway.

When specifying an IPv6 IP address

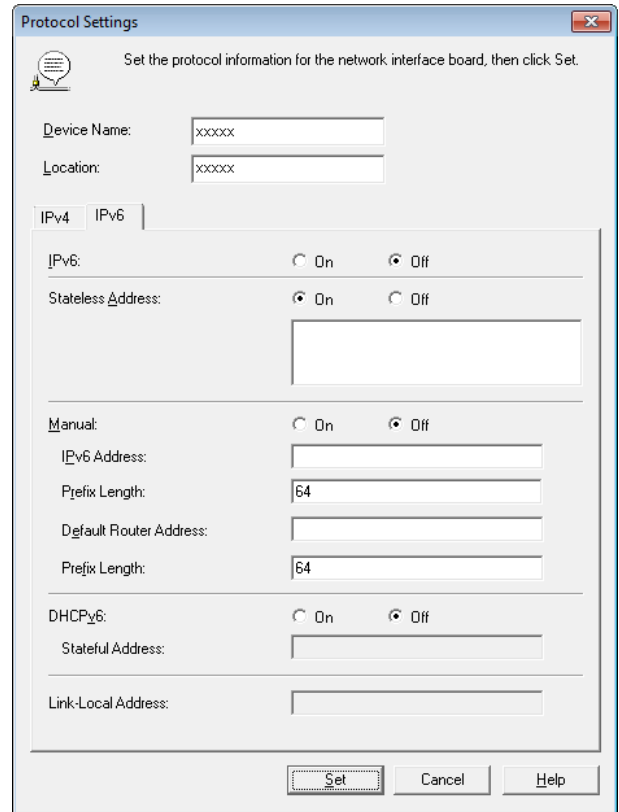
1 Start imagePROGRAF Device Setup Utility from the **start** menu.



2 In the **Device Name** list displayed, select the printer to configure.

3 Choose **Protocol Settings** from the **Printer** menu.

4 Select the **IPv6** tab.



5 In **IPv6**, select **On**.

6 When there is an IPv6-compatible router in the network environment, select **On** in **Stateless Address**. Additionally, when there is an DHCPv6-compatible server in the network environment, select **On** in **DHCPv6**.



• When there is no IPv6-compatible router or DHCPv6-compatible server, select **On** in **Manual** and enter the **IPv6 Address** and **Prefix Length**.

7 Click **Set**.

8 Click **OK** after the **Confirmation** message is displayed.

9 Exit imagePROGRAF Device Setup Utility.

# Memo

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475

## Print Job Management

Status Monitor (Windows) .....	496
Printmonitor (Mac OS) .....	499
Accounting (Windows) .....	501
Basic Print Job Operations .....	513
Advanced Print Job Operations .....	532

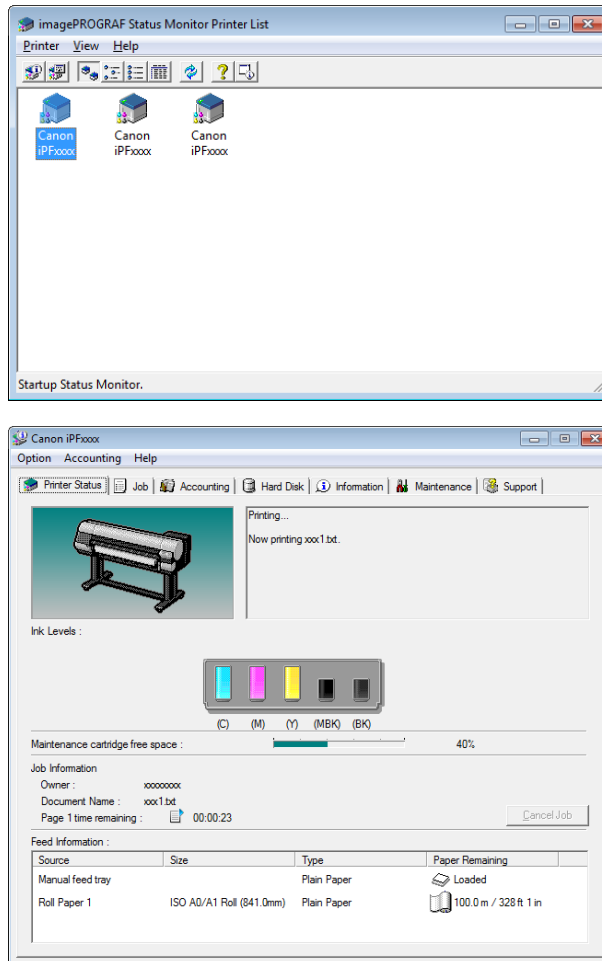
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

# Status Monitor (Windows)

The Features of imagePROGRAF Status Monitor ..... 496  
 Job Management Using imagePROGRAF Status Monitor ..... 497

## The Features of imagePROGRAF Status Monitor

imagePROGRAF Status Monitor is a utility for checking the printer status and managing print jobs. Two screens are available in imagePROGRAF Status Monitor : **Printer List** shows a list of printers, and **Status Monitor** shows details for each printer.



- You can view a list of the printers for which printer drivers have been installed on your computer, printers connected to your computer, and printers found on the network.
- If a printer error occurs, you can investigate the corrective action immediately.
- Printer status can be checked in real time on a computer monitor.
- Displays the ink level of every color in the printer. An icon and warning message will notify you when ink levels are low.
- The type of paper loaded in each media source is identified. You can also check to see if paper has run out.
- This way, the utility enables you to check printer information and take care of printer maintenance for optimal printing results.
- You can also set up automatic email notification of any printer problems or errors to email addresses you designate in advance.
- You can check the status of the hard disk and the documents saved on the hard disk.
- You can use the Accounting Manager to collect the print job logs for the printers and check information such as the printing costs.

For details of the Accounting Manager, see "Accounting Manager." →P.501

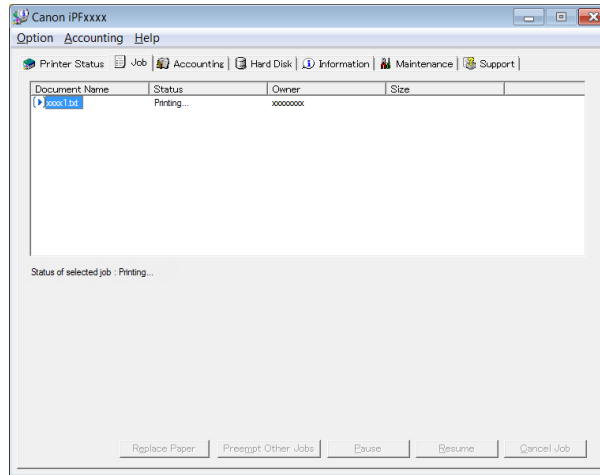


- For details, refer to the imagePROGRAF Status Monitor help.

Note

## Job Management Using imagePROGRAF Status Monitor

You can use the **Job** sheet in imagePROGRAF Status Monitor for operations such as pausing and canceling print jobs.



Important

- Unless otherwise noted, the job operation buttons only affect your own print jobs. The print jobs of other users cannot be controlled.

### • Preempting Other Jobs

If you select a print job and click the **Preempt Other Jobs**, the selected job is printed ahead of other jobs including the jobs of other users.



Note

- You cannot print ahead of the currently printing job.

### • Pausing/Resuming Print Jobs

Selecting a print job and clicking the **Pause** button pauses printing of the selected job.

To resume printing of a paused print job, select the print job and click the **Resume** button.



Note

- Once all the print data for a print job has been sent to the printer, the job can no longer be paused/resumed.

### • Canceling Print Jobs

Selecting a print job and clicking the **Cancel Job** button cancels printing of the selected job.



Note

- You cannot cancel other users' print jobs.

### • Printing Held Jobs

Printing of the job with a **Status of Holding** is paused because the paper specified by the driver does not match the paper currently loaded in the printer.

Use the procedure below to print the held job.

- 1 Select the held job and click the **Replace Paper** button.

## 2 Replace the paper in the printer with the correct paper.



- To continue printing without changing the paper in the printer, select the held job and click **Continue to print** button.
- The printing behavior when the paper specified by the driver does not match the paper currently loaded in the printer can be changed by using **Detect Mismatch** in the operation panel menu. Refer to "Menu Settings" → [P.442](#) for details.

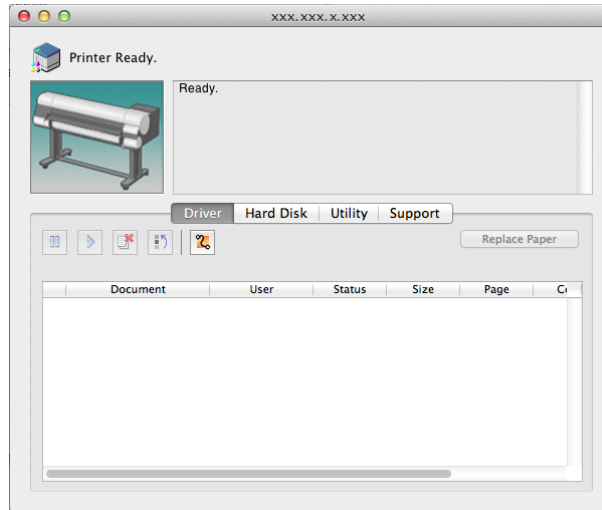


# Printmonitor (Mac OS)

The Features of imagePROGRAF Printmonitor ..... 499  
 Job Management Using imagePROGRAF Printmonitor ..... 500

## The Features of imagePROGRAF Printmonitor

imagePROGRAF Printmonitor is a utility for checking the printer status and managing print jobs.



- Printer status can be checked in real time on a computer monitor.
- You can check the status of print jobs, cancel jobs, and manage them as needed.
- If a printer error occurs, you can investigate the corrective action immediately.
- You can also set up automatic email notification of any printer problems or errors to email addresses you designate in advance.
- You can check the status of the hard disk and the documents saved on the hard disk.

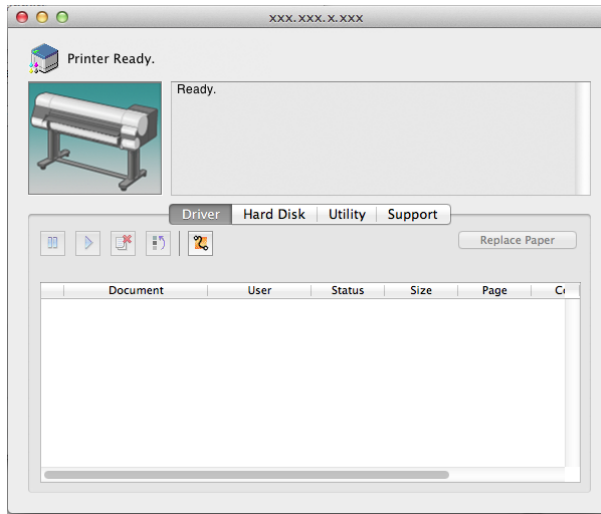


Note

- If the status of the desired printer is not shown in imagePROGRAF Printmonitor, select the printer again as follows.
  1. Make sure the printer is on and connected to the network or to a local port.
  2. In the **Printer** menu, select the name of the desired printer. After the printer is detected, the printer status is shown.
  3. If information about the printer is not shown in step 2, choose **Search Printer** in the **Printer** menu. Printer names listed in the **Printer** menu are updated with the printers that are now detected.
  4. In the **Printer** menu, select the name of the desired printer. After the printer is detected, the printer status is shown.


## Job Management Using imagePROGRAF Printmonitor

You can use the **Driver** Panel in imagePROGRAF Printmonitor for operations such as pausing and canceling print jobs.



### • Pausing/Resuming Print Jobs

Selecting a print job and clicking the  button pauses printing of the selected job.

To resume printing of a paused print job, select the print job and click the  button.



• Once all the print data for a print job has been sent to the printer, the job can no longer be paused/resumed.


### • Canceling Print Jobs

Selecting a print job and clicking the  button cancels printing of the selected job.



• You cannot cancel other users' print jobs.

### • Preempting Other Jobs

If you select a print job and click the  button, the selected job is printed ahead of the job that currently precedes it in the print queue.

### • Printing Held Jobs

Printing of the job with a **Status** of **Holding** is paused because the paper specified by the driver does not match the paper currently loaded in the printer.

Use the procedure below to print the held job.

**1** Select the held job and click the **Replace Paper** button.

**2** Replace the paper in the printer with the correct paper.



• To continue printing without changing the paper in the printer, select the held job and click **Continue to print** button.

# Accounting (Windows)

- Accounting Manager ..... 501
- Launching the Accounting Manager ..... 501
- Accounting Manager Main Window ..... 502
  - Job List Area ..... 504
- Accounting Manager Basic Procedures ..... 505
- Configuring Unit Costs in Accounting Manager ..... 505
  - Setting the Unit Cost for Ink ..... 506
  - Setting the Unit Cost for Paper ..... 507
  - Setting the Unit Cost for Items Other Than Ink and Paper ..... 508
- Configuring Units and Display Settings in Accounting Manager ..... 509
- Automatically Acquiring Print Job Logs at Regular Intervals ..... 509
- Canceling Regular Print Job Log Acquisition ..... 510
- Switching Between Displaying Jobs on Printer and Regularly Acquired Jobs ..... 510
- Exporting Print Job Data as a CSV File ..... 510
- Displaying Job Properties or Period Properties ..... 511
- Showing, Saving and Loading Selected Unit Cost Data ..... 512
- Showing the Total Amount of Ink and Paper Consumed ..... 512

## Accounting Manager

The Accounting Manager stores the printer's print job logs so that you can use the information for checking printing costs, etc.

The benefits of using the Accounting Manager are outlined below.

- **Print Job Log Collection**  
This allows you to check which documents were printed from each printer, who printed them and when.
- **Calculation of the Total Pages Used and the Total Cost**  
This allows you to use the collected print job logs to calculate totals for items such as the number of pages printed, the amount of paper used and the printing costs incurred.
- **Regular Data Acquisition for Print Jobs**  
Job logs can be automatically collected periodically.
- **Exporting Print Job Data**  
This allows you to export collected print job data as a CSV file.



Important

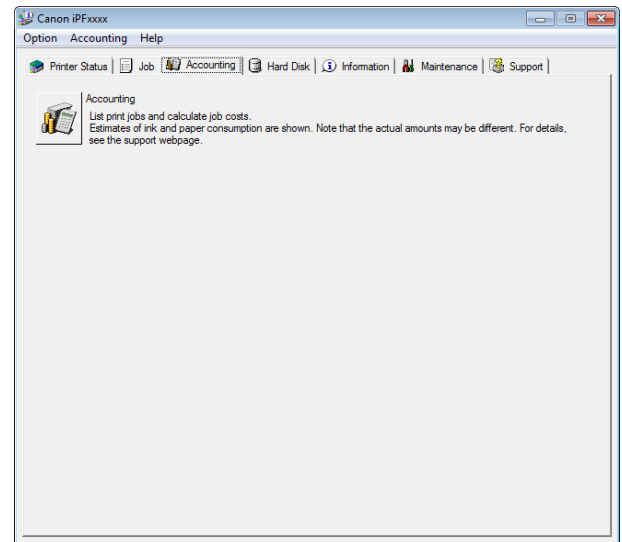
- The Accounting Manager in Status Monitor displays approximate estimates of the amount of paper consumed and the ink consumed per job. Canon cannot guarantee the accuracy of these estimates. These estimates will also vary depending on the conditions of printer use.
- Print job log collection is not performed when **Set./Adj. Menu -> System Setup -> Show Job Log** of the control panel is **Off**. However,
  - even if **Show Job Log** is set to **Off**, regularly acquired jobs that already have been retrieved at that time are displayed.
  - When **Show Job Log** has been set to **On** again, all jobs within the printer at that time are displayed.

## Launching the Accounting Manager

The procedure for launching the Accounting Manager is shown below.

- 1** Open the imagePROGRAF Status Monitor window.

- 2** Select **Accounting** in the **Accounting** menu.  
Or, open the **Accounting** sheet and click the **Accounting** button.

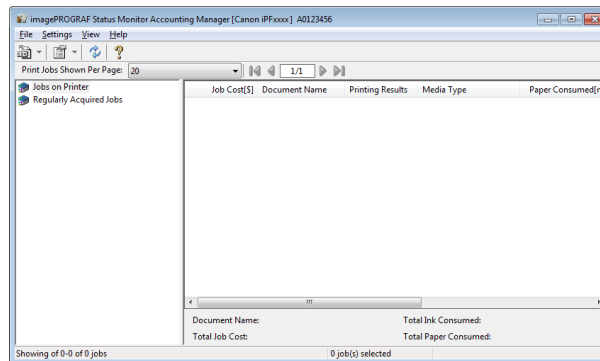


Note

- If Show Job Log is set to off and an administrator password is configured in the printer, the administrator password needs to be entered on startup. If the password is correct, you are logged on as administrator and Accounting starts. Furthermore, when you exit from Accounting, you can choose to log off as administrator.
- If you log off as administrator, you need to enter the password again the next time it starts.
- The administrator password can be set or cleared using Chg.Admin.Pswd/Init.Admin.Pswd in the Admin. Menu in the Set./Adj. Menu in the printer. The administrator menu can only be displayed and configured by the administrator.

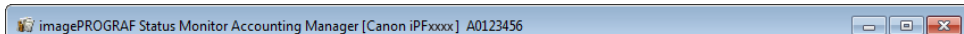
## Accounting Manager Main Window

The Accounting Manager main window consists of a title bar, menu bar, toolbars, listed job selection area, job list area, totals area and status bar.



### • Title Bar

This displays the printer model, its serial number and the port number it is using.



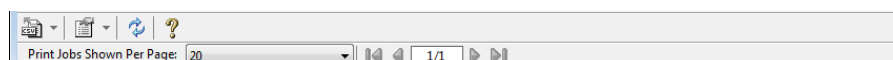
### • Menu Bar

Allows you to select the menu options required for operation.



### • Toolbars

Provide tool buttons and pull-down menus for the main operations.



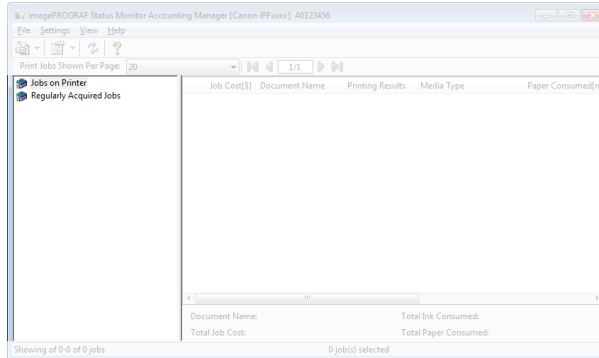


- You can opt to either show or hide the toolbars in the **View** menu.

- Listed Job Selection Area**

You can use this area to select which job log is displayed.

If you are using regular data acquisition, this area allows you to view the collective job logs for each specified period.

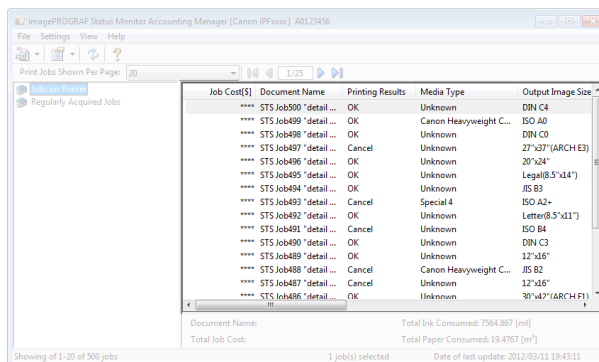


For more information on how to select the job logs displayed, see "Switching Between Displaying Jobs on Printer and Regularly Acquired Jobs." →P.510

- Job List Area**

This area lists the details of acquired jobs.

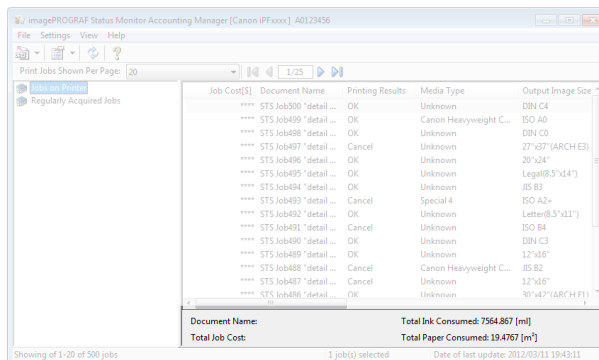
Displays a list of the jobs in the printers or periodically acquired jobs. (See "Job List Area.") →P.504



- You can change the items that are displayed and the display order using the **Advanced Display Settings** dialog box. The **Advanced Display Settings** dialog box can be displayed by selecting **Advanced Display Settings** from the **Show** menu.

- Totals Area**

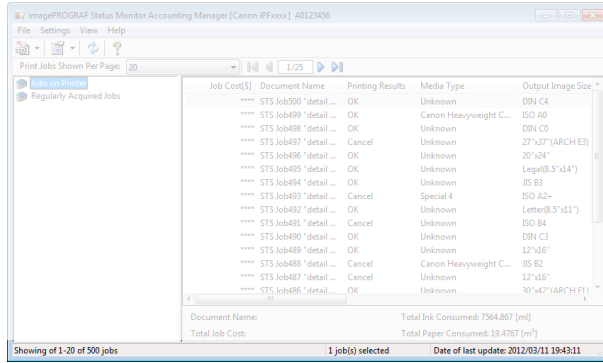
Displays the total costs for the selected job and the amounts of paper and ink consumed.



- If you are viewing regularly acquired print jobs, selecting a period on the left side of the window displays the total costs for that period and the amounts of paper and ink consumed.

• **Status Bar**

Displays messages and other information.



## Job List Area

The job items and details that can be displayed in the job list area are as follows.

• **No.**

The job serial number.

• **Job Cost**

The cost of printing.



• If the ink and paper unit costs are not set, \*\*\*\* is displayed.

Note

• **Document Name**

This is the name of the printed document.

• **Printing Results**

**OK** is displayed when the print process was executed, and **Cancel** is displayed if the print process was not executed.

• **Media Type**

This is the type of paper used in printing.

• **Output Image Size**

The size of the image used for printing.



• If the job has multiple pages, the size of the last page is displayed.

Note

• **Paper Consumed**

The area of paper used for printing.



• The **Paper Consumed** may differ from the product of **Paper Width** and **Paper Length**.

Note

• **Paper Width**

The width of paper used for printing.



• If the job has multiple pages, the width of the last page is displayed.

Note

• **Paper Length**

The length of paper used for printing.

• **Ink Consumed**

The amount of ink used for printing.

- **Owner**

The sender of the job.

- **Print Job Start Time/Print Time**

The time when printing started and the time taken to print.

- **Number of Pages**

The number of pages printed.

- **Roll Paper Width**

The width of roll paper used for printing.

- **Paper Cost**

The cost of paper used for printing.



Note

- If the paper unit cost is not set, \*\*\*\* is displayed.

- **Total Ink Cost**

The total value of the cost of ink used for printing.



Note

- If the ink unit cost is not set, \*\*\*\* is displayed.

- **Total of Other Costs**

The total value of costs other than paper and ink.

- **Ink Cost Details**

The cost of each ink color.

- **Ink Consumption Details**

The amount of each color of ink used.

## Accounting Manager Basic Procedures

The first time you use the Accounting Manager, use the following procedures to configure the settings.

1

Configure unit costs, including the costs of ink and paper.

For details of the unit cost settings, see "Configuring Unit Costs in Accounting Manager." →P.505

2

Set options such as the units displayed.

For details of the unit settings, see "Configuring Units and Display Settings in Accounting Manager." →P.509

3

If you are using Regular Data Acquisition, configure the Regular Data Acquisition settings.

For details of the Regular Data Acquisition settings, see "Automatically Acquiring Print Job Logs at Regular Intervals." →P.509

4

Specify the jobs to be listed.

For details of how to select the job logs displayed, see "Switching Between Displaying Jobs on Printer and Regularly Acquired Jobs." →P.510

This displays the required print job logs and lists the details.

## Configuring Unit Costs in Accounting Manager

Select **Unit Costs** in the **Settings** menu to open the **Unit Costs** dialog box. Configure the unit cost settings in this dialog box.



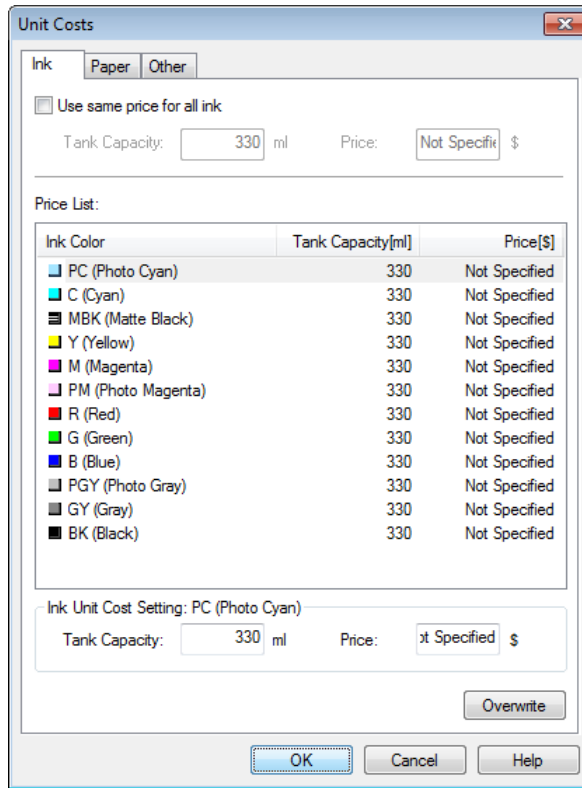
Note

- When you select a job and then open the **Unit Costs** dialog box, items with unit costs that have not yet been configured for that job are shown highlighted.

- **Setting the Unit Cost for Ink** →P.506
- **Setting the Unit Cost for Paper** →P.507
- **Setting the Unit Cost for Items Other Than Ink and Paper** →P.508

## Setting the Unit Cost for Ink

Open the **Ink** sheet. Set the unit cost for ink in this sheet.



### To set the same unit cost for all the inks

- 1 Select the **Use same price for all ink** checkbox.
- 2 Enter the **Tank Capacity** and corresponding **Price**.
- 3 Click the **OK** button.

• Your settings are not applied until you click the **OK** button.

### To set different unit costs for each ink color

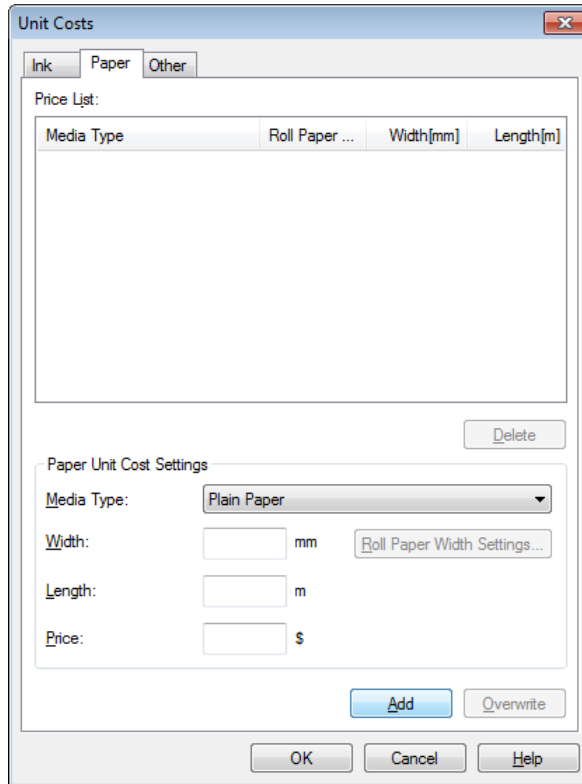
- 1 Select the ink color to be costed.
- 2 Enter the **Tank Capacity** and corresponding **Price**.
- 3 Click the **Overwrite** button.
- 4 Repeat steps 1 to 3 for all the inks.
- 5 Click the **OK** button.

• Your settings are not applied until you click the **OK** button.




## Setting the Unit Cost for Paper

Opens the **Paper** sheet. This sheet is used to configure the unit cost of paper.



### Setting Standard Prices

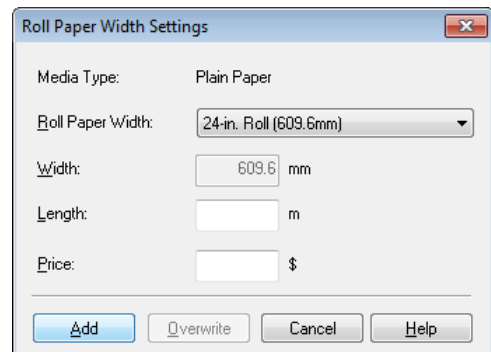
- 1 Select the media type in **Media Type**.
- 2 Enter the **Width** and **Length** of the paper, as well as the **Price** for the area of the configured width x height.
- 3 Click the **Add** button. To change the unit cost of a media type that has already been configured, click the **Overwrite** button.
- 4 Click the **OK** button.

 • The settings are not applied until you click the **OK** button.

**Important**

### Specifying Price by Roll Paper

- 1 Select the media type in **Media Type**.
- 2 Click the **Roll Paper Width Settings** button to display the **Roll Paper Width Settings** dialog box.



- 3** Enter the **Roll Paper Width** and **Length** of the paper, as well as the **Price** for the configured length.
- 4** Click the **Add** button to return to the **Paper** sheet.
- 5** To change the unit cost of a media type that has already been configured, click the **Overwrite** button.
- 6** Click the **OK** button.

**Important**

- If you do not set the standard prices, you cannot set the price for each roll paper.
- If the **Roll Paper Width** is set to the same value as the **Width** of the paper configured in the standard prices, the cost is calculated using the price configured in the **Roll Paper Width Settings** dialog box.
- The settings are not applied until you click the **OK** button.

## Setting the Unit Cost for Items Other Than Ink and Paper

Open the **Other** sheet. Use this sheet to set any price for items other than inks and paper.

The screenshot shows the 'Unit Costs' dialog box with the 'Other' tab selected. At the top, there are three tabs: 'Ink', 'Paper', and 'Other'. Below the tabs is a 'Price List' section containing a table with three columns: 'Name', 'Unit Cost[\$]', and 'Allocated'. The table is currently empty. Below the table is a 'Delete' button. Underneath the table is a section for entering new unit costs, with fields for 'Name', 'Unit Cost' (with a '\$' symbol), and 'Allocated' (a dropdown menu currently set to 'Yes'). At the bottom of this section are 'Add' and 'Overwrite' buttons. At the very bottom of the dialog box are 'OK', 'Cancel', and 'Help' buttons.

- 1** Enter any name in the **Name** field.
- 2** Enter a value in **Unit Cost**.
- 3** Use **Allocated** to specify whether the costs are allocated as being incurred by the print job.
- 4** Click the **Add** button. To change the unit cost for a media type you have already set, click the **Overwrite** button.
- 5** Click the **OK** button.

**Important**

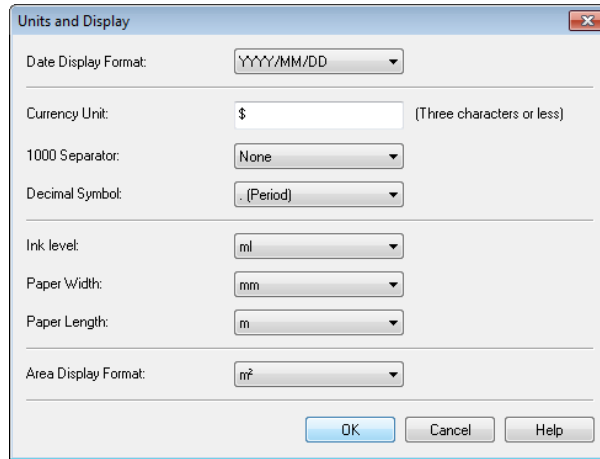
- Your settings are not applied until you click the **OK** button.



- You can set unit costs for up to 5 items.

## Configuring Units and Display Settings in Accounting Manager

Select **Units and Display** in the **Settings** menu to open the **Units and Display** dialog box. Use this dialog box to configure the display settings.



- Date Display Format**

Use this option to select the display format for dates. "YYYY" indicates the year, "MM" the month and "DD" the day.

- Currency Unit**

Enter the currency unit. Enter a text string up to 3 characters long.

- 1000 Separator**

Use this option to select the symbol used as a separator in numbers. The symbol is inserted every 3 digits.

- Decimal Symbol**

Use this option to select the symbol used as a decimal point.

- Ink Consumed**

Use this option to select the unit used for ink consumption.

- Paper Width**

Use this to select the unit used for paper width.

- Paper Length**

Use this to select the unit used for paper length.

- Area Display Format**

Use this to select the unit used for paper area.

## Automatically Acquiring Print Job Logs at Regular Intervals

This feature collects print job logs from the printer at regular intervals and saves the logs on your computer.

- 1 Select **Regular Data Acquisition** in the **Settings** menu.
- 2 Select **Acquire print job logs regularly**.
- 3 Click the **OK** button to close the dialog box.



- Print job log collection is not performed when **Set./Adj. Menu -> System Setup -> Show Job Log** of the control panel is **Off**. However, even if **Show Job Log** is set to **Off**, regularly acquired jobs that already have been retrieved at that time are displayed.



- Immediately after you configure Regular Data Acquisition, no print jobs are displayed. Wait a few moments and then select **Refresh** in the **View** menu to display the print jobs.
- A maximum of 10,000 records are saved in a print job log. If this number is exceeded, jobs are deleted from the log starting from the oldest record. To save old data, it is recommended that you export the data as a CSV file. For details of how to export print job logs as CSV files, see "Exporting Print Job Data as a CSV File." →P.510

## Canceling Regular Print Job Log Acquisition

You can use this procedure to cancel the regular acquisition of print job logs from printers.

- 1 Select **Regular Data Acquisition** in the **Settings** menu.
- 2 Uncheck the **Acquire print job logs regularly** option.
- 3 Click the **OK** button to close the dialog box.

## Switching Between Displaying Jobs on Printer and Regularly Acquired Jobs

The print job logs displayed by the Status Monitor Accounting Manager contain two types of job: Jobs on Printer and Regularly Acquired Jobs.

You can select whether to display Jobs on Printer or Regularly Acquired Jobs in the Listed Job Selection Area on the left side of the window.

### • Jobs on Printer

This shows a list of the print jobs currently held on printers.

You can change the number of jobs displayed per page using the **Print Jobs Shown Per Page** setting in the **View** menu or the toolbar.

You can skip to a particular page using the **Go to** option in the **View** menu or the toolbar.



Note

- For printers with built-in hard disks, you can view up to 500 print jobs per printer.
- For printers without built-in hard disks, you can view up to 32 print jobs per printer. However, only 10 jobs can be displayed if the printer is switched off.

### • Regularly Acquired Jobs

This shows a list of regularly acquired print jobs.

To view all the jobs in a set period, specify the period using **Calculate Total for Period** and then **Starting Date** (or **Starting Day of Week** or **Starting Month**) in the **View** menu or the toolbar.

For example, to view monthly job logs starting on the 1st of each month, set **Calculate Total for Period** to **Monthly** and set **Starting Date** to **1**.



Note

- Up to 10,000 regularly acquired jobs are displayed for each printer.

## Exporting Print Job Data as a CSV File

You can export the collected print job data in the form of a CSV file by selecting **Export Job Cost Data** in the **File** menu.



Note

- You can also select **Export Job Cost Data** using the icon in the toolbar.

### • Selected Jobs

Exports the data for the selected print jobs in the job list as a CSV file.



Note

- You can select multiple jobs by holding down the Shift key or Ctrl key as you click the job names.

- **Listed Jobs**

Exports the data for the print jobs currently displayed in the list as a CSV file.

## Displaying Job Properties or Period Properties

You can display the **Job properties** dialog box or **Period Properties** dialog box to check detailed cost information and other items.

The **Job properties** dialog box displays detailed information about the selected job.

The **Period Properties** dialog box displays detailed information within the **Regularly Acquired Jobs** period.

- **Displaying the Job properties Dialog Box**

Select a job from the job list, and then select **Show Job Properties** from **Job properties** in the **File** menu. You can also select multiple jobs at once.



Note

- You can also display the dialog box by selecting a job, right-clicking it, and then selecting **Show Job Properties**, or by using the icon in the toolbar.

- **Displaying the Period Properties Dialog Box**

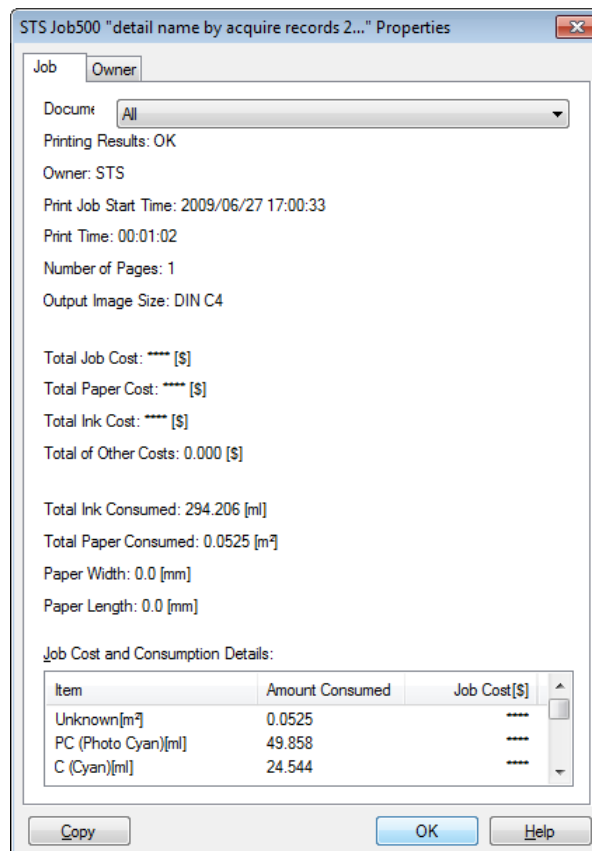
Select a period from the **Regularly Acquired Jobs** list, and then select **Show Period Properties** from **Job properties** in the **File** menu. You can also select multiple periods at once.



Note

- You can also display the dialog box by selecting and right-clicking a period and then selecting **Show Period Properties**, or by using the icon in the toolbar.

- **Components of the Job properties Dialog Box/Period Properties Dialog Box**



- **Job tab**

Displays detailed information about the selected job. You can display detailed information about each job by selecting the corresponding **Document Name**.

- **Owner tab**

You can display detailed information about each owner by selecting the corresponding **Owner**.

- **Copy button**

Click this button to copy the displayed text information to the clipboard.

## Showing, Saving and Loading Selected Unit Cost Data

### • Show Unit Cost Data

Select **Show Unit Cost Data** in the **File** menu to open the **Unit Cost Data** dialog box. This lists the unit costs for items such as the selected ink and paper.

You can copy text-based information in this dialog box to the clipboard by clicking the **Copy** button.

### • Save Unit Cost Data

Select a destination folder using **Save Unit Cost Data** in the **File** menu. The unit cost data for items such as the selected ink and paper is saved as a file.

### • Load Unit Cost Data

Selecting **Load Unit Cost Data** in the **File** menu loads saved unit cost data.

## Showing the Total Amount of Ink and Paper Consumed

Select **Show Ink and Paper Consumed** in the **File** menu to open the **Show Ink and Paper Consumed** dialog box.

This lists the total amounts of ink and paper consumed by the printer so far.

You can copy text-based information in this dialog box to the clipboard by clicking the **Copy** button.



Note

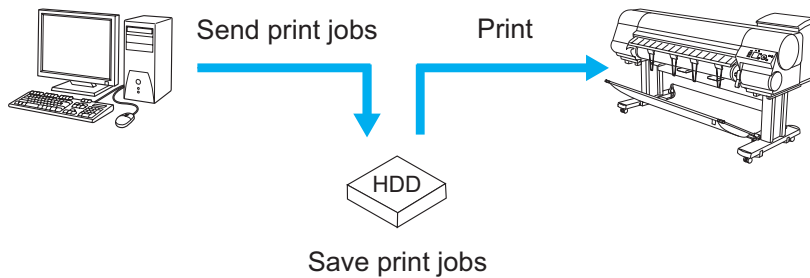
- Up to 7 types of media are listed in order of the amount consumed. The total consumption for other media types is shown as **Other**.

# Basic Print Job Operations

- Using the Printer Hard Disk ..... 513
- Saving Print Jobs on the Printer Hard Disk ..... 514
- Managing the Job Queue (Deleting or Preempting Other Jobs) ..... 517
- Managing Pending Jobs (Printing or Deleting Jobs on Hold) ..... 519
- Printing Saved Jobs ..... 521
- Deleting Saved Jobs ..... 525
- Moving Saved Jobs ..... 528

## Using the Printer Hard Disk

The printer can save print jobs on the built-in hard disk. Using print jobs stored on the printer enables you to print the jobs again as needed without using a computer.



Saving print jobs offers the following benefits.

- **Save the time spent using a computer**  
When you send a print job to the printer, you can save it on the printer after printing or simply save it on the printer without printing it yet. Saved print jobs can be printed in the required quantity later without the need to use a computer again.
- **Simplify reprinting, if any errors occur**  
If errors occur in the middle of printing (as when paper runs out), you can resume printing after clearing the error without resending the print job from a computer.
- **Streamline printing work**  
Without using a computer, you can select print jobs and print in the desired quantity. You can also select multiple print jobs to print during the same period. This enables unattended operation at night, for example.

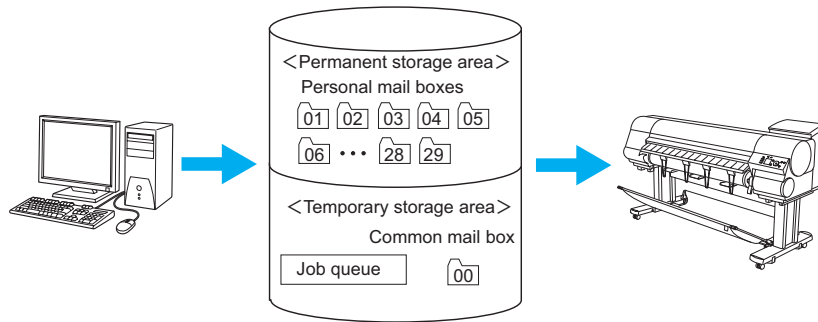
### Output Method

To save print jobs on the printer's hard disk, configure the printer driver. In Windows, this is set using the **Output Method** dialog box. In Mac OS, this is set using the **Additional Settings** pane.

- **Print**  
Save print jobs on the printer's hard disk after printing.
- **Save in mail box**  
Save print jobs on the printer's hard disk.
- **Print after reception is complete**  
This option is available in combination with **Print**. You can prevent degradation of print quality that occurs when receiving a print job is interrupted and printing is aborted in the middle.

## Storage destination

The storage area on the printer's hard disk is divided into a temporary storage area and a permanent storage area. The temporary storage area stores print jobs in the job queue or shared mailbox. The permanent storage area stores jobs in personal boxes.



### • Job queue

The job queue refers to print jobs that are being processed by the printer (saved, received, prepared for processing, printed, deleted, or held). Up to 64 jobs can be stored in the temporary storage area.

When the job queue is full, additional jobs sent from a computer are treated as "standby" jobs, to be processed when possible.

However, if all queued jobs are simply being held, the oldest job is deleted and the print job sent from the computer is processed.

### • Shared mailbox

Jobs for which you have specified **Print in Output Method** (in Windows) or **Send job to** (in Mac OS) are saved in the shared mailbox and classified as saved jobs.

There is one shared mailbox, numbered **00**. A password cannot be set for the shared mailbox.

Up to 100 print jobs can be saved here, but they will be deleted one after another starting with the oldest job in the following situations.

- If there are more than 100 jobs queued and saved in the shared mailbox combined
- If no more temporary storage space is available when jobs for which you have selected **Print in Output Method** (in Windows) or **Send job to** (in Mac OS) are received
- If there is not enough space in the temporary or permanent storage area when jobs for which you have selected **Save in mail box** in **Output Method** (in Windows) or **Send job to** (in Mac OS) are received

### • Personal boxes

Jobs are classified as saved jobs and saved in personal boxes in the following situations.

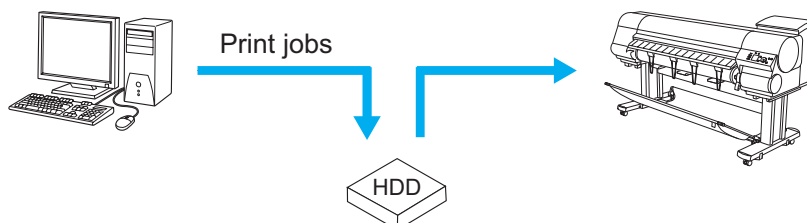
- When a saved job stored in the shared mailbox is moved to a personal box
- When you have selected **Save in mail box** as the option in **Output Method** (in Windows) or **Send job to** (in Mac OS)

There are 29 personal boxes, numbered **01** to **29**. You can specify a name and password for each personal box.

Up to 100 print jobs can be saved in all personal boxes combined.

## Saving Print Jobs on the Printer Hard Disk

To save print jobs on the printer's hard disk, configure the printer driver.







• Printing from the following software also enables you to save print jobs on the printer's hard disk.

Windows

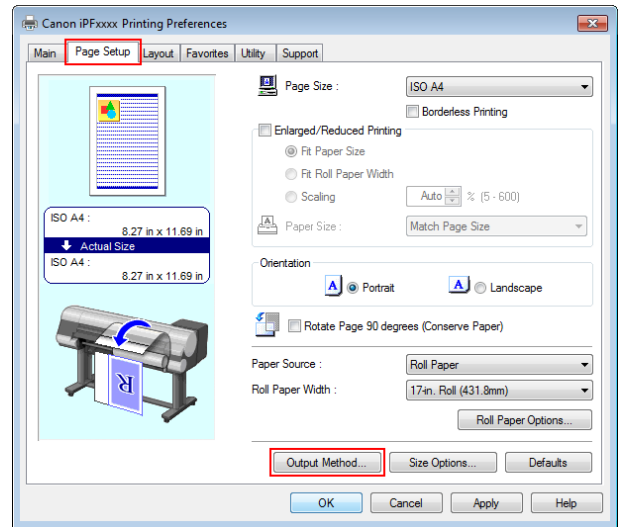
- Free Layout →P.186
- Color imageRUNNER Enlargement Copy →P.208
- Preview →P.176

Mac OS

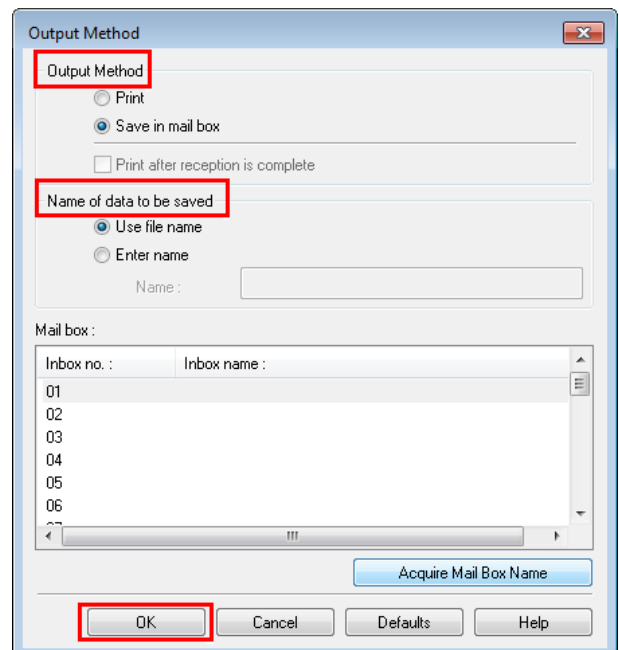
- Free Layout →P.295
- Preview →P.176

### Configuring the Printer Driver in Windows

**1** Access the **Page Setup** sheet.



**2** Click **Output Method** to display the **Output Method** dialog box.



**3** Make your selection in **Output Method**.

- **Print**  
Save print jobs on the printer's hard disk after printing.
- **Save in mail box**  
Save print jobs on the printer's hard disk.

If you choose **Save in mail box**, also specify the destination personal box in the **Mail box** list.

• **Print after reception is complete**

This option is available in combination with **Print**. You can prevent degradation of print quality that occurs when receiving a print job is interrupted and printing is aborted in the middle.



• Click **Acquire Mail Box Name** to display personal box names in the **Mail box** list, as acquired from the printer.

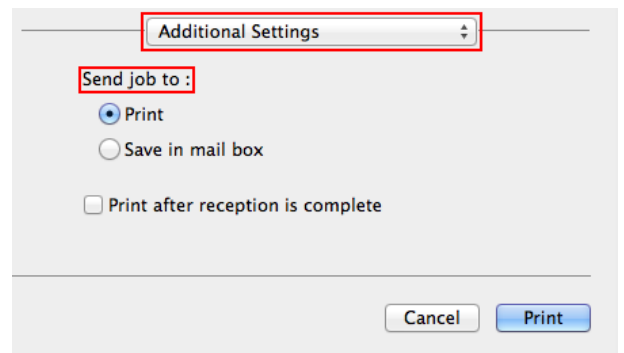
**4** In **Name of data to be saved**, specify how to name saved print jobs.

- To use the file name, choose **Use file name**.
- Otherwise choose **Enter name** and enter a name in **Name**.

**5** Click **OK** to close the **Output Method** dialog box.

### Configuring the printer driver in Mac OS

**1** Access the **Additional Settings** pane.



**2** Make your selection in **Send job to**.

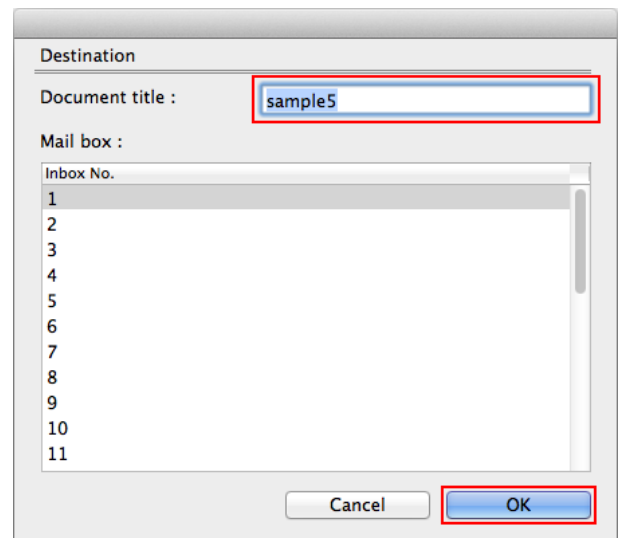
• **Print**

Save print jobs on the printer's hard disk after printing.

• **Save in mail box**

Save print jobs on the printer's hard disk.

The **Destination** dialog box is displayed if you select **Save in mail box**. Here, specify the name and personal box number for saved print jobs.



**1.** In **Document title**, enter a name to identify saved print jobs.



• If printed from Free Layout or Preview, the **Document title** is saved under the name image-PROGRAF.

**2.** Select the personal box number in the **Mail box** list.

3. Click **OK** to close the **Destination** dialog box.

• **Print after reception is complete**

This option is available in combination with **Print**. You can prevent degradation of print quality that occurs when receiving a print job is interrupted and printing is aborted in the middle.

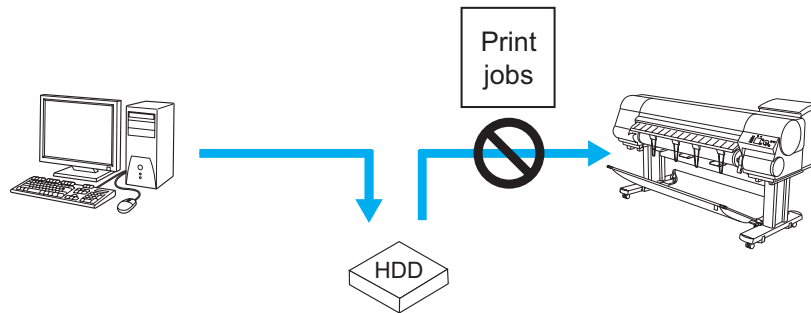
### Managing the Job Queue (Deleting or Preempting Other Jobs)

Print jobs being processed by the printer are collectively called the job queue. You can delete or preempt jobs in the job queue as needed.

These operations are available from the Control Panel, in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

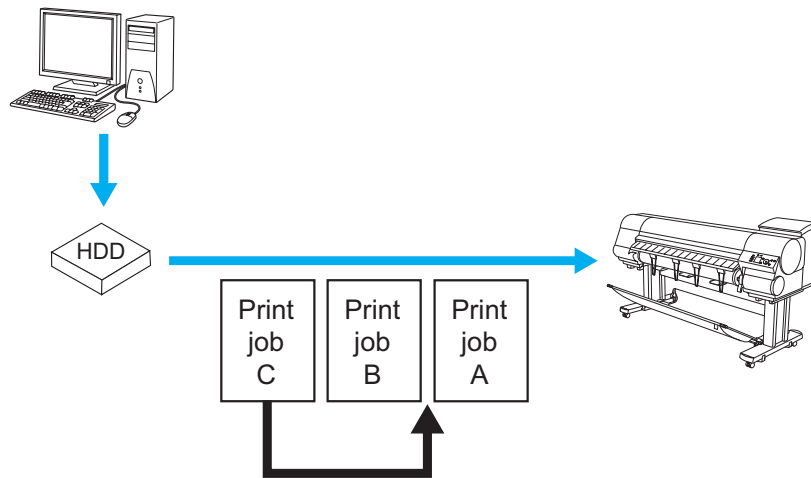
• Delete

Note that only jobs that are not currently being deleted can be deleted from the job queue.




• Preempting other jobs

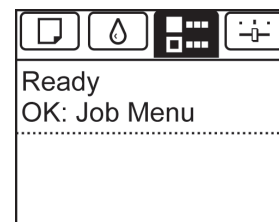
You can preempt other jobs by printing jobs that are currently being received or prepared for processing first.



• For information on managing jobs being held, see "Managing Pending Jobs (Printing or Deleting Jobs on Hold)." →P.519

### Using the Control Panel

1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Job tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button.  
The **Job Menu** is displayed.

**3** Manage the job queue as needed.

• Deleting jobs

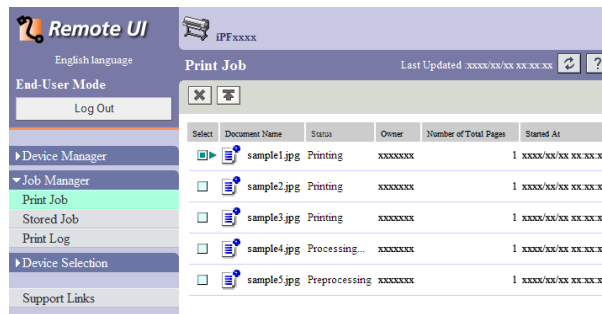
1. Press **▲** or **▼** to select **Print Job**, and then press the **OK** button.
2. Press **▲** or **▼** to select the print job to delete, and then press the **OK** button.
3. Press **▲** or **▼** to select **Delete**, and then press the **OK** button.

• Preempting other jobs

1. Press **▲** or **▼** to select **Print Job**, and then press the **OK** button.
2. Press **▲** or **▼** to select the job to print first, and then press the **OK** button.
3. Press **▲** or **▼** to select **Preempt Jobs**, and then press the **OK** button.

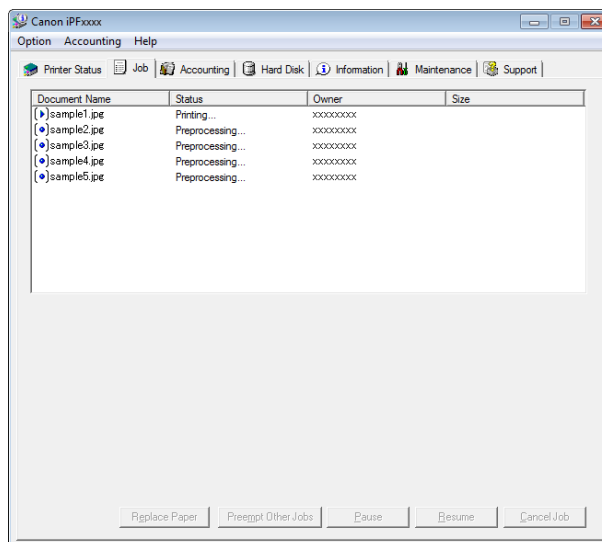
Using RemoteUI

Manage jobs as needed on the **Print Job** page. For details, refer to the RemoteUI help file.



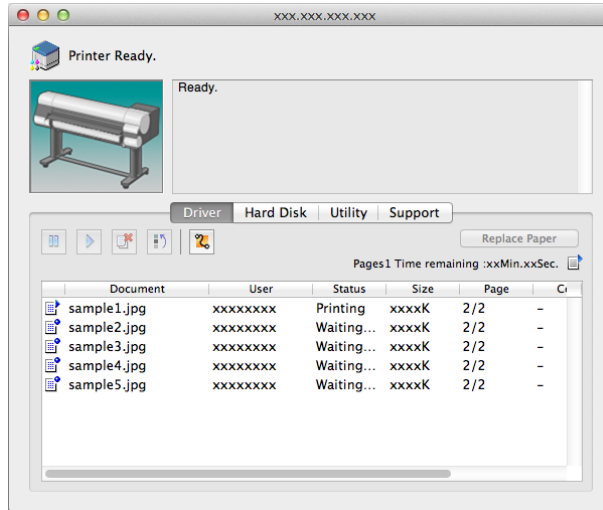
Using imagePROGRAF Status Monitor (Windows)

Manage jobs as needed on the **Job** sheet. For details, refer to the imagePROGRAF Status Monitor help file.



### Using imagePROGRAF Printmonitor (Mac OS)

Manage jobs as needed on the **Driver** sheet. For details, refer to the imagePROGRAF Printmonitor help file.



### Managing Pending Jobs (Printing or Deleting Jobs on Hold)

If the type or size of paper loaded does not match the settings in the print job received when you have set **Detect Mismatch to Hold Job** in the Control Panel menu, the print job is held on the printer as a pending job in the job queue.

Manage held jobs such as these as follows.

These operations are available from the Control Panel or in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

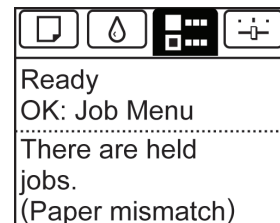


- As long as you do not manage held jobs from the Control Panel, imagePROGRAF Status Monitor, or imagePROGRAF Printmonitor, they will remain in the job queue. In this case, the printer processes the next job in the queue without pausing.
- To print held jobs, replace the loaded paper with the paper specified in the print job.  
(See "Loading Rolls in the Printer." → P.333)  
(See "Loading Sheets in the Printer." → P.353)

### Using the Control Panel

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Job tab ( ).

"**There are held jobs.**" is displayed if jobs are being held.



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button.  
The **Job Menu** menu is displayed.

**3** Press ▲ or ▼ to select **Print Job**, and then press the **OK** button.

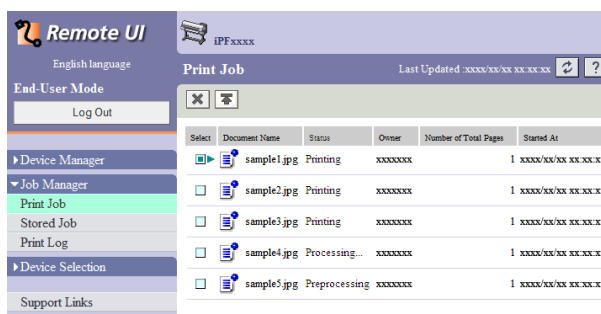
- 4** Press ▲ or ▼ to select the print job to manage, and then press the **OK** button.  
Held jobs are labeled with an icon.



- 5** Press ▲ or ▼ to select **Print Anyway** or **Delete**, and then press the **OK** button.
- If you choose **Print Anyway**  
Press ▲ or ▼ to select **Yes** or **No**, and then press the **OK** button.
  - If you choose **Delete**  
Press ▲ or ▼ to select **Yes** or **No**, and then press the **OK** button.

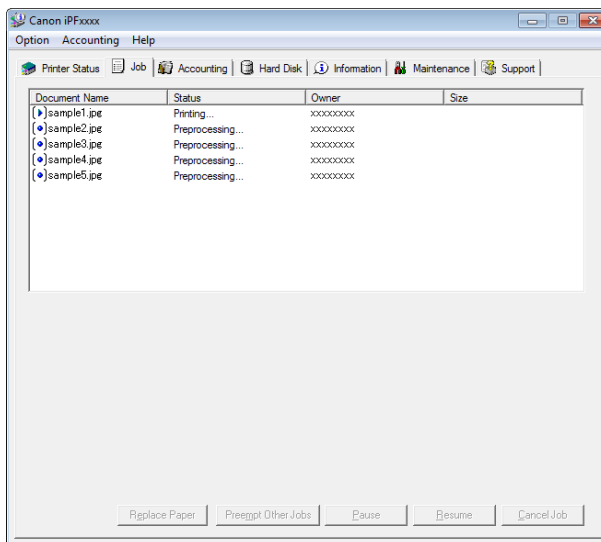
### Using RemoteUI

Manage jobs as needed on the **Print Job** page. For details, refer to the RemoteUI help file.



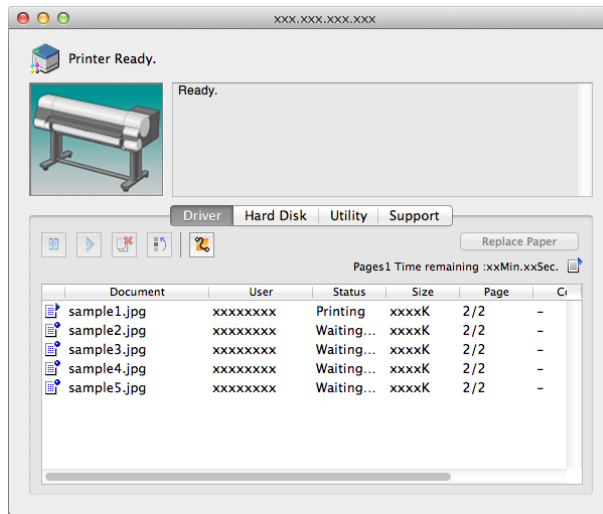
### Using imagePROGRAF Status Monitor

Manage jobs as needed on the **Job** sheet. For details, see "Job Management Using imagePROGRAF Status Monitor." →P.497



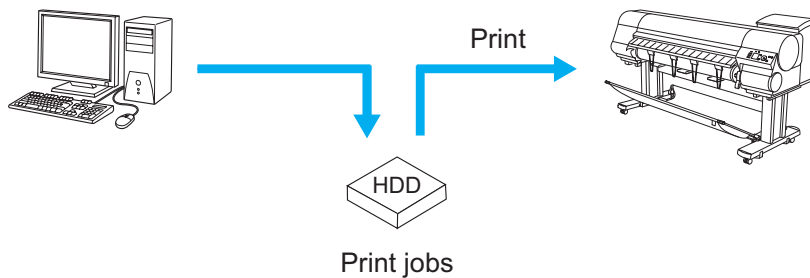
### Using imagePROGRAF Printmonitor

Manage jobs as needed on the **Driver** sheet. For details, see "Job Management Using imagePROGRAF Printmonitor." →P.500



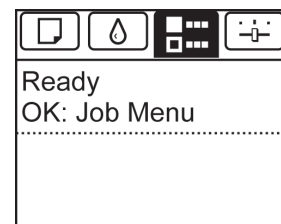
### Printing Saved Jobs

Print saved print jobs stored on the printer's hard disk as follows. These operations are available from the Control Panel or in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.



### Using the Control Panel

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Job tab ( ).



**Note** • If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button. The **Job Menu** menu is displayed.

- 3 Press ▲ or ▼ to select **Stored Job**, and then press the **OK** button.

- 4 Press ▲ or ▼ to select the box number (in the range 00–29), and then press the **OK** button.

**Note** • Enter a password if one has been set, and then press the **OK** button.

5 Press ▲ or ▼ to select **Job List**, and then press the **OK** button.

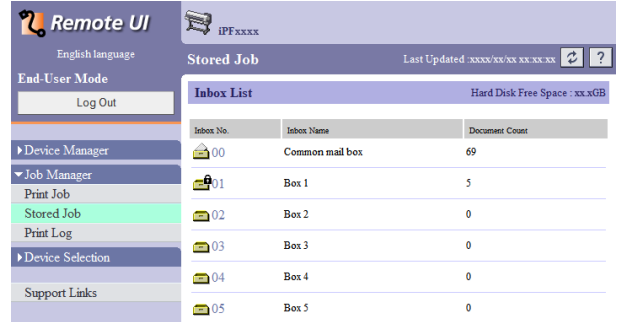
6 Press ▲ or ▼ to select the saved job, and then press the **OK** button.


7 Press ▲ or ▼ to select **Print**, and then press the **OK** button.

8 Specify the number of copies and press the **OK** button.

### Using RemoteUI

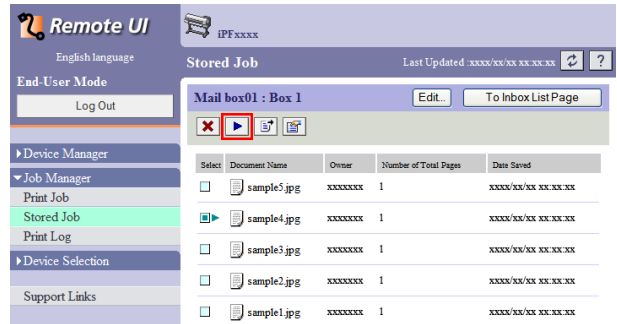
1 On the **Stored Job** page, choose the box.



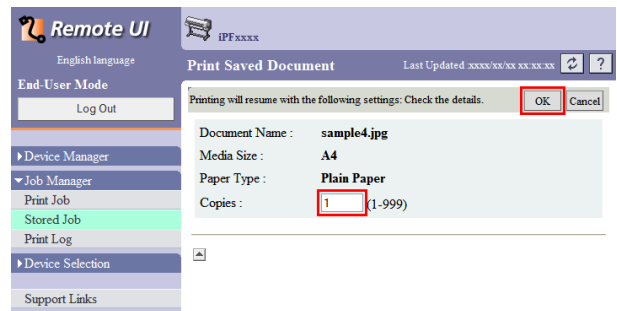
 • Enter a password if one has been set.



2 Select the print job and click **Resume**.



3 On the **Print Saved Document** page, enter the quantity to print in **Copies** and click **OK**.

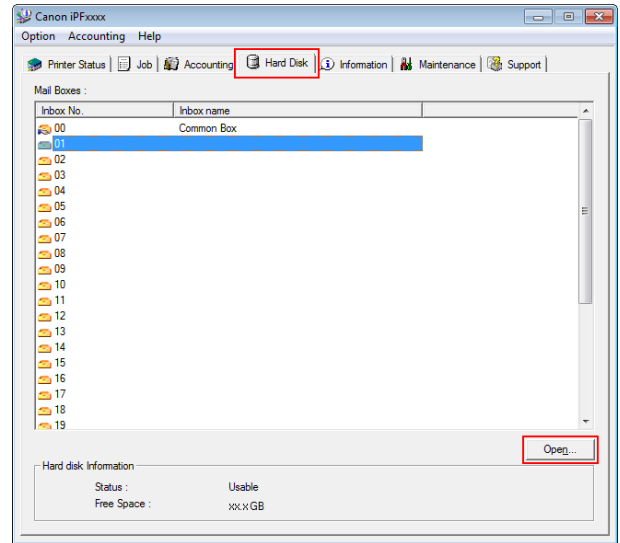


For details, refer to the RemoteUI help.



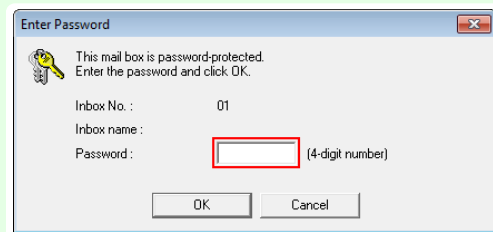
### Using imagePROGRAF Status Monitor

**1** On the **Hard Disk** sheet, select a box and click **Open**.

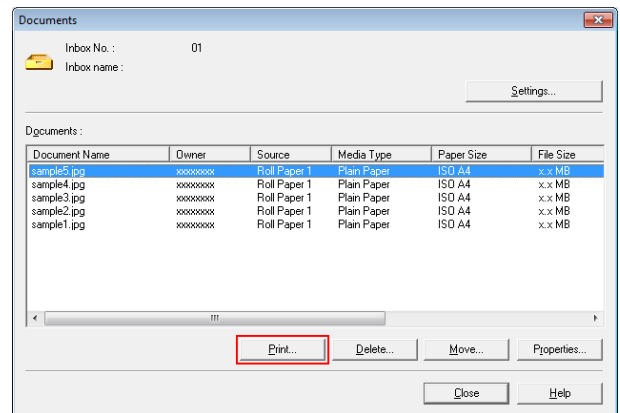


Note

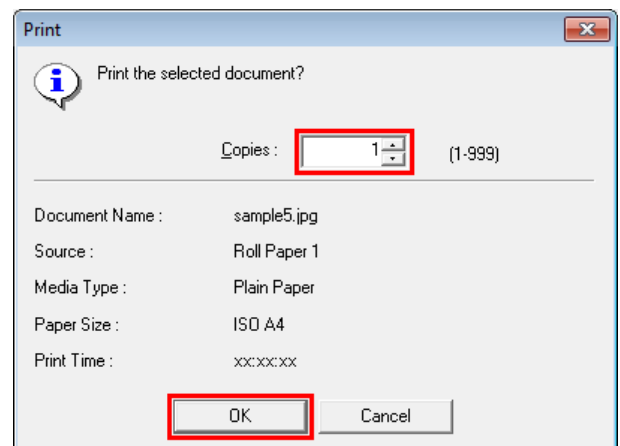
- Enter a password if one has been set.



**2** In the **Documents** dialog box, select the print job and click **Print**.



**3** In the **Print** dialog box, enter the quantity to print in **Copies** and click **OK**.



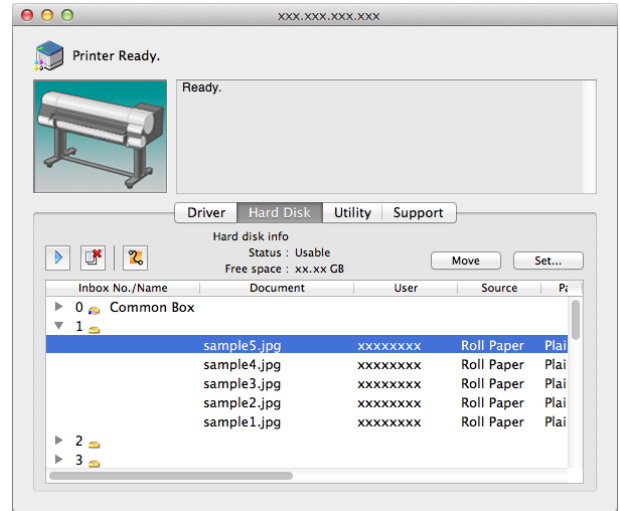


- The printing time initially indicates how long it took to finish printing one copy during the previous print job. If you change the value in **Copies**, the printing time indicates the time it took to print one copy during the previous print job multiplied by the number of copies.

For details, refer to the imagePROGRAF Status Monitor help file.

### Using imagePROGRAF Printmonitor

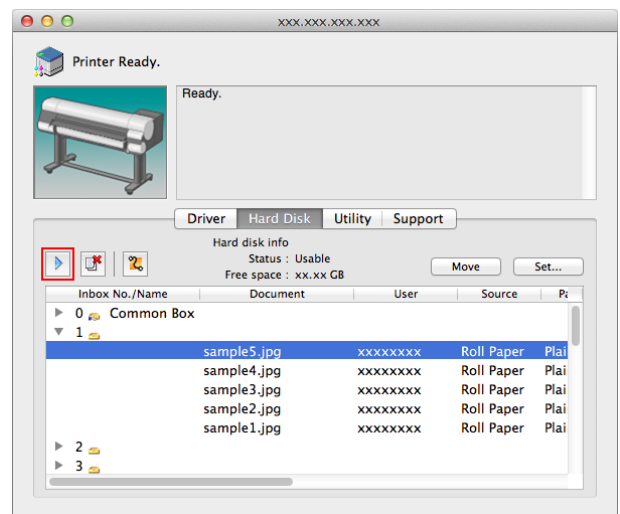
**1** On the **Hard Disk** pane, click ► by **Inbox No./Name**.



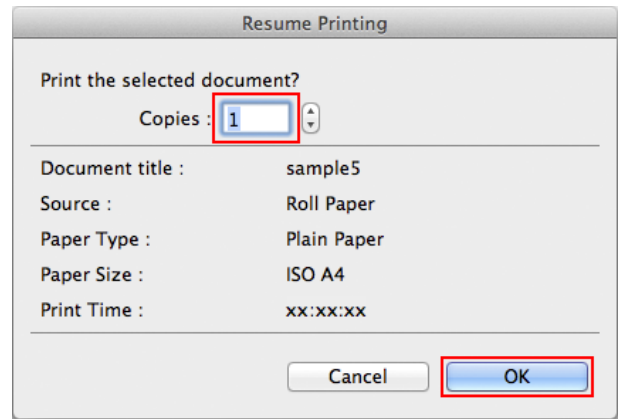
- Enter a password if one has been set. The password is a four-digit number.



**2** Select the saved job and click **Resume Printing**.



**3** In the **Resume Printing** dialog box, enter the quantity to print and click **OK**.




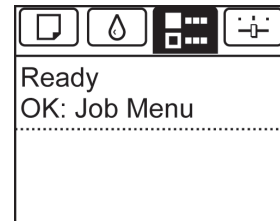
For details, refer to the imagePROGRAF Printmonitor help file.


## Deleting Saved Jobs

Delete saved print jobs stored on the printer's hard disk as follows. This operation is available from the Control Panel, in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

### Using the Control Panel

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Job tab (  ).




 • If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

**2** Press the **OK** button. The **Job Menu** is displayed.

**3** Press ▲ or ▼ to select **Stored Job**, and then press the **OK** button.

**4** Press ▲ or ▼ to select the box number (in the range 00–29), and then press the **OK** button.

 • Enter a password if one has been set, and then press the **OK** button.

Note

**5** Press ▲ or ▼ to select **Job List**, and then press the **OK** button.

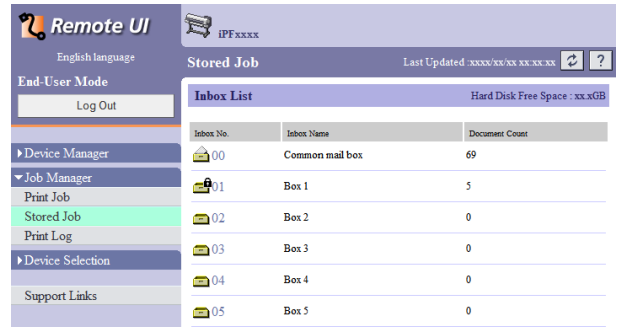
**6** Press ▲ or ▼ to select the saved job, and then press the **OK** button.

**7** Press ▲ or ▼ to select **Delete**, and then press the **OK** button.

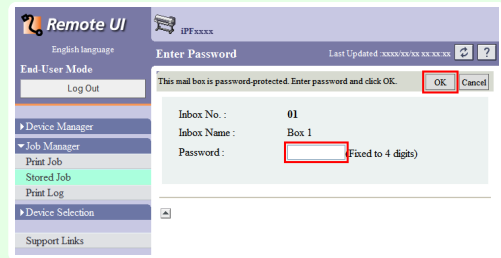
**8** Press ▲ or ▼ to select **Yes**, and then press the **OK** button.

## Using RemoteUI

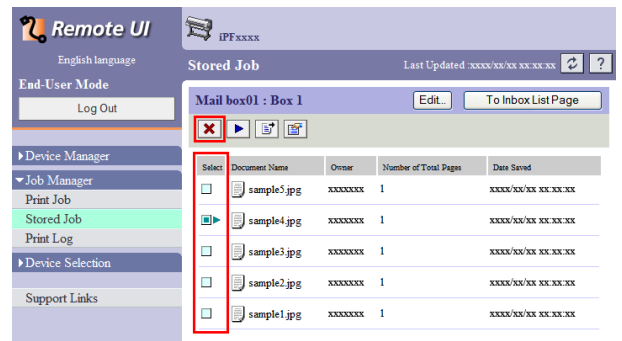
**1** On the **Stored Job** page, choose the mail box.



- Enter a password if one has been set.



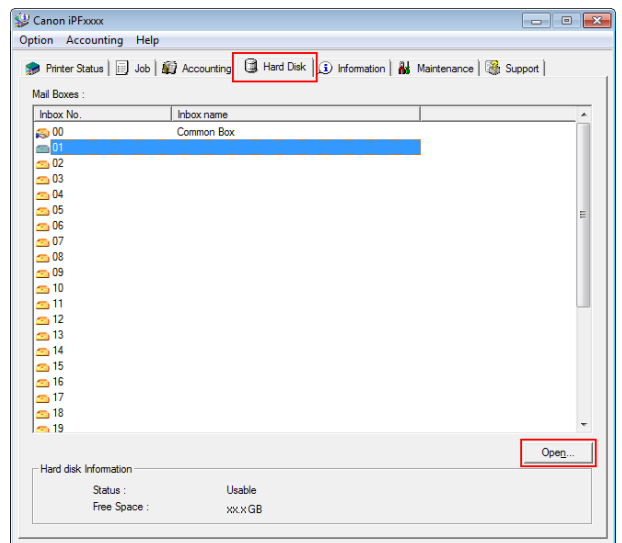
**2** Select the print job and click **Delete**.



For details, refer to the RemoteUI help file.

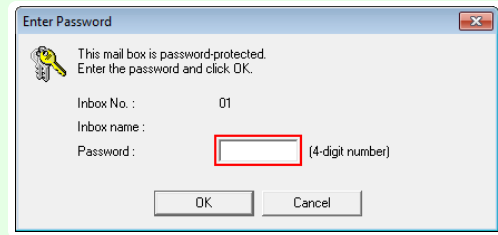
## Using imagePROGRAF Status Monitor

**1** On the **Hard Disk** sheet, select a box and click **Open**.



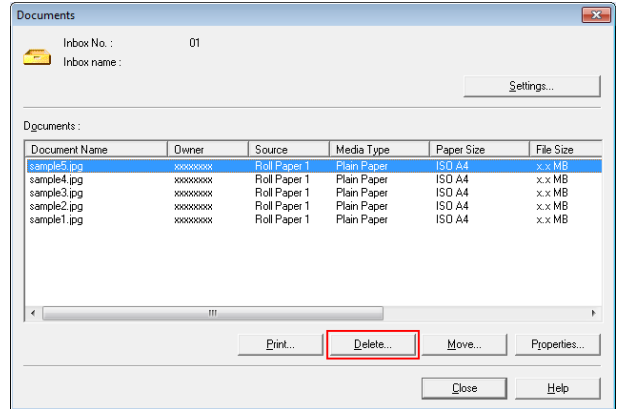


- Enter a password if one has been set.



2

In the **Documents** dialog box, select the print job and click **Delete**.

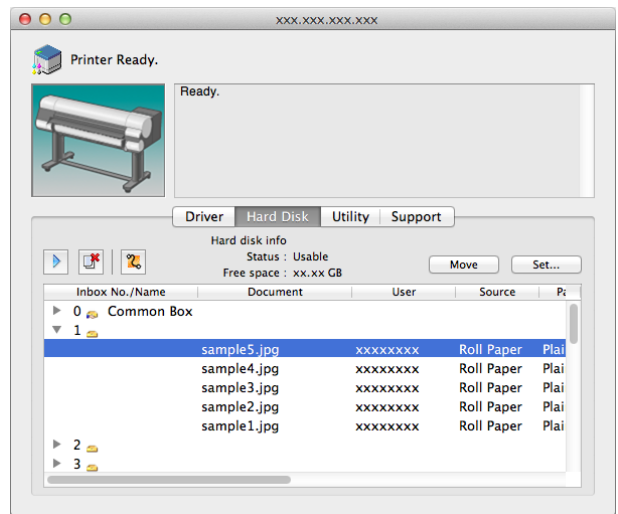


For details, refer to the imagePROGRAF Status Monitor help file.

### Using imagePROGRAF Printmonitor

1

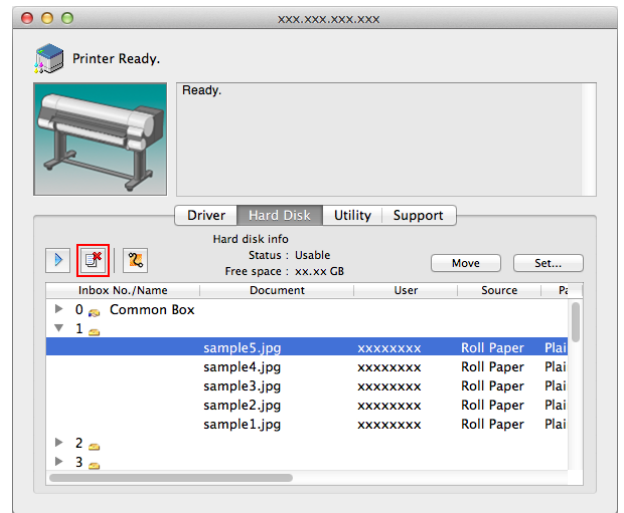
In the **Hard Disk** pane, click ► next to **Inbox No./Name**.



- Enter a password if one has been set.  
The password is a four-digit number.



2 Select the print job and click the **Delete** button.



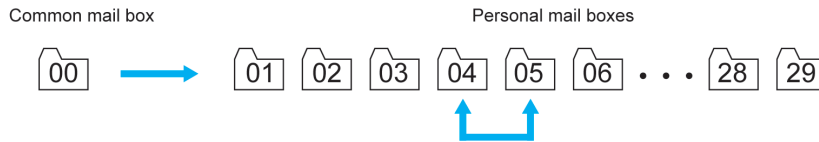
For details, refer to the imagePROGRAF Printmonitor help file.

### Moving Saved Jobs

Print jobs stored on the printer's hard disk (saved jobs) can be moved from the current box to another box as follows.

However, jobs saved in personal boxes cannot be moved to the shared mailbox.

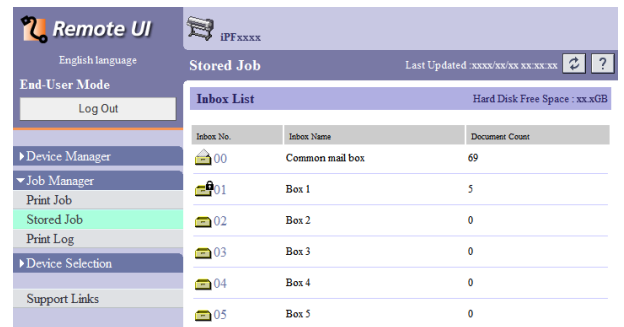
This operation is available in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.



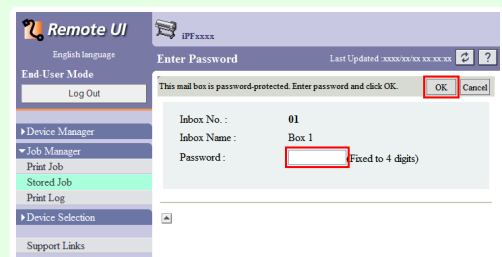
- Jobs stored in the shared mailbox may be automatically deleted under some conditions. To prevent jobs from being deleted, move them from the shared mailbox to personal boxes. (See "Using the Printer Hard Disk.") →P513

### Using RemoteUI

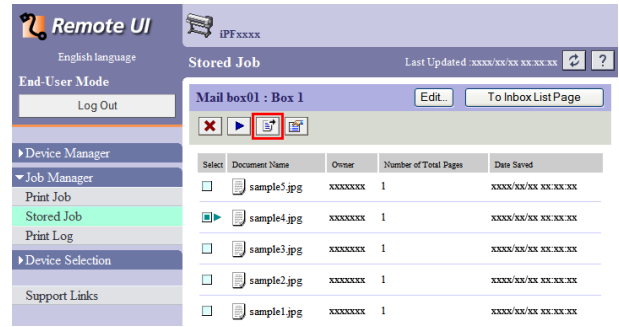
1 On the **Stored Job** page, choose the box.



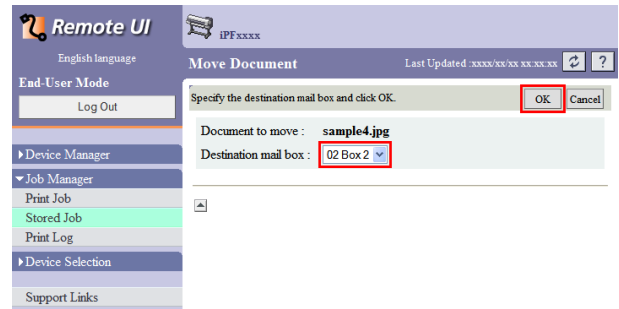
- Enter a password if one has been set.



**2** Select the print job and click **Move Document**.



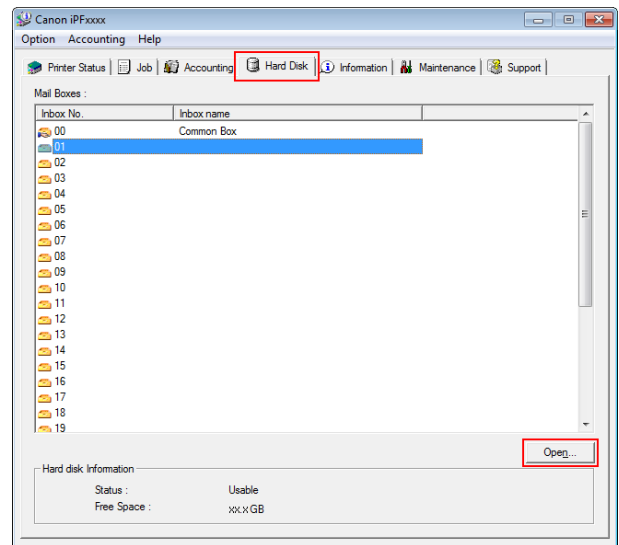
**3** On the **Move Document** page, select the name or number of the destination personal box in the **Destination mail box** list and click **OK**.



For details, refer to the RemoteUI help file.

### Using imagePROGRAF Status Monitor (Windows)

**1** On the **Hard Disk** sheet, select a box and click **Open**.

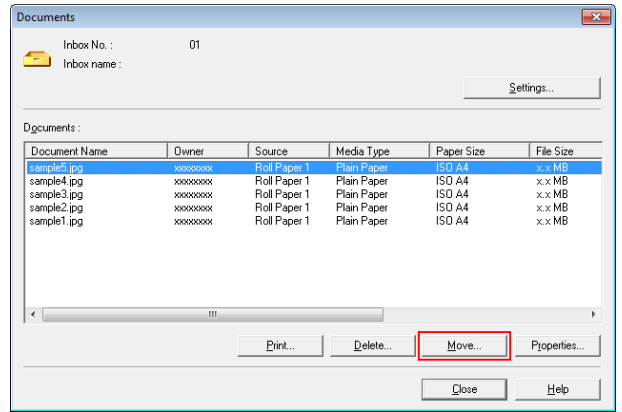


**Note**

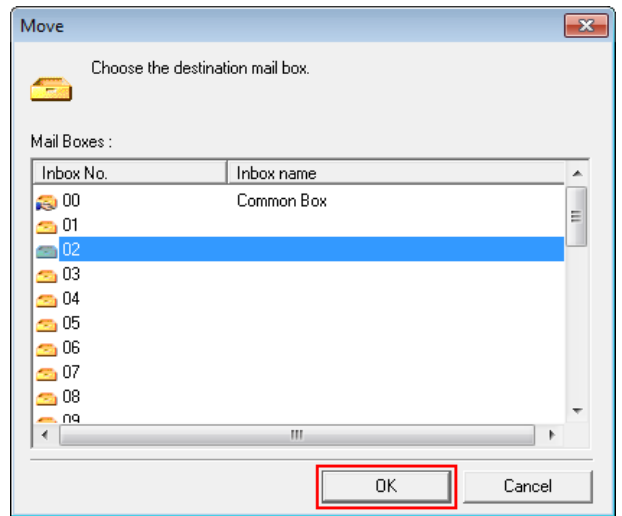
- Enter a password if one has been set.



**2** In the **Documents** dialog box, select the print job and click **Move**.



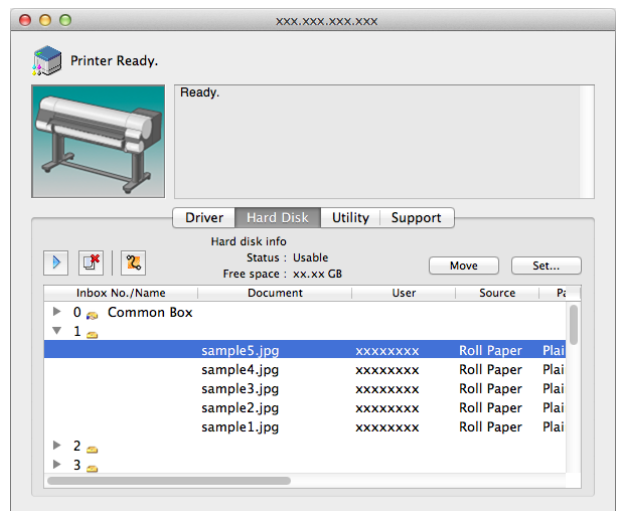
**3** In the **Move** dialog box, select the destination personal box and click **OK**.



For details, refer to the imagePROGRAF Status Monitor help file.

### Using imagePROGRAF Printmonitor (Mac OS)

**1** In the **Hard Disk** pane, click ► next to **Inbox No./Name**.





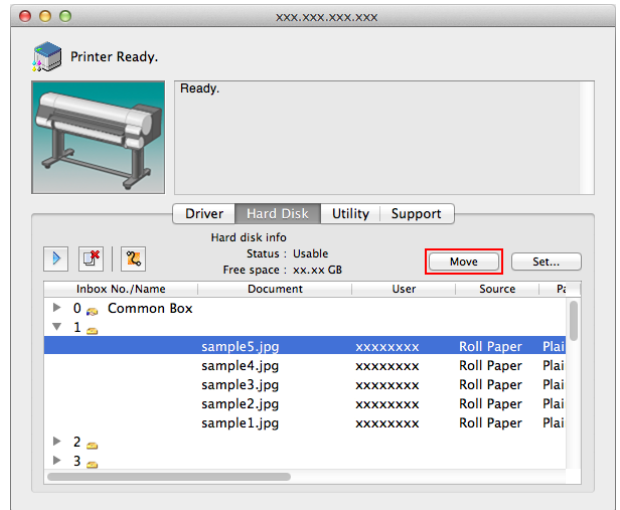


- Enter a password if one has been set. The password is a four-digit number.



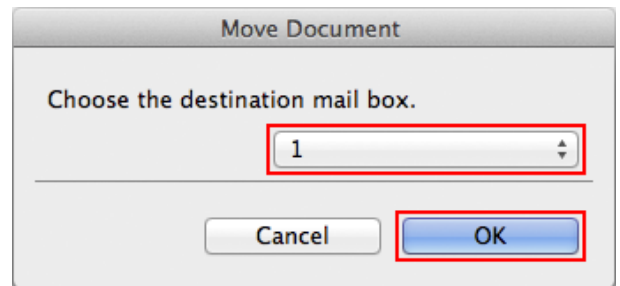
2

Select the print job and click **Move**.



3

In the **Move Document** dialog box, select the destination personal box and click **OK**.



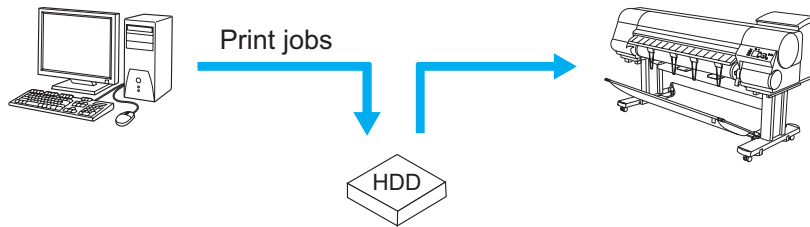
For details, refer to the imagePROGRAF Printmonitor help file.

# Advanced Print Job Operations

- Saving Print Jobs Sent from Sources Other than the Printer Driver ..... 532
- Printing Without Saving Jobs in the Common Box ..... 533
- Setting Passwords for Personal Boxes ..... 534
- Naming Personal Boxes ..... 537
- Displaying a List of Saved Jobs ..... 539
- Printing a List of Saved Jobs ..... 542
- Displaying Details of Saved Jobs ..... 543
- Renaming Saved Jobs ..... 545
- ➔ Printer Hard Disk Operations ..... 470
- ➔ Checking the Free Hard Disk Space ..... 471

## Saving Print Jobs Sent from Sources Other than the Printer Driver

To save print jobs sent from software or systems other than the printer driver or applications provided with the printer, complete the **Output Method** and **Print After Recv** settings in the Control Panel menu.




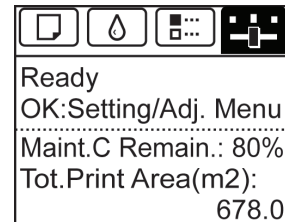
• Contact the software or system developer for information about support for this printer function.

### Specifying Output Method

In **Output Method**, specify how to manage jobs, regarding printing and saving them.

- **Print**  
Save print jobs automatically at the same time they are printed. (This is the default format.)
- **Print (Auto Del)**  
Save print jobs temporarily at the same time they are printed and delete them after printing.
- **Save: Box 01** (Here, the number represents a box number)  
Save print jobs on the printer.

**1** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

**2** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

**3** Press ▲ or ▼ to select **System Setup**, and then press the **OK** button.

4 Press ▲ or ▼ to select **Output Method**, and then press the **OK** button.




- If a password has been set on the printer, the **Logon** screen is displayed. To change the settings, select **Administrator** and press the **OK** button. When the **Admin.Pswd** screen is displayed, enter the password and press the **OK** button to proceed to the next step. If you select **User** and press the **OK** button, you can check settings values but cannot change them.

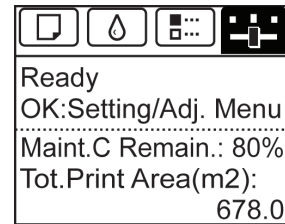
5 Press ▲ or ▼ to select **Print**, **Print (Auto Del)**, or **Save: Box 01**. Follow these steps only when you select **Save: Box 01**.

6 Press ▲ or ▼ to select the box, and then press the **OK** button.

### Specify **Print After Recv**

To save print jobs on the hard disk before printing, specify **Print After Recv**. Printing will start when **Print After Recv** is set to **On**, even if you have selected **Save: Box 01** in **Output Method**.

1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** (  ).



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

2 Press the **OK** button. The **Set./Adj. Menu** is displayed.


3 Press ▲ or ▼ to select **System Setup**, and then press the **OK** button.

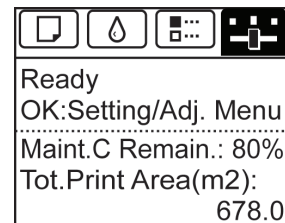
4 Press ▲ or ▼ to select **Print After Recv**, and then press the **OK** button.

5 Press ▲ or ▼ to select **On** or **Off**, and then press the **OK** button.

### Printing Without Saving Jobs in the Common Box

Jobs sent from a computer for which you have selected **Print** in **Output Method** (in Windows) or **Send job to** (in Mac OS) in the printer driver are saved in the shared mailbox. (See "Using the Printer Hard Disk.") →P.513 When **Common Box Set.** is **Print (Auto Del)** in the Control Panel menu, print jobs for which you have selected **Print** in the **Output Method** dialog box of the printer driver are deleted from the shared mailbox after printing. Use this function when printing highly confidential documents.

1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** (  ).



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

2 Press the **OK** button. The **Set./Adj. Menu** is displayed.

**3** Press ▲ or ▼ to select **System Setup**, and then press the **OK** button.

**4** Press ▲ or ▼ to select **Common Box Set.**, and then press the **OK** button.



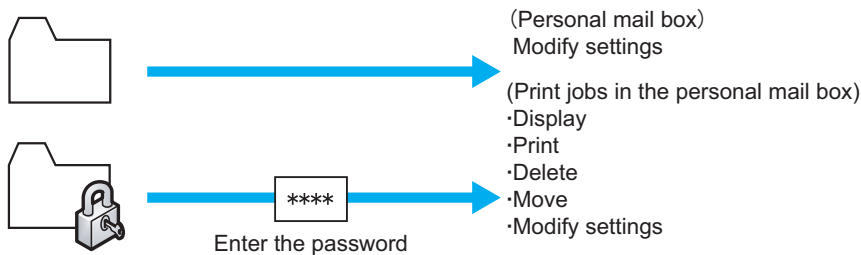
- If a password has been set on the printer, the **Logon** screen is displayed. To change the setting, select **Administrator** and press the **OK** button. When the **Admin.Pswd** screen is displayed, enter the password and press the **OK** button to proceed to the next step.
- If you select **User** and press the **OK** button, you can check settings values but cannot change them.

**5** Press ▲ or ▼ to select **Print (Auto Del)**, and then press the **OK** button.

## Setting Passwords for Personal Boxes

For greater security, you can specify a password for personal boxes. After you set a password, it will be required to modify the personal box settings, as well as to display, print, delete, move, and modify jobs saved in the personal box.

This operation is available in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

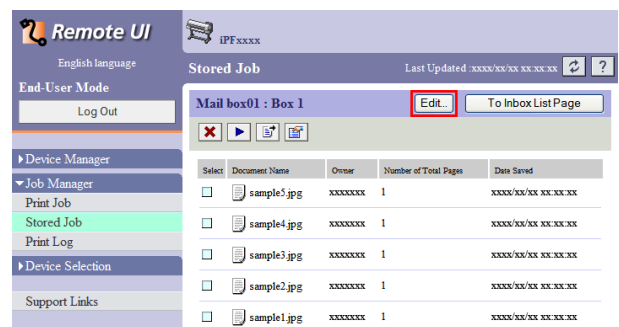


- By default, no passwords are set for personal boxes.
- A password cannot be set for the shared mailbox.
- Enter a four-digit number as the password, in the range 0001–9999.
- Even if you have set passwords, they are not required to access personal boxes in Administrator Mode in RemoteUI.

## Using RemoteUI

**1** On the **Stored Job** page, choose the personal box.

**2** Click **Edit**.



**3** In the **Set/Register User's Inbox** dialog box, specify the password and click **OK**.

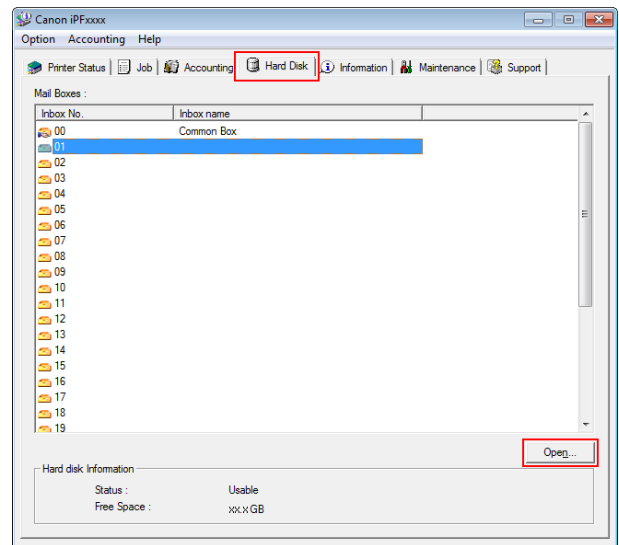
- **Set Password**  
Select the check box.
- **Password**  
Enter the password. (This field is limited to four digits in the range 0001–9999.)
- **Confirmation Number**  
Re-enter the password to confirm it.



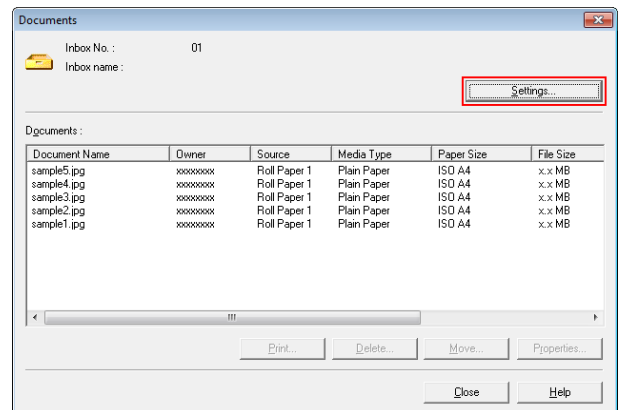
For details, refer to the RemoteUI help.

### Using imagePROGRAF Status Monitor (Windows)

**1** On the **Hard Disk** sheet, select the personal box and click **Open**.

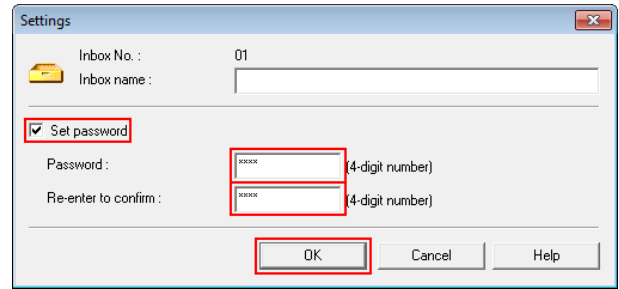


**2** In the **Documents** dialog box, click **Settings**.



**3** In the **Settings** dialog box, specify the password and click **OK**.

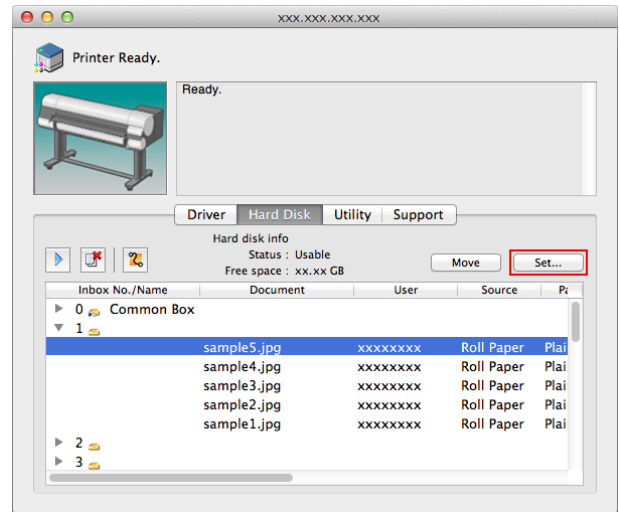
- **Set password**  
Select the check box.
- **Password**  
Enter the password. (This field is limited to four digits in the range 0001–9999.)
- **Re-enter to confirm**  
Re-enter the password to confirm it.



For details, refer to the imagePROGRAF Status Monitor help file.

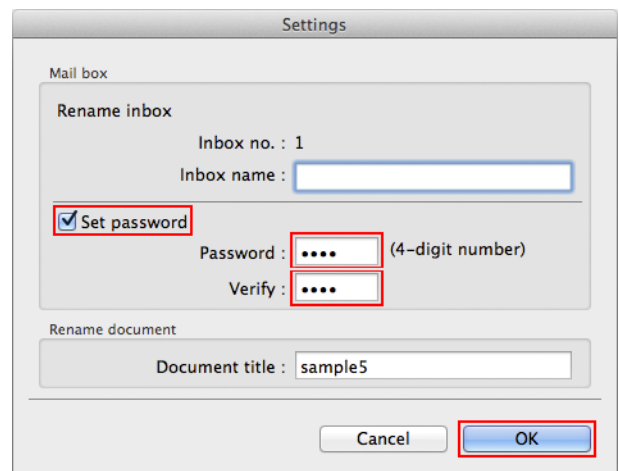
Using imagePROGRAF Printmonitor (Mac OS)

- 1 On the **Hard Disk** pane, click ► by **Inbox No./Name**. Select a saved job in the list and click **Set**.



- 2 In the **Settings** dialog box, specify the password and click **OK**.

- **Set password**  
Select the check box.
- **Password**  
Enter the password. (This field is limited to four digits in the range 0001–9999.)
- **Verify**  
Re-enter the password to confirm it.



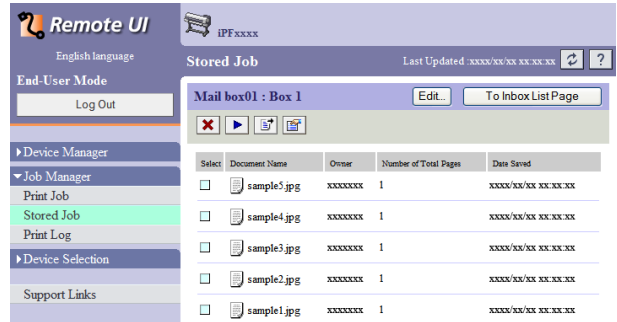
For details, refer to the imagePROGRAF Printmonitor help file.

# Naming Personal Boxes

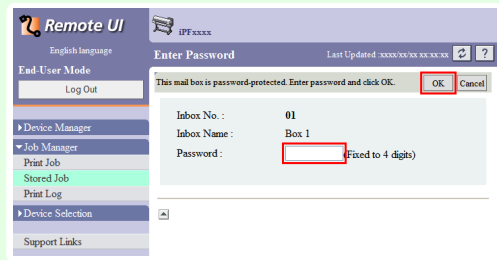
For easier identification, you can assign names to personal boxes. This operation is available in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

## Using RemoteUI

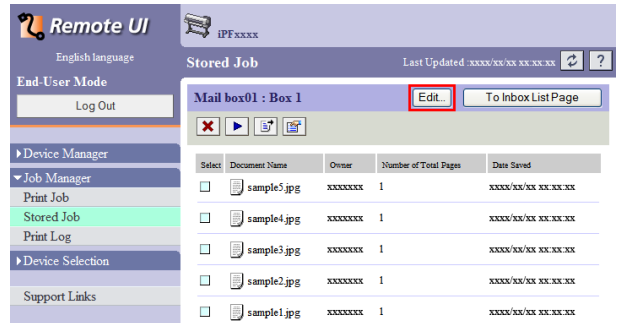
**1** On the **Stored Job** page, choose the personal box.



- Enter a password if one has been set for the personal box.



**2** Click **Edit**.



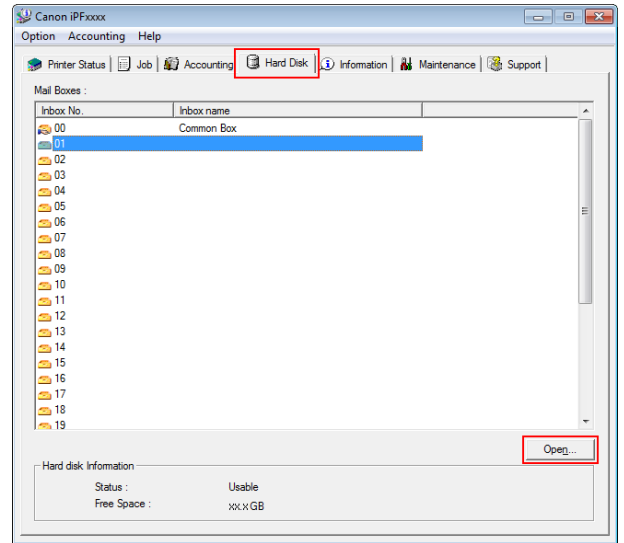
**3** In the **Set/Register User's Inbox** dialog box, enter the name in **Inbox Name** and click **OK**.

For details, refer to the RemoteUI help file.



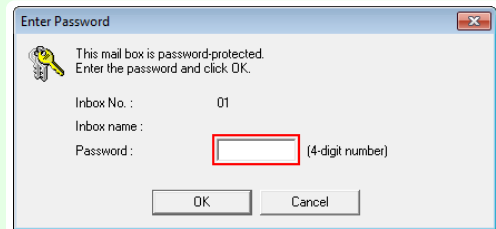
### Using imagePROGRAF Status Monitor (Windows)

**1** On the **Hard Disk** sheet, select the personal box and click **Open**.

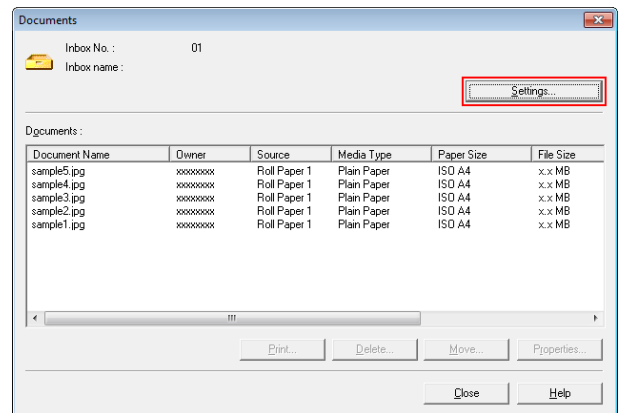


Note

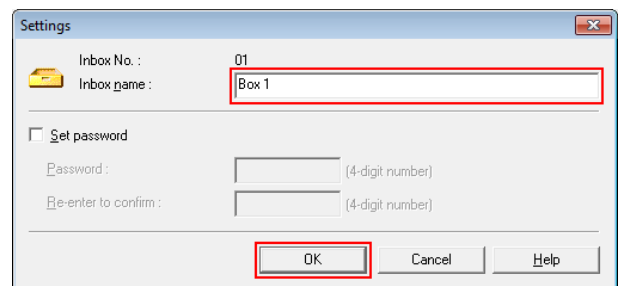
- Enter a password if one has been set for the personal box.



**2** In the **Documents** dialog box, click **Settings**.



**3** In the **Settings** dialog box, enter the name and click **OK**.

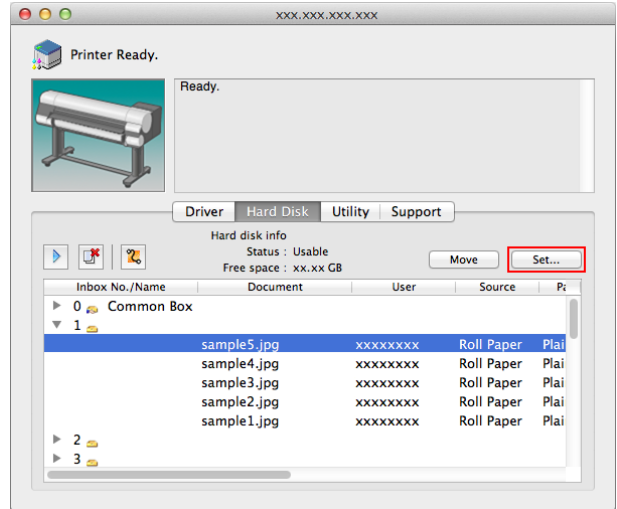


For details, refer to the imagePROGRAF Status Monitor help file.



### Using imagePROGRAF Printmonitor (Mac OS)

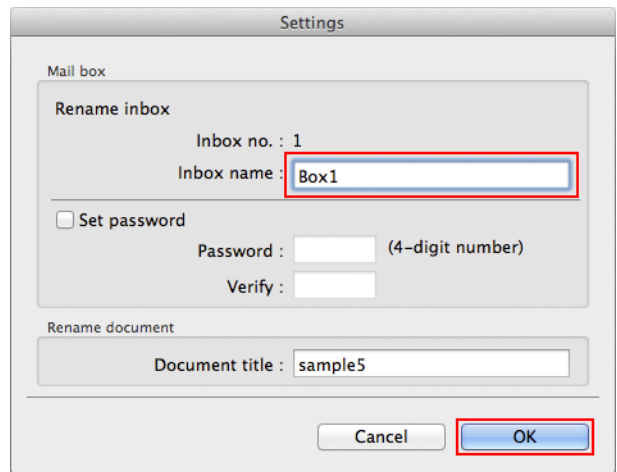
**1** In the **Hard Disk** pane, click ► next to **Inbox No./Name**. Select a saved job in the list and click **Set**.



- Enter a password if one has been set. The password is a four-digit number.



**2** In the **Settings** dialog box, enter the name and click **OK**.




For details, refer to the imagePROGRAF Printmonitor help file.

### Displaying a List of Saved Jobs

Print jobs stored on the printer's hard disk (saved jobs) can be listed by box as follows. These operations are available from the Control Panel or in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

### Using the Control Panel

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Job tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Job Menu** is displayed.

- 3 Press ▲ or ▼ to select **Stored Job**, and then press the **OK** button.

- 4 Press ▲ or ▼ to select the box number (in the range 00–29), and then press the **OK** button.

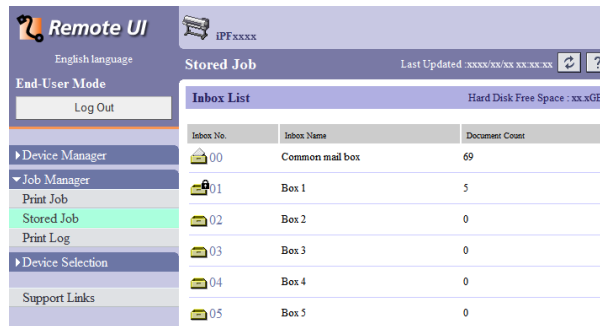


• Enter a password if one has been set, and then press the **OK** button.

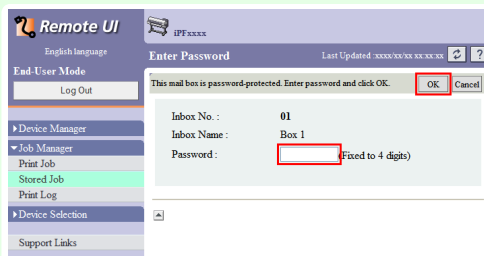
- 5 Press ▲ or ▼ to select **Job List**, and then press the **OK** button.

### Using RemoteUI

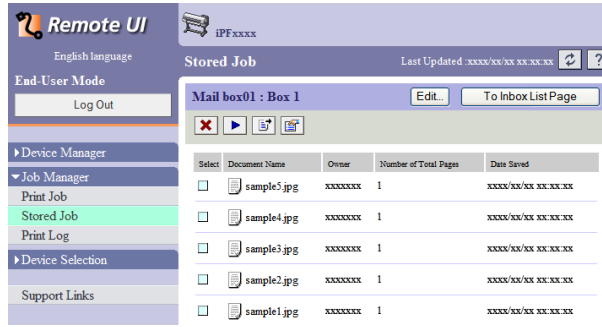
On the **Stored Job** page, choose the box.



• Enter a password if one has been set.



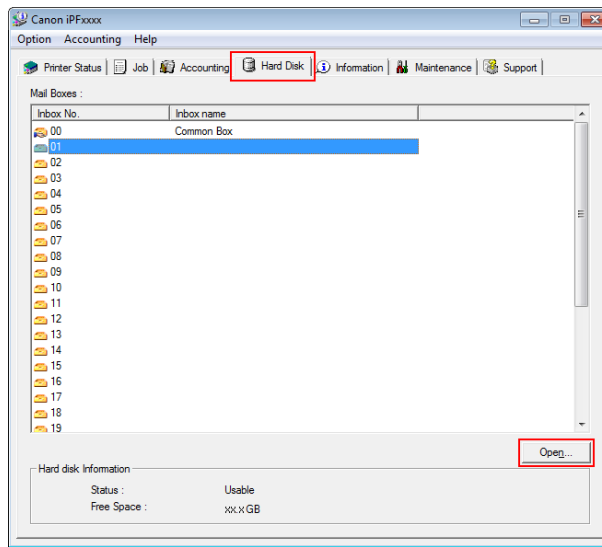
Jobs saved in the box are listed.



For details, refer to the RemoteUI help.

### Using imagePROGRAF Status Monitor (Windows)

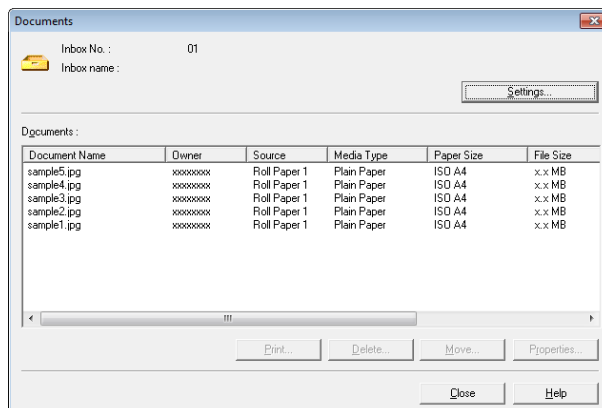
On the **Hard Disk** sheet, select a box and click **Open**.



- Enter a password if one has been set.



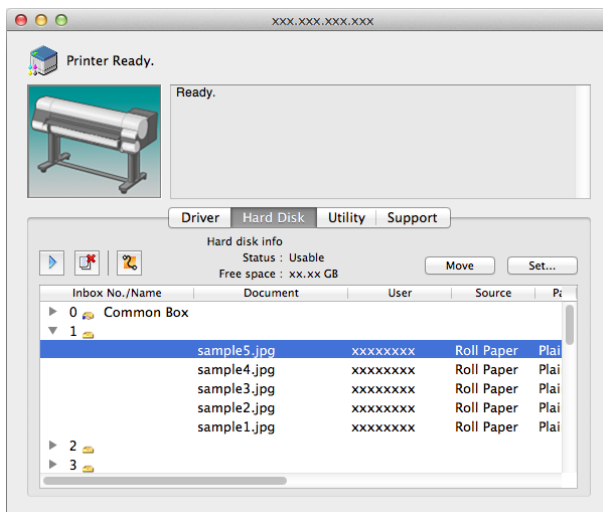
Jobs saved in that box are displayed in the **Documents** dialog box.



For details, refer to the imagePROGRAF Status Monitor help file.

### Using imagePROGRAF Printmonitor (Mac OS)

On the **Hard Disk** pane, click ► by **Inbox No./Name**.




- Enter a password if one has been set. The password is a four-digit number.

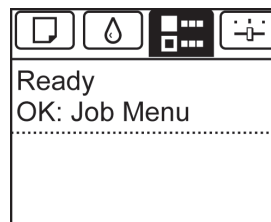


For details, refer to the imagePROGRAF Printmonitor help file.

### Printing a List of Saved Jobs

The list of print jobs stored on the printer's hard disk (saved jobs) can be printed by box as follows.

- 1 On the **Tab Selection** screen of the Control Panel, press ◀ or ▶ to select the Job tab (  ).



- If the **Tab Selection** screen is not displayed, press the **Menu** button.

- 2 Press the **OK** button. The **Job Menu** is displayed.
- 3 Press ▲ or ▼ to select **Stored Job**, and then press the **OK** button.

4 Press ▲ or ▼ to select the box number (in the range 00–29), and then press the **OK** button.



• Enter a password if one has been set, and then press the **OK** button.

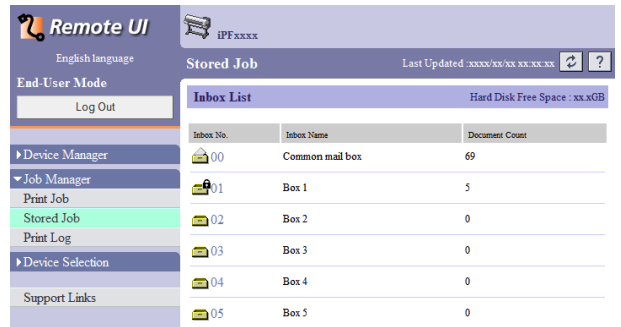
5 Press ▲ or ▼ to select **Print Job List**, and then press the **OK** button.

### Displaying Details of Saved Jobs

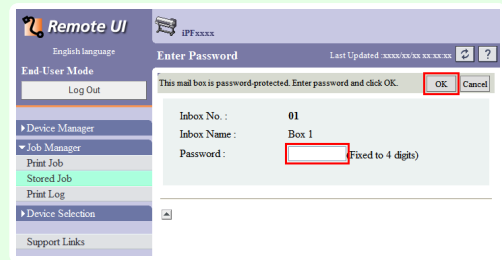
Details of print jobs stored on the printer's hard disk (saved jobs) can be displayed as follows. This operation is available in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

#### Using RemoteUI

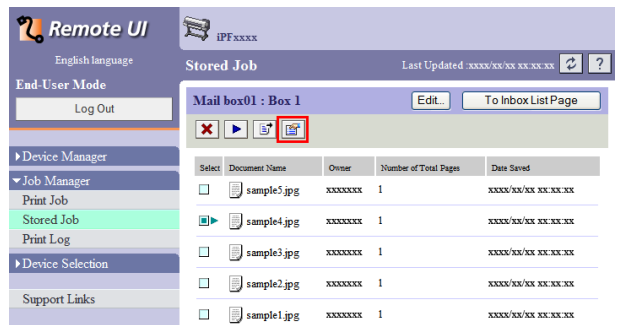
1 On the **Stored Job** page, choose the box.



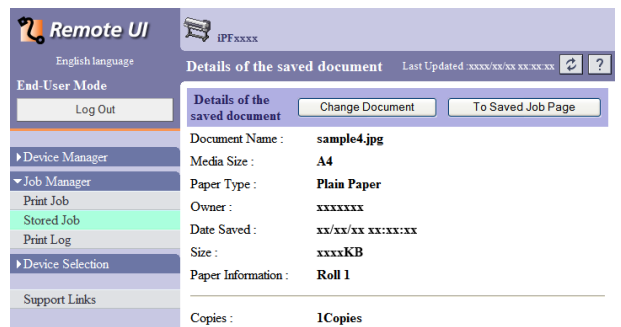
• Enter a password if one has been set.



2 Select the print job and click **Details**.



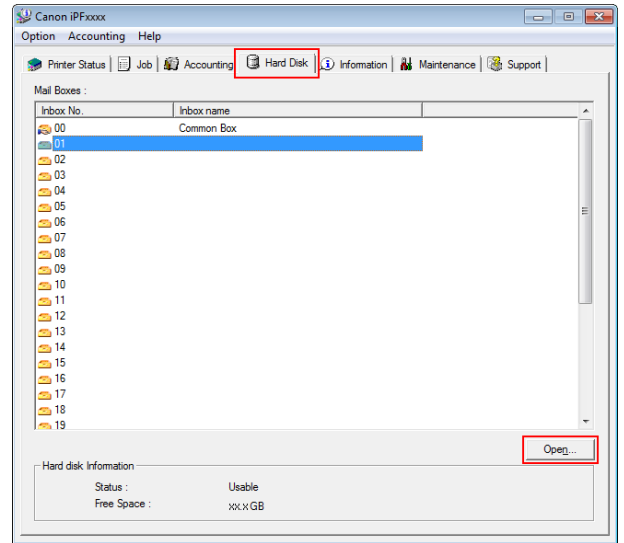
The **Details of the saved document** page is displayed.



For details, refer to the RemoteUI help file.

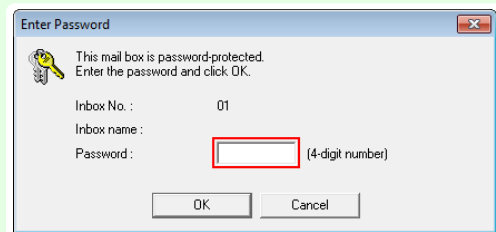
## Using imagePROGRAF Status Monitor (Windows)

- 1 On the **Hard Disk** sheet, select a box and click **Open**.

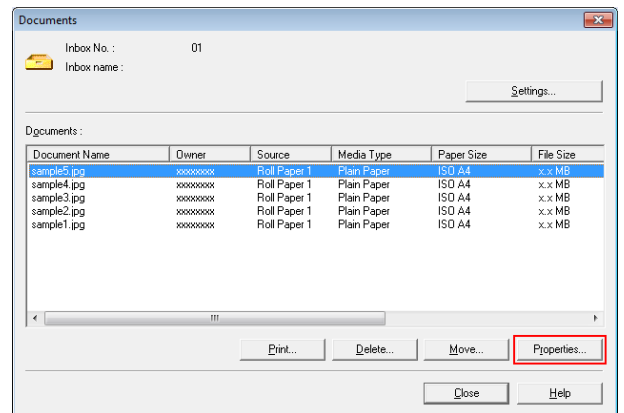


Note

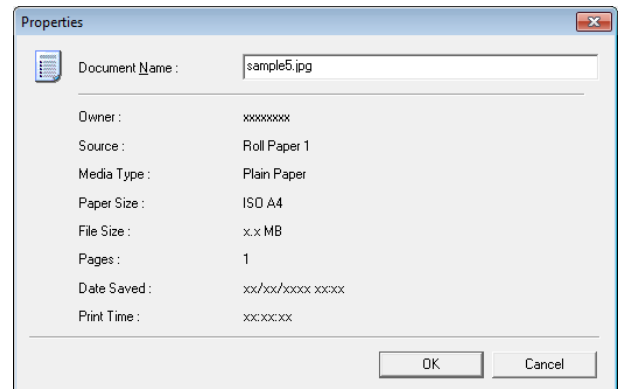
- Enter a password if one has been set.



- 2 In the **Documents** dialog box, select the print job and click **Properties**.



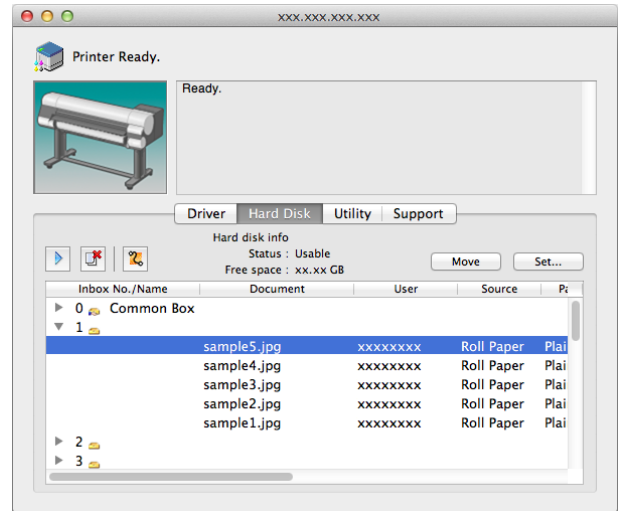
The **Properties** dialog box is displayed.



For details, refer to the imagePROGRAF Status Monitor help file.

### Using imagePROGRAF Printmonitor (Mac OS)

- 1 In the **Hard Disk** pane, click ► next to **Inbox No./Name**.



- Enter a password if one has been set. The password is a four-digit number.



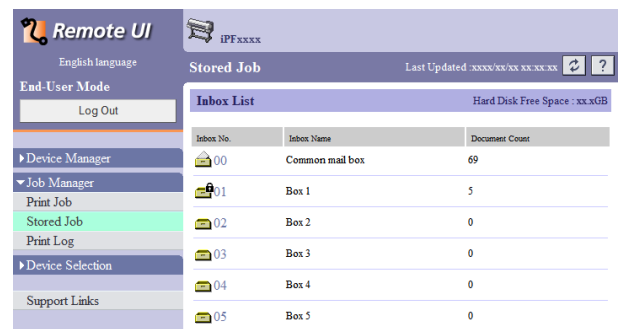
For details, refer to the imagePROGRAF Printmonitor help file.

### Renaming Saved Jobs

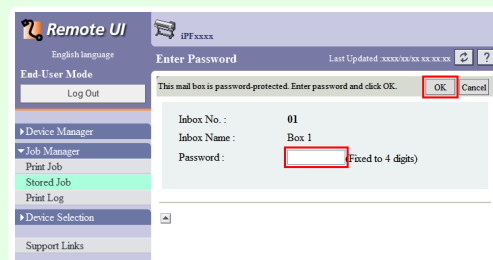
Print jobs stored on the printer's hard disk (saved jobs) can be renamed as follows. This operation is available in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

#### Using RemoteUI

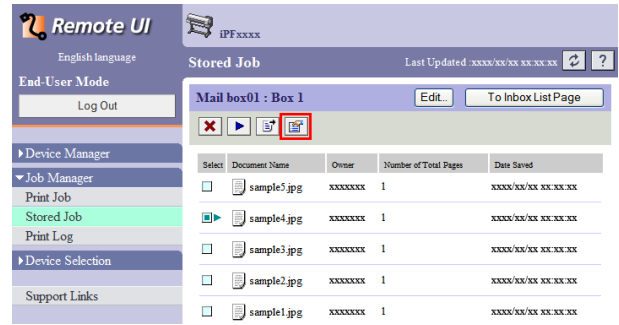
- 1 On the **Stored Job** page, choose the box.



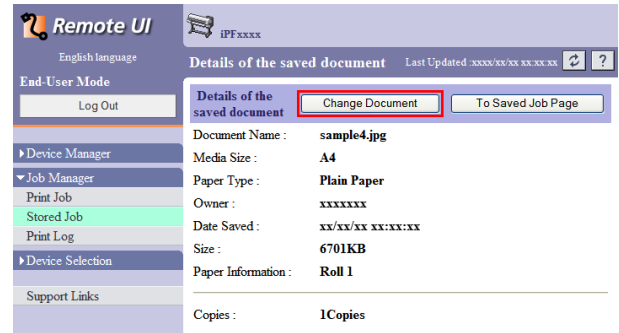
- Enter a password if one has been set.



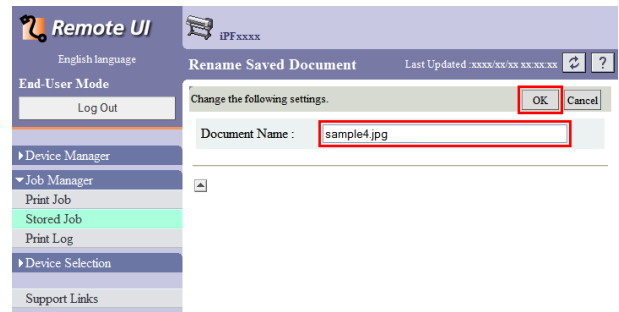
**2** Select the print job and click **Details**.



**3** On the **Details of the saved document** page, click **Change Document**.



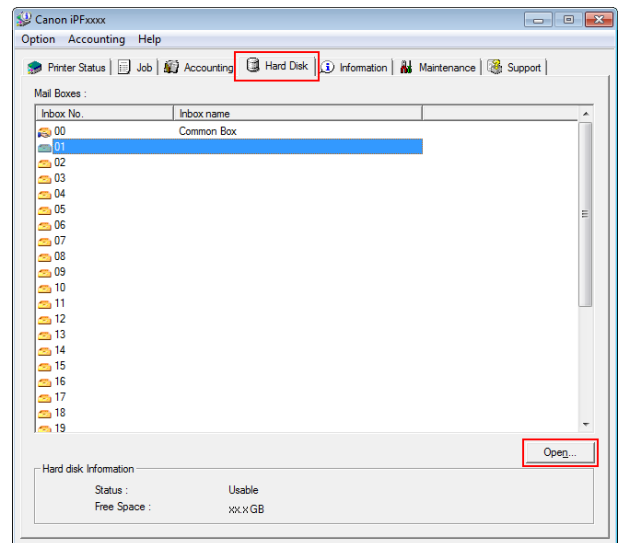
**4** In the **Rename Saved Document** dialog box, enter the name and click **OK**.



For details, refer to the RemoteUI help file.

### Using imagePROGRAF Status Monitor (Windows)

**1** On the **Hard Disk** sheet, select a box and click **Open**.

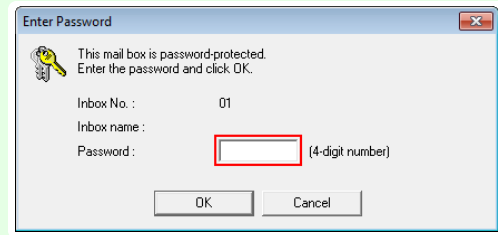


Print Job Management  
Advanced Print Job Operations



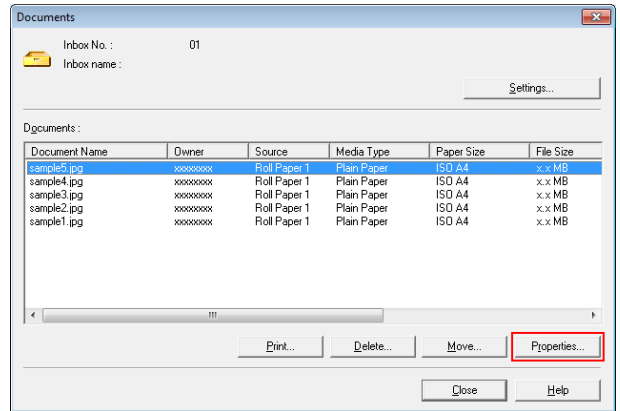


- Enter a password if one has been set.



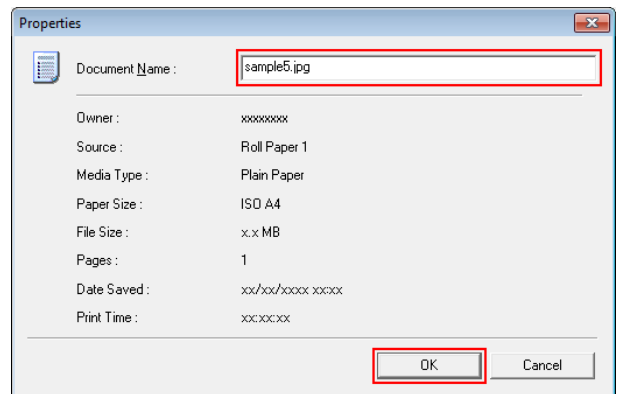
2

In the **Documents** dialog box, select the print job and click **Properties**.



3

In the **Properties** dialog box, enter the new name and click **OK**.

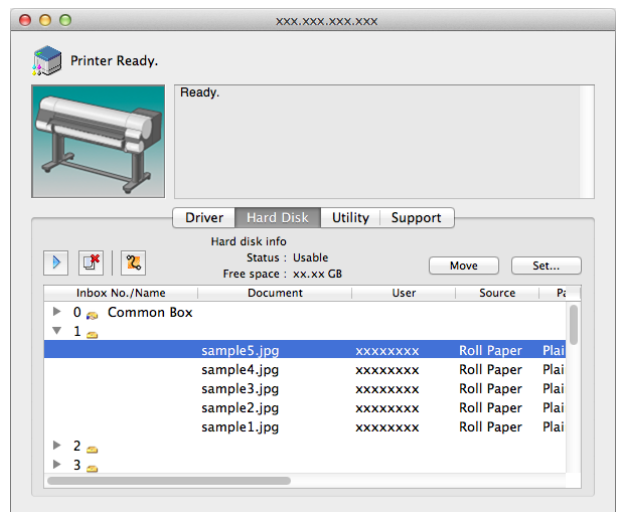


For details, refer to the imagePROGRAF Status Monitor help file.

### Using imagePROGRAF Printmonitor (Mac OS)

1

In the **Hard Disk** pane, click ► next to **Inbox No./Name**.



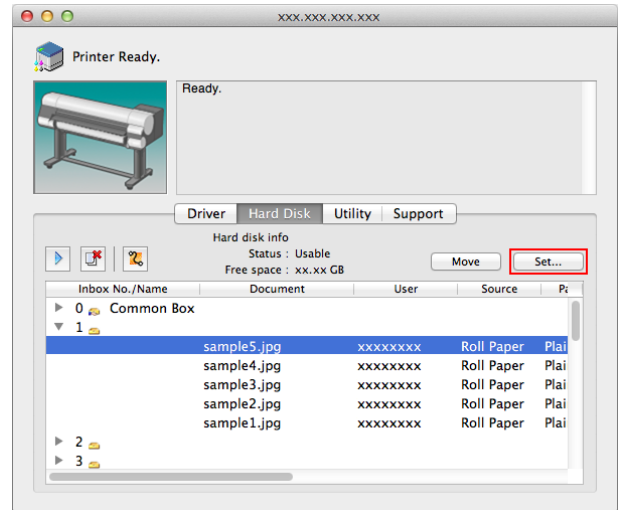


- Enter a password if one has been set. The password is a four-digit number.



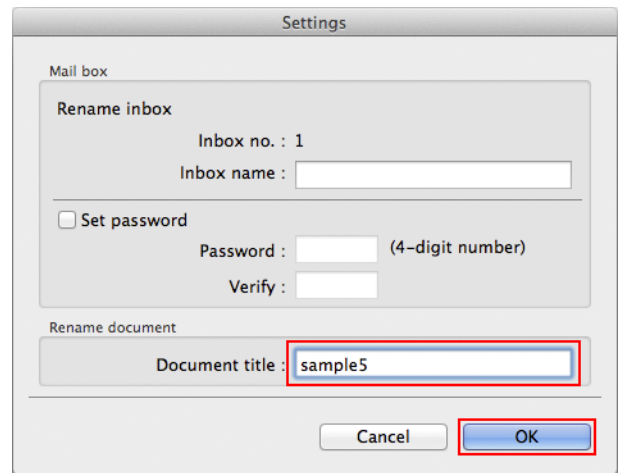
2

Select the print job and click **Set**.



3

In the **Settings** dialog box, enter the new name and click **OK**.



For details, refer to the imagePROGRAF Printmonitor help file.

Print Job Management  
Advanced Print Job Operations

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495

## Adjustments for Better Print Quality

Adjusting the Printhead .....	550
Adjusting the feed amount .....	558

Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

## Adjusting the Printhead

Adjusting the Printhead .....	550
Automatic Adjustment to Straighten Lines and Colors .....	550
Manual Adjustment to Straighten Lines and Colors .....	552
Adjustment When Installing the Printhead .....	553
Adjusting Line Misalignment .....	554
Troubleshooting Paper Abrasion and Blurry Images .....	556

### Adjusting the Printhead

If printed documents are affected by the following problems, try adjusting the printhead.

- Printing is faint or affected by banding in different colors

Execute **Nozzle Check** in the Control Panel menu to check for printhead nozzle clogging.

For instructions, see "Checking for Nozzle Clogging." →P.577

- Printed vertical lines are warped or colors are out of alignment

Execute **Head Posi. Adj.** in the Control Panel menu to adjust the printhead position.

- Normally, execute **Standard**.

(See "Automatic Adjustment to Straighten Lines and Colors.") →P.550

- When printing on special paper, or if printing is not improved after **Standard**, try **Manual**.

(See "Manual Adjustment to Straighten Lines and Colors.") →P.552



Note

- In the next case, execute **Initial adjustmt.**

(See "Adjustment When Installing the Printhead.") →P.553

- If adjusting the printhead position has not been performed such as due to an error during initial setup
- If **Rep.P.head Print** in the Control Panel menu is set to **Off** and adjusting the printhead position has not been performed when replacing the printhead

- Paper rubs against the printhead, or image edges are blurred

Selecting **Head Height** in the Control Panel menu and changing the printhead height may improve the situation.

(See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556

### Automatic Adjustment to Straighten Lines and Colors

If vertical lines in printed documents are warped or colors are out of alignment, execute **Head Posi. Adj.**. The printer will print and read a test pattern, and the Printhead position will be adjusted automatically.

There are two modes for automatic Printhead adjustment: **Standard** and **Simple**.

- **Standard**

Execute if vertical lines in printed material are warped or colors are out of alignment.

Furthermore, if **Simple** does not improve printing, try **Standard**.

- **Simple**

Executes simple adjustment in a short time.

Execute this when frequently adjusting the printhead, such as during daily inspection.





**Important**

- This function is not available with Tracing Paper, Translucent Matte Film, or Clear Film.
- If adjustment is not possible as expected using special media, try another type of paper, or try **Manual** adjustment. (See "Manual Adjustment to Straighten Lines and Colors.") →P.552



**Note**

- Because the results of adjustment vary depending on the type of paper used for adjustment, use the same type of paper as you will use for printing.
- If **Standard** does not improve printing, try adjusting the printhead manually. (See "Manual Adjustment to Straighten Lines and Colors.") →P.552
- If the printhead position was not adjusted during initial setup or when the printhead was replaced, execute **Initial adjustmt.** (See "Adjustment When Installing the Printhead.") →P.553

Items to Prepare

When Using Rolls	An unused roll at least 254.0 mm (10.00 in) wide
When Using Sheets	<b>Standard</b> : Two sheets of unused paper, A4/Letter size (or one sheet when using A3 or larger) <b>Simple</b> : One sheet of unused paper, A4/Letter size

Perform adjustment as follows.

**1**

Load paper.


- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353

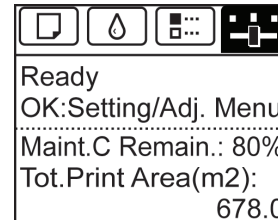


**Important**

- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

**2**

On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



**Note**

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

**3**

Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

**4**

Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

**5**

Press ▲ or ▼ to select **Head Posi. Adj.**, and then press the **OK** button.

**6**

Press ▲ or ▼ to select **Standard** or **Simple**, and then press the **OK** button.  
A test pattern is printed for adjustment.  
Adjustment is now finished if you have printed on a roll.

**7**

If you are printing on cut sheets, a confirmation message is displayed on the Display Screen asking you whether to continue printing.  
Press the **OK** button and follow the instructions on the Display Screen.

## Manual Adjustment to Straighten Lines and Colors

If printed vertical lines are warped or colors are out of alignment, execute **Head Posi. Adj.** to adjust the Printhead alignment.

Normally, execute **Standard**.

(See "Automatic Adjustment to Straighten Lines and Colors.") →P.550

However, when printing on special paper, or if printing is not improved after **Standard**, try **Manual**.

**Manual** adjustment requires you to examine the printed test pattern and enter an adjustment value.



Note

- We recommend using the type of paper you use most often for adjustment.
- If the printhead position was not adjusted during initial setup or when the printhead was replaced, execute **Initial adjustmt.**  
(See "Adjustment When Installing the Printhead.") →P.553

### Items to Prepare

When Using Rolls	An unused roll at least 254.0 mm (10.00 in) wide
When Using Sheets	Two sheets of unused paper of at least A4/Letter size (or one sheet when using A2 or larger)

Perform adjustment as follows.

### 1 Load paper.

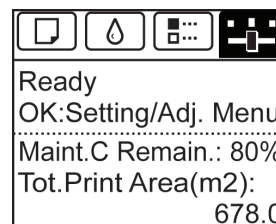
- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353



Important

- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

### 2 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab ( ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

### 3 Press the **OK** button. The **Set./Adj. Menu** is displayed.

### 4 Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

### 5 Press ▲ or ▼ to select **Head Posi. Adj.**, and then press the **OK** button.

### 6 Press ▲ or ▼ to select **Other**, and then press the **OK** button.

**7** Press ▲ or ▼ to select **Manual**, and then press the **OK** button.  
A test pattern is printed for adjustment.

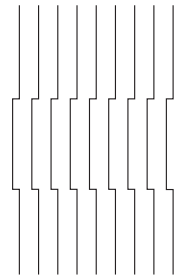
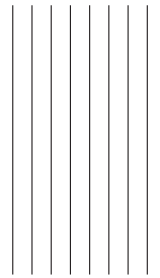


• **Manual** may be unavailable in some cases, even if it is displayed in the menu.  
If so, execute **Standard** once.  
(See "Automatic Adjustment to Straighten Lines and Colors.") →P.550

**8** Press ▲ or ▼ to select **D**, and then press the **OK** button.

**9** Press ▲ or ▼ to select **D-1**, and then press the **OK** button.

**10** Examine adjustment test pattern **D-1** and determine the number with straight lines.



• If two patterns seem equally good and you cannot decide which one is better, choose an intermediate value.  
For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.

**11** Press ▲ or ▼ to select the pattern number you have decided, and then press the **OK** button.

**12** Repeat steps 9–11 to specify the adjustment value for **D-2** to **D-23**.  
Note that **D-6**, **D-12**, **D-18**, and **D-24** cannot be configured.

**13** Press the **Back** button.

**14** Press ▲ or ▼ to select **Register Setting**, and then press the **OK** button.

**15** Press ▲ or ▼ to select **Yes**, and then press the **OK** button.  
The adjustment value is now registered, and adjustment is complete.

### Adjustment When Installing the Printhead

Printhead position adjustment is executed when the printhead is first installed.  
This adjustment should be executed in the following situations.

- If adjusting the printhead position has not been performed such as due to an error during initial setup
- If **Rep.P.head Print** in the Control Panel menu is set to **Off** and adjusting the printhead position has not been performed when replacing the printhead



• We recommend that the same paper as the paper included with the printer is used for this adjustment.

#### Items to Prepare

When Using Rolls	An unused roll at least 254.0 mm (10.00 in) wide
When Using Sheets	Three sheets of unused paper of at least A4/Letter size (or one sheet when using A3 or larger)

Perform adjustment as follows.

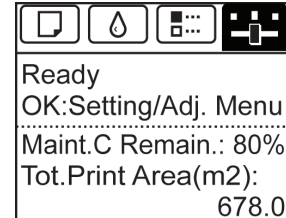
### 1 Load paper.

- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353



- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

### 2 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** ( ).



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

### 3 Press the **OK** button. The **Set./Adj. Menu** is displayed.

### 4 Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

### 5 Press ▲ or ▼ to select **Head Posi. Adj.**, and then press the **OK** button.

### 6 Press ▲ or ▼ to select **Other**, and then press the **OK** button.

### 7 Press ▲ or ▼ to select **Initial adjustmt**, and then press the **OK** button. A test pattern is printed for adjustment. Adjustment is now finished if you have printed on a roll.

### 8 If you are printing on sheets, a confirmation message is displayed requesting you to continue printing. Press the **OK** button and follow the instructions.

## Adjusting Line Misalignment

If printed lines are misaligned, execute **Head Inc. Adj.** to adjust the angle of inclination of the Printhead. Executing **Head Inc. Adj.** requires you to examine a printed test pattern and enter an adjustment value.

Paper to Prepare

Rolls	An unused roll at least 254.0 mm (10.00 in) wide
Sheets	One sheet of unused paper of at least A4/Letter size

Perform adjustment as follows.


### 1 Load the paper.

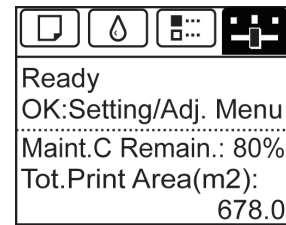
- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353



- When loading paper, specify the type of paper correctly. Using paper that you have not specified on the printer may cause feeding problems and affect the printing quality.
- We recommend loading a type of paper that you use often.



- 2** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



Note

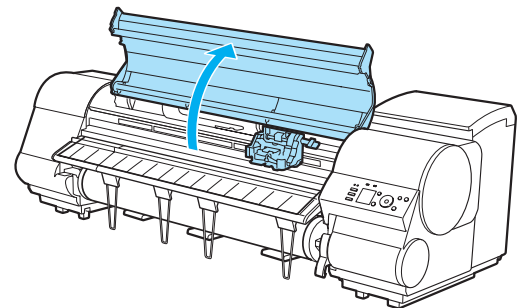
- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 3** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

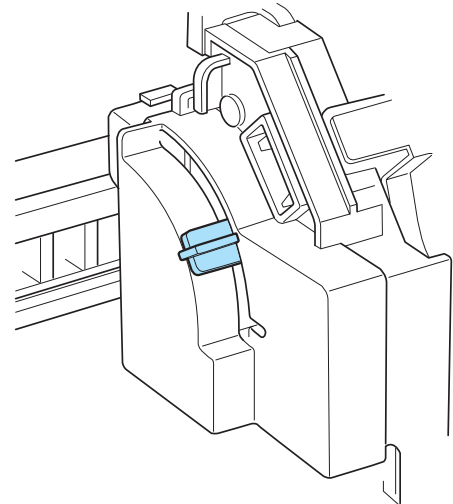
- 4** Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

- 5** Press ▲ or ▼ to select **Head Inc. Adj.**, and then press the **OK** button.  
After the Carriage is moved, a message is displayed requesting you to open the Top Cover.

- 6** Open the Top Cover.



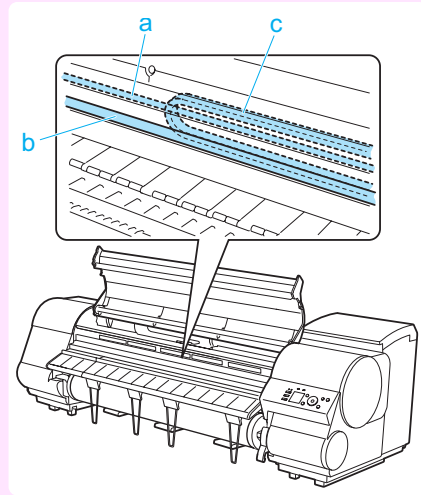
- 7** Align the Angle Adjustment Lever with the red square and close the Top Cover.



A test pattern is printed for adjustment.



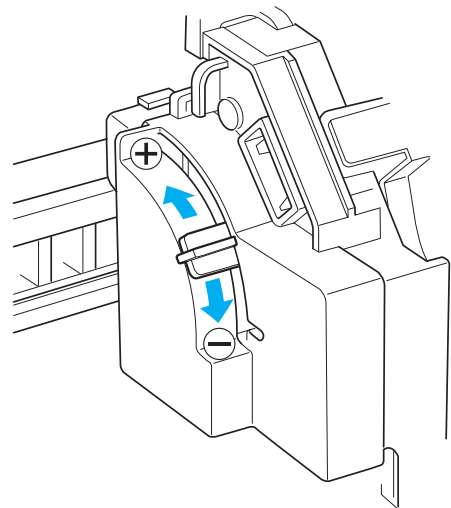
- Do not touch the Linear Scale (a), Carriage Shaft (b), or Ink Tube Stabilizer (c). Touching these parts may damage them.



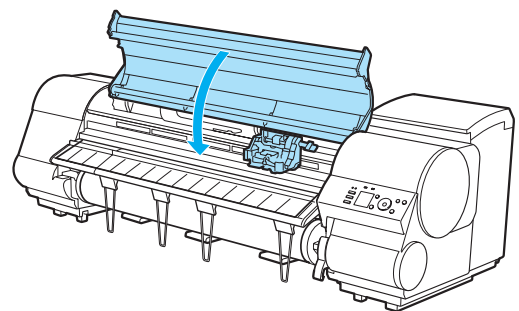
**8** Examine the test pattern for adjustment. Determine the straightest set of lines.



**9** Open the Top Cover and move the Angle Adjustment Lever to match the number (or the square) of the straightest set of lines.  
 If no single set of lines is perfectly straight, move the Angle Adjustment Lever to a position between the numbers (or between the number and the square) of the two sets of lines that are least misaligned.



**10** Close the Top Cover. The Printhead is now straight, and adjustment is complete.



### Troubleshooting Paper Abrasion and Blurry Images

The Printhead height setting affects printing quality. Specifying a low Printhead height makes images clearer and enhances printing quality but may cause paper to rub against the Printhead. On the other hand, specifying a high Printhead height will prevent paper from rubbing against the Printhead but may reduce the printing quality.




Important

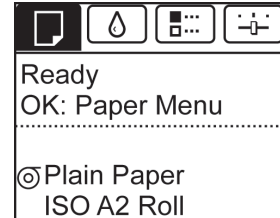
- Paper rubbing against or becoming caught on the Printhead may jam or result in printed documents that are soiled.



Note

- Raise or lower the printhead, depending on the nature of the problem.  
(See "Paper rubs against the Printhead.") →P.620  
(See "The edges of the paper are dirty.") →P.620  
(See "Image edges are blurred or white banding occurs.") →P.623

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Paper tab (  ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Paper Menu** is displayed.

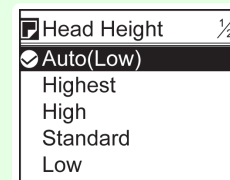
- 3 Press ▲ or ▼ to select **Paper Details**, and then press the **OK** button.

- 4 Press ▲ or ▼ to select the type of paper, and then press the **OK** button.



Note

- When **Head Height** is set to **Automatic**, the setting value selected for the previous print job is displayed (to the right of **Automatic** ) once you select the type of paper currently supplied.  
Note that this is not displayed if any of the following is executed.
  - Turning off the power
  - Replacing paper
  - Entering sleep mode



- 5 Press ▲ or ▼ to select **Head Height**, and then press the **OK** button.

- 6 Press ▲ or ▼ to select the desired setting value, and then press the **OK** button.



Note

- Using **Automatic** will ensure that the printer adjusts the Printhead height to the optimal level before printing, accounting for the ambient temperature and humidity. When a setting other than **Automatic** is used, that value will always be applied.
  - Depending on the type of paper, some setting values may not be available.

## Adjusting the feed amount

Adjusting the Feed Amount .....	558
Selecting a Feed Amount Adjustment Method .....	558
Automatic Banding Adjustment .....	559
Manual Banding Adjustment .....	560
Fine-Tuning the Paper Feed Amount .....	562
Adjusting Line Length .....	562
Adjusting the Vacuum Strength .....	564

### Adjusting the Feed Amount

If printed documents are affected by the following problems, try adjusting the feed amount.

- Banding in different colors
- Line length is not accurate in the direction paper is fed

To adjust the feed amount, do the following, in this order.

- 1 Depending on the issue, adjust **Adj. Priority** to suit the particular type of paper.  
(See "Selecting a Feed Amount Adjustment Method.") →P.558
- 2 Execute **Adj. Quality** or **Adjust Length**, depending on the selection in **Adj. Priority**.  
(See "Automatic Banding Adjustment.") →P.559  
(See "Manual Banding Adjustment.") →P.560  
(See "Adjusting Line Length.") →P.562
- 3 After executing **Adj. Quality**, execute **Adj. Fine Feed** for further adjustment as needed.  
(See "Fine-Tuning the Paper Feed Amount.") →P.562

### Selecting a Feed Amount Adjustment Method

Methods of adjusting the amount paper is fed are set in **Adj. Priority**.

Adjust **Adj. Priority** to suit your particular printing application.

- **Print Quality**: Adjusts the feed amount to reduce banding across the sheet in printed documents.  
**Adj. Quality** settings are applied. When **Adj. Fine Feed** is executed, the **Adj. Fine Feed** settings are applied in addition to the **Adj. Quality** settings.
- **Print Length**: Adjusts the feed amount for better accuracy of lines in printed documents.  
The settings of **A:High** or **B:Standard/Draft** in **Adjust Length** are applied.
- **Automatic**: **Print Quality** or **Print Length** is selected, depending on **Print Priority** as selected in the printer driver at the time of printing.  
**Image** or **Office Document**: **Print Quality** is selected.  
**Line Drawing/Text**: **Print Length** is selected.




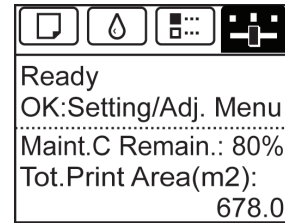
Note

- Either **A:High** or **B:Standard/Draft** in the **Adjust Length** menu is applied, depending on printer driver settings at the time of printing.
- If you have selected **Easy Settings** in the printer driver, follow these steps to confirm the **Print Priority** setting.
  - Windows: Click **View Settings** on the **Main** tab to display the **View Settings** dialog box.
  - Mac OS: Click **View set.** on the **Main** pane to display the **View set.** dialog box.

Follow these steps to configure the settings.

- 1 Load the paper.
  - **Attaching the Roll Holder to Rolls** →P.330
  - **Loading Rolls in the Printer** →P.333
  - **Loading Sheets in the Printer** →P.353

2 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

3 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

4 Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

5 Press ▲ or ▼ to select **Feed Priority**, and then press the **OK** button.

6 Press ▲ or ▼ to select **Adj. Priority**, and then press the **OK** button.

7 Press ▲ or ▼ to select **Automatic**, **Print Quality**, or **Print Length**, and then press the **OK** button.

### Automatic Banding Adjustment

If printed images are affected by banding in different colors across the sheet, execute **Adj. Quality** for automatic adjustment of the paper feed amount.

There are two modes of automatic adjustment to correct banding: **Auto(GenuinePpr)** and **Auto(OtherPaper)**. In either mode, the printer prints and reads a test pattern for automatic adjustment of the feed amount.

• **Auto(GenuinePpr)**

Use this mode with paper identified in the **Paper Reference Guide**.  
(See "Types of Paper.") →P.320

• **Auto(OtherPaper)**

Use this mode with paper not in the **Paper Reference Guide**, or if **Auto(GenuinePpr)** does not eliminate banding.  
(See "Types of Paper.") →P.320



• Adjustment is not possible with **Auto(GenuinePpr)** and **Auto(OtherPaper)** when using highly transparent media. In this case, use **Manual** adjustment.  
(See "Manual Banding Adjustment.") →P.560



- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Adj. Priority** values before using **Auto(GenuinePpr)** or **Auto(OtherPaper)**.  
(See "Selecting a Feed Amount Adjustment Method.") →P.558
- If additional fine-tuning is necessary after **Auto(GenuinePpr)** and **Auto(OtherPaper)**, execute **Adj. Fine Feed**.  
(See "Fine-Tuning the Paper Feed Amount.") →P.562
- Use **Adjust Length** to ensure that lines in CAD drawings are printed at exactly the right length.  
(See "Adjusting Line Length.") →P.562
- This may take some time, depending on the type of paper.

#### Items to Prepare

When Using Rolls	An unused roll at least 254.0 mm (10.00 in) wide
When Using Sheets	<b>Auto(GenuinePpr)</b> : One sheet of unused paper, A4/Letter size <b>Auto(OtherPaper)</b> : Two sheets of unused paper of at least A4/Letter size (or one sheet when using A2 or larger)


Perform adjustment as follows.

**1** Load the paper.

- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353



- Always make sure the loaded paper matches the type of paper specified in the settings. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

**2** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** (  ).



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

**3** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

**4** Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

**5** Press ▲ or ▼ to select **Feed Priority**, and then press the **OK** button.

**6** Press ▲ or ▼ to select **Adj. Quality**, and then press the **OK** button.

**7** Press ▲ or ▼ to select **Auto(GenuinePpr)** or **Auto(OtherPaper)**, and then press the **OK** button.  
A test pattern is printed for adjustment.  
Adjustment is now finished if you have printed on a roll or a sheet of A2 size or larger.

**8** If you are printing on sheets smaller than A2 size for **Auto(OtherPaper)**, a confirmation message is shown on the Display Screen requesting you to continue printing.  
Press the **OK** button and follow the instructions on the Display Screen.

## Manual Banding Adjustment

If printed images are affected by banding in different colors, execute **Adj. Quality** for adjustment of the paper feed amount.

Use **Manual** adjustment with highly transparent media or other paper for which **Auto(GenuinePpr)** or **Auto(OtherPaper)** cannot be used.

(See "Automatic Banding Adjustment.") →P.559

**Manual** adjustment requires you to enter an adjustment value after a test pattern is printed.



- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Adj. Priority** values before using **Manual** adjustment.  
(See "Selecting a Feed Amount Adjustment Method.") →P.558
- If additional fine-tuning is necessary after **Manual** adjustment, use **Adj. Fine Feed**  
(See "Fine-Tuning the Paper Feed Amount.") →P.562
- Use **Adjust Length** to ensure that lines in CAD drawings are printed at exactly the right length.  
(See "Adjusting Line Length.") →P.562


Paper to Prepare

When Using Rolls	An unused roll at least 254.0 mm (10.00 in) wide
When Using Sheets	Two sheets of unused paper of at least A4/Letter size

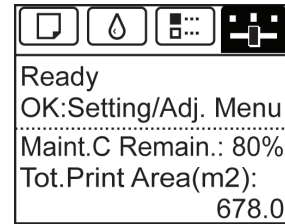
Perform adjustment as follows.


**1** Load the paper.

- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353

 **Important** • Always make sure the loaded paper matches the type of paper specified. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

**2** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



 **Note** • If the **Tab Selection screen** is not displayed, press the **Menu** button.


**3** Press the **OK** button. The **Set./Adj. Menu** is displayed.

**4** Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

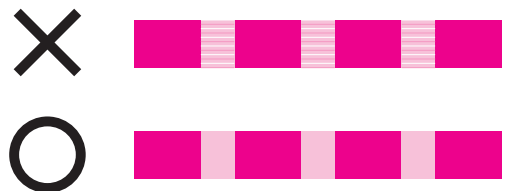
**5** Press ▲ or ▼ to select **Feed Priority**, and then press the **OK** button.


**6** Press ▲ or ▼ to select **Adj. Quality**, and then press the **OK** button.

**7** Press ▲ or ▼ to select **Manual**, and then press the **OK** button. Test pattern A is printed for manual adjustment.

 **Note** • When printing on sheets, follow the instructions on the Display Screen and remove the sheet.

**8** Examine test pattern A for adjustment. Determine the pattern in which banding is least noticeable.



 **Note** • If banding seems least noticeable in two patterns but you cannot decide which one is better, choose an intermediate value. For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.

9 Press ▲ or ▼ to select the pattern number you have decided, and then press the **OK** button. Test pattern B is printed for adjustment.



- If you printed test pattern A on a sheet, follow the instructions on the Display Screen and use another sheet of the same type of paper. Additionally, after test pattern B is printed, follow the instructions on the Display Screen and remove the sheet.

10 Examine test pattern B for adjustment. Determine the pattern in which banding is least noticeable.

11 Press ▲ or ▼ to select the pattern number you have decided, and then press the **OK** button. The adjustment value is now registered, and adjustment is complete.


### Fine-Tuning the Paper Feed Amount

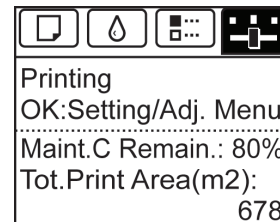
If the contrast is uneven or banding in different colors appears at 50 mm (2.0 in) intervals in printed documents, try executing **Adj. Fine Feed** during printing to fine-tune the feed amount.



- The **Adj. Fine Feed** menu is only displayed during printing. Additionally, it is displayed when you have selected **Automatic** or **Print Quality** in **Adj. Priority** in **Feed Priority**. (See "Menu Settings.") →P.442
- Always execute **Adj. Quality** before **Adj. Fine Feed**. Once you execute **Adj. Quality**, the **Adj. Fine Feed** value will revert to 0. (See "Automatic Banding Adjustment.") →P.559 (See "Manual Banding Adjustment.") →P.560

Perform adjustment as follows.

1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj.** tab (  ).



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

2 Press the **OK** button. The **Set./Adj. Menu** is displayed.

3 Press ▲ or ▼ to select **Adj. Fine Feed**, and then press the **OK** button.

4 Press ▲ or ▼ to select a setting value in the range -5 to 5, and then press the **OK** button. At this time, if banding in dark colors appears, select a setting value in the range 1 to 5, and if banding in light colors appears, select a setting value in the range -1 to -5.

### Adjusting Line Length

To ensure that lines in CAD drawings are printed at exactly the right length, use **Adjust Length** to adjust the amount that paper is advanced.


There are two options in **Adjust Length** : **AdjustmentPrint** and **Change Settings**.


- **AdjustmentPrint**  
After a test pattern is printed, you will measure the discrepancy based on the results of printing.
- **Change Settings**  
No test pattern is printed. Instead, you will measure a document already printed to determine the discrepancy.



Additionally, two modes are available in both **AdjustmentPrint** and **Change Settings** : **A:High** or **B:Standard/Draft**. Choose the mode that suits your particular printing application.

- **A:High**  
This setting is applied when **Highest** or **High** is selected in **Print Quality** in the printer driver.
- **B:Standard/Draft**  
This setting is applied when **Standard** or **Fast** is selected in **Print Quality** in the printer driver.

 We recommend executing the adjustment if you have changed the paper type or paper size.

**Note**  Always check the **Adj. Priority** values before using **Adjust Length**. (See "Selecting a Feed Amount Adjustment Method.") →P.558


Paper to Prepare

When Using Rolls	<ul style="list-style-type: none"> <li>• An unused roll at least 254.0 mm (10.00 in) wide</li> <li>• High-precision ruler</li> </ul>
When Using Sheets	<ul style="list-style-type: none"> <li>• One sheet of unused paper of at least A4/Letter size</li> <li>• High-precision ruler</li> </ul>

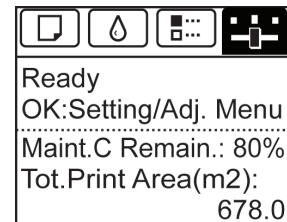
Perform adjustment as follows.


**1** Load the paper.

- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353

 **Important** Always make sure the loaded paper matches the type of paper specified. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

**2** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** (  ).



 **Note** If the **Tab Selection screen** is not displayed, press the **Menu** button.

**3** Press the **OK** button. The **Set./Adj. Menu** is displayed.

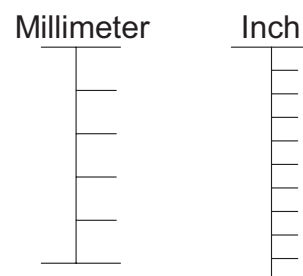
**4** Press ▲ or ▼ to select **Adjust Printer**, and then press the **OK** button.

**5** Press ▲ or ▼ to select **Feed Priority**, and then press the **OK** button.

**6** Press ▲ or ▼ to select **Adjust Length**, and then press the **OK** button.

**7** Press ▲ or ▼ to select **AdjustmentPrint** or **Change Settings**, and then press the **OK** button.

When you select **AdjustmentPrint**, a test pattern is printed for you to measure the scale and calculate the discrepancy. The scale bar prints **Millimeter** in 50 mm increments and **Inch** in 1-inch increments.





Note

- A test pattern is printed in black when you choose **A:High** or in magenta if you choose **B:Standard/Draft**.
- To cancel printing the test pattern for adjustment, hold down the **Stop** button. When "Stop printing?" is displayed, press **▲** or **▼** to select **Yes**, and then press the **OK** button.

8

Press **▲** or **▼** to enter the amount of discrepancy, and then press the **OK** button.  
If the scale is shorter than the actual size, use a positive setting value. If it is longer, use a negative value.  
The feed amount can be adjusted in 0.02% increments.

## Adjusting the Vacuum Strength


When printing on heavyweight paper or paper that curls or wrinkles easily, if the Printhead rubs against paper, adjusting the level of suction against paper on the Platen may improve results.



Important

- Paper rubbing against or becoming caught on the Printhead may jam or result in printed documents that are soiled.

1

On the **Tab Selection screen** of the Control Panel, press **◀** or **▶** to select the Paper tab (  ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

2

Press the **OK** button.  
The **Paper Menu** is displayed.

3

Press **▲** or **▼** to select **Paper Details**, and then press the **OK** button.

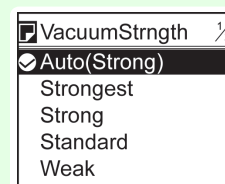
4

Press **▲** or **▼** to select the type of paper, and then press the **OK** button.



Note

- When **VacuumStrngth** is set to **Automatic**, the setting value selected for the previous print job is displayed (to the right of **Automatic** ) once you select the type of paper currently supplied.  
Note that this is not displayed if any of the following is executed.
  - Turning off the power
  - Replacing paper
  - Entering sleep mode



5

Press **▲** or **▼** to select **VacuumStrngth**, and then press the **OK** button.

6

Press **▲** or **▼** to select the desired setting value, and then press the **OK** button.

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549

## Maintenance and Consumables

Ink Tanks .....	566
Printheads .....	577
Maintenance Cartridge .....	585
Cleaning the Printer .....	591
Other Maintenance .....	594

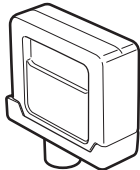
Troubleshooting	605
Error Message	637
Specifications	659
Appendix	663

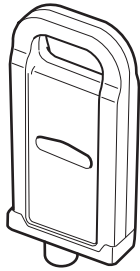
# Ink Tanks

Ink Tanks ..... 566  
 Replacing Ink Tanks ..... 566  
 Checking Ink Tank Levels ..... 575  
 When to Replace Ink Tanks ..... 575

## Ink Tanks

When purchasing, check the Model number.

Shape	Colors	Model number	Ink Type	Capacity
	Matte black	PFI-307 MBK	Pigment ink	330 ml (11.2 fl oz)
	Black	PFI-307 BK	Dye ink	
	Cyan	PFI-307 C		
	Magenta	PFI-307 M		
	Yellow	PFI-307 Y		

Shape	Colors	Model number	Ink Type	Capacity
	Matte black	PFI-707 MBK	Pigment ink	700 ml (23.7 fl oz)
	Black	PFI-707 BK	Dye ink	
	Cyan	PFI-707 C		
	Magenta	PFI-707 M		
	Yellow	PFI-707 Y		



• For instructions on Ink Tank replacement, see "Replacing Ink Tanks." →P.566

Note

## Replacing Ink Tanks

### Compatible ink tanks

For information on the compatible ink tanks for this printer, see "Ink Tanks." →P.566

Replacement ink tanks in 330 ml (11.2 fl oz) and 700 ml (23.7 fl oz) capacities are supported.



• Depending on the color, you can also use an ink tank with a different capacity.

Note

### Precautions when handling ink tanks

Take the following precautions when handling ink tanks.



Caution

- For safety, keep ink tanks out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.



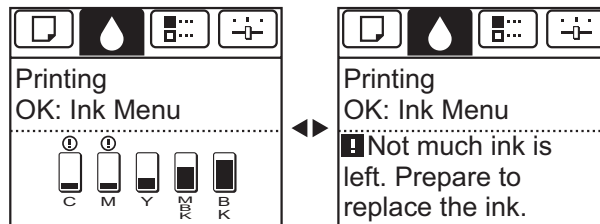
- There may be ink around the ink supply section of ink tanks you removed. Handle ink tanks carefully during replacement. The ink may stain clothing.
- Do not install used ink tanks in another model of printer. This will prevent correct ink level detection, which may damage the printer or cause other problems.
- We recommend using up an Ink Tank in the course of printing within six months after breaking the seal. Printing quality may be affected if you use older ink tanks.
- Do not leave the printer without ink tanks installed for extended periods (a month or more). Residual ink may become clogged inside the printer and affect printing quality.

### How to replace an Ink Tank

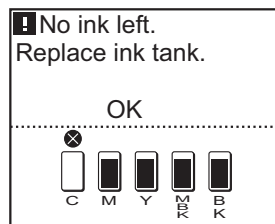
1. Confirm the message →P.567
2. Access the menu for Ink Tank replacement →P.568 (Otherwise, open the Ink Tank Cover.)
3. Remove the Ink Tank.
  - Remove the Ink Tank (330 ml) →P.568
  - Remove the Ink Tank (700 ml) →P.569
4. Load the new Ink Tank.
  - Load the Ink Tank (330 ml) →P.570
  - Load the Ink Tank (700 ml) →P.572

### Confirm the message

When the ink level becomes low, a message is displayed on the Display Screen. According to the message, replace the ink tank or prepare a new ink tank. (See "When to Replace Ink Tanks.") →P.575



If a message requests you to replace an Ink Tank, press the **OK** button. In this case, you can skip the step **Access the menu for ink tank replacement**. Follow the instructions in **Remove the ink tanks**.




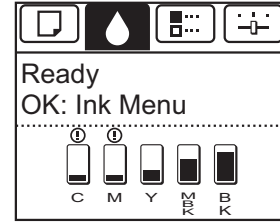
- Do not remove an Ink Tank during initialization immediately after turning on the printer, or during printhead cleaning. Ink may leak out.



- Ink Tank replacement is possible even during printing, when print jobs are being canceled, or when paper is being advanced.

Access the menu for Ink Tank replacement

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Ink tab (  ).

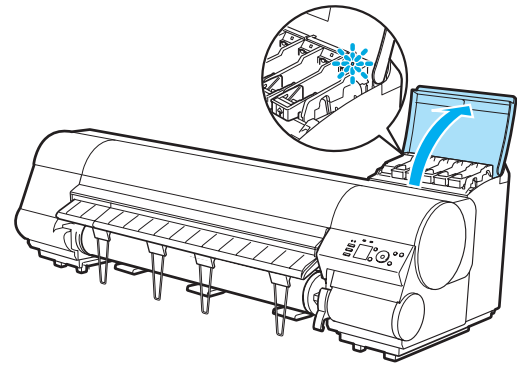


• If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Ink Menu** is displayed.
- 3 Press ▲ or ▼ to select **Rep. Ink Tank**, and then press the **OK** button.  
Instructions are displayed on the Display Screen.

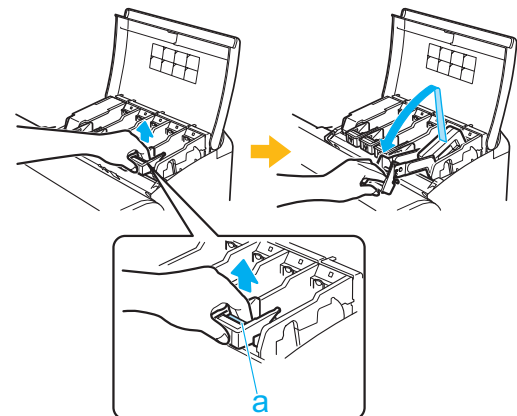
Remove the Ink Tank (330 ml)

- 1 Open the Ink Tank Cover of the tank for replacement and check the Ink Lamp.  
The Ink Lamp flashes quickly if there is no ink left.



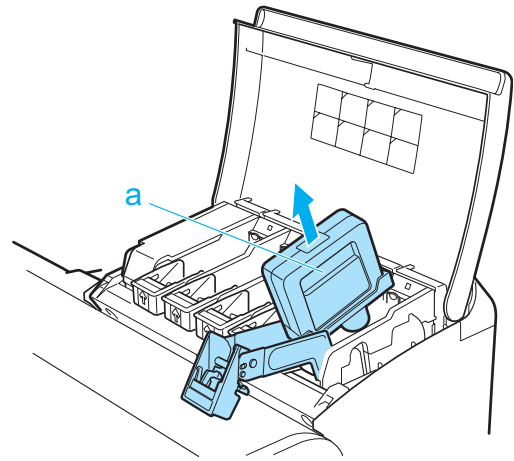
• Avoid hitting the printer when replacing an Ink Tank. Handle the printer gently when replacing tanks. Jolting the printer during printing may deteriorate print quality.

- 2 Lift the stopper (a) of the Ink Tank Lock Lever for the color to replace. Lift the Ink Tank Lock Lever until it stops, and then push it down to the front.

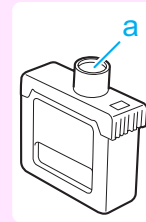


• Push the Ink Tank Lock Lever down until it locks.  
• Make sure the Ink Tank Lock Lever does not return to the original position.

**3** Hold the Ink Tank by the grips (a) and remove it. Press the **OK** button.



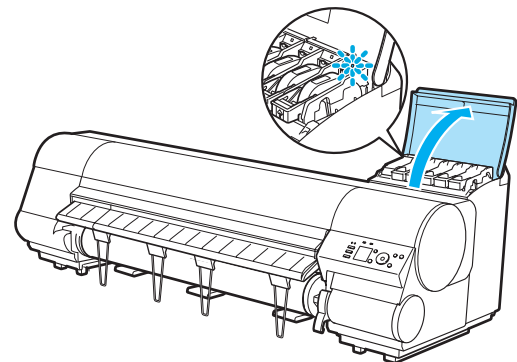
• If there is still ink in the Ink Tank you removed, store it with the ink holes (a) facing up. Otherwise, ink may leak and cause stains. Put the removed Ink Tank in a plastic bag and seal it.



• Dispose of used ink tanks according to local regulations.

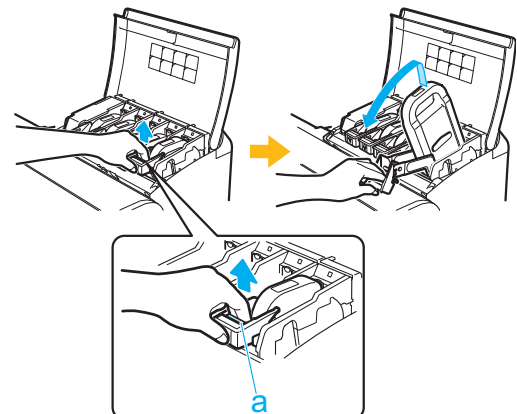
**Remove the Ink Tank (700 ml)**

**1** Open the Ink Tank Cover of the tank for replacement and check the Ink Lamp. The Ink Lamp flashes quickly if there is no ink left.



• Avoid hitting the printer when replacing an Ink Tank. Handle the printer gently when replacing tanks. Jolting the printer during printing may deteriorate print quality.

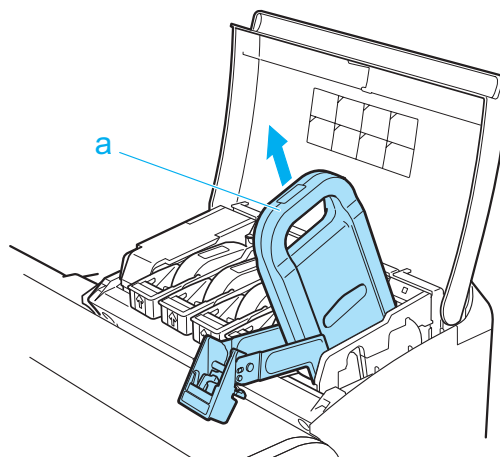
**2** Lift the stopper (a) of the Ink Tank Lock Lever for the color to replace. Lift the Ink Tank Lock Lever until it stops, and then push it down to the front.





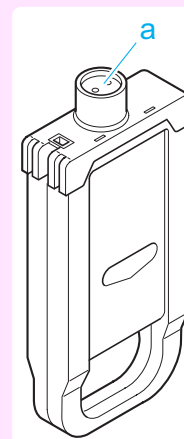
- Push the Ink Tank Lock Lever down until it locks.
- Make sure the Ink Tank Lock Lever does not return to the original position.

**3** Hold the Ink Tank by the handle (a) and remove it. Press the **OK** button.



Important

- If there is still ink in the Ink Tank you removed, store it in the box with the ink holes (a) facing up. Otherwise, ink may leak and cause stains.

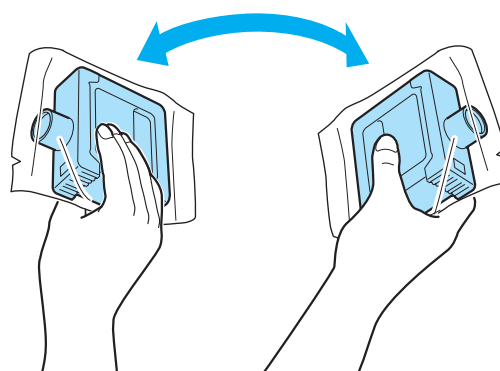


Note

- Dispose of used ink tanks according to local regulations.

### Load the Ink Tank (330 ml)

**1** Before opening the pouch, tilt the Ink Tank to the left and right gently seven or eight times.



Important

- Do not remove and agitate ink tanks that have already been installed in the printer. Ink may leak out.
- If you do not agitate the Ink Tank, the ink may settle, which may affect printing quality.

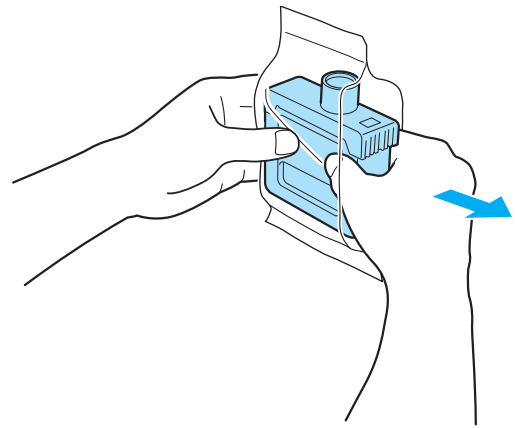



Note

- If the Ink Tank is cold, allow it to adjust to room temperature before attaching it to the printer.

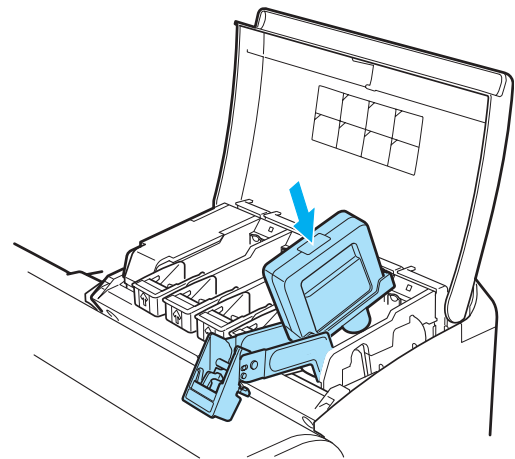



**2** Open the pouch and remove the Ink Tank.



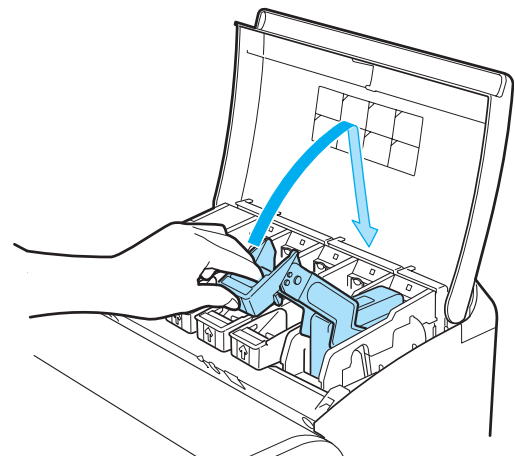
**Important**  • Never touch the ink holes or electrical contacts. This may cause stains, damage the Ink Tank, and affect printing quality.

**3** Press the **OK** button and insert the Ink Tank into the holder facing as shown, with the ink holes down.

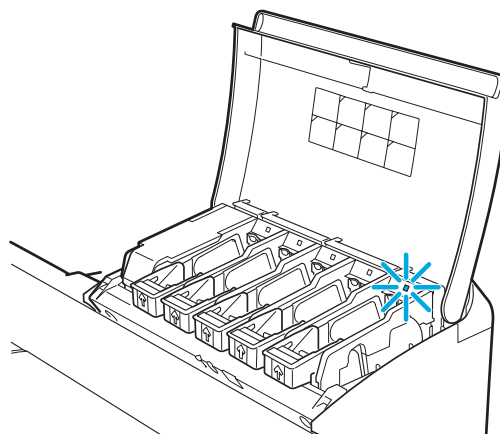


**Important**  • Ink tanks cannot be loaded in the holder if the color or orientation is incorrect. If the Ink Tank does not fit in the holder, do not force it into the holder. Make sure the color of the Ink Tank Lock Lever matches the color of the Ink Tank, and check the orientation of the Ink Tank before reloading it.

**4** Lift the Ink Tank Lock Lever until it stops, and then push it down until it clicks into place.



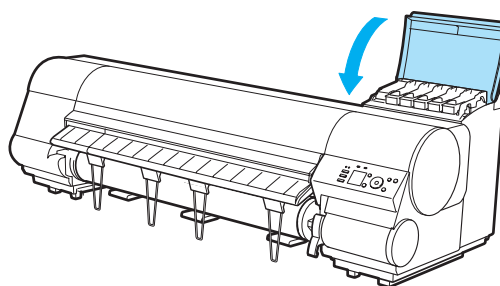
**5** Make sure the Ink Lamp is lit in red.



• If the Ink Lamp is not lit in red, reload the tank.

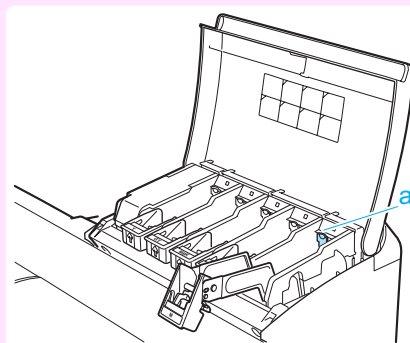
Note

**6** Close the Ink Tank Cover.



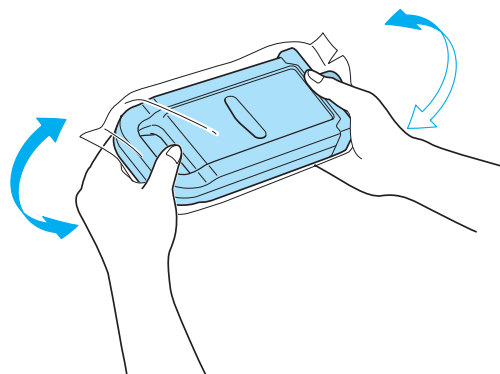
Important

- After Ink Tank replacement, always close the Ink Tank Cover. If the Ink Tank Cover cannot close, some Ink Tank Lock Lever may not be closed completely. Make sure all ink tank lock levers are fully closed.
- To close the Ink Tank Cover when no Ink Tank is installed (as when moving the printer), push the release lever (a) as shown while returning the Ink Tank Lock Lever to the original position.



**Load the Ink Tank (700 ml)**

**1** Before opening the pouch, hold the new Ink Tank with both hands and tilt it to the left and right as shown, shaking gently it seven or eight times.





Caution

- 700 ml ink tanks are heavy, so use your whole arm to agitate it instead of just your wrist. If you agitate it using just your wrist, you may injure your wrist.



Important

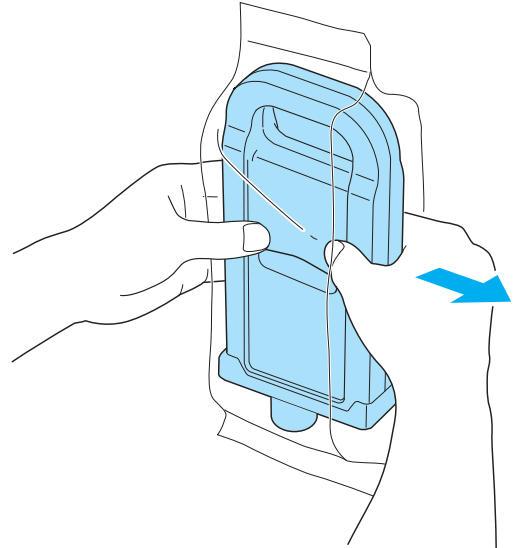
- Do not remove and agitate ink tanks that have already been installed in the printer. Ink may leak out.
- If you do not agitate the Ink Tank, the ink may settle, which may affect printing quality.



Note

- If the Ink Tank is cold, allow it to adjust to room temperature before attaching it to the printer.

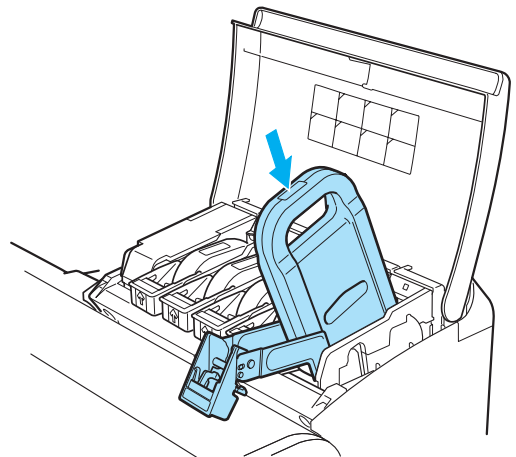
## 2 Open the pouch and remove the Ink Tank.



Important

- Never touch the ink holes or electrical contacts. This may cause stains, damage the Ink Tank, and affect printing quality.

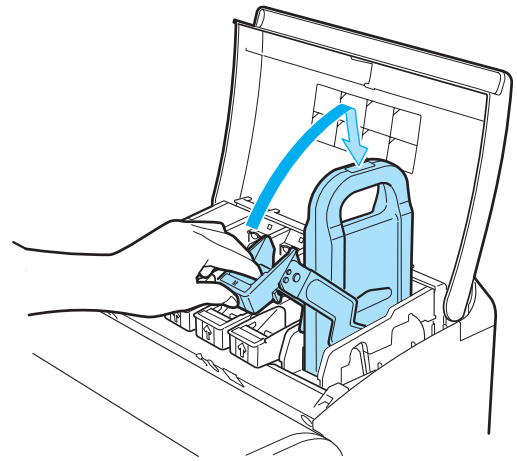
## 3 Press the **OK** button and insert the Ink Tank into the holder facing as shown, with the ink holes down.



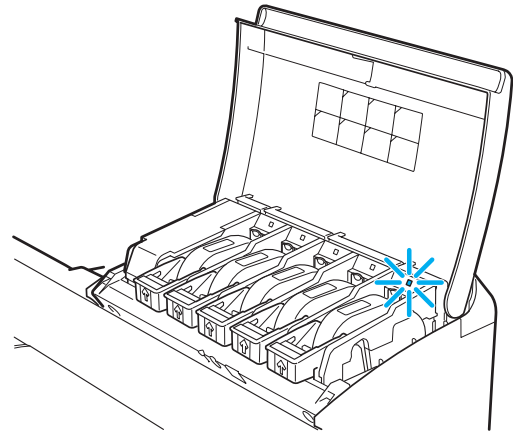
Important

- Ink tanks cannot be loaded in the holder if the color or orientation is incorrect. If the Ink Tank does not fit in the holder, do not force it into the holder. Make sure the color of the Ink Tank Lock Lever matches the color of the Ink Tank, and check the orientation of the Ink Tank before reloading it.

**4** Lift the Ink Tank Lock Lever until it stops, and then push it down until it clicks into place.



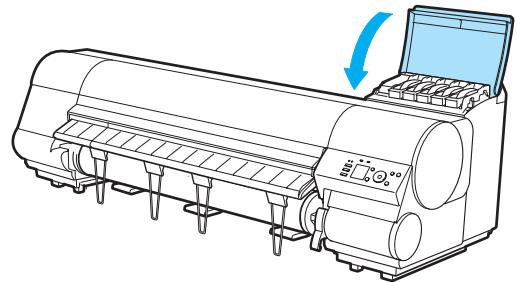
**5** Make sure the Ink Lamp is lit in red.



• If the Ink Lamp is not lit in red, reload the tank.

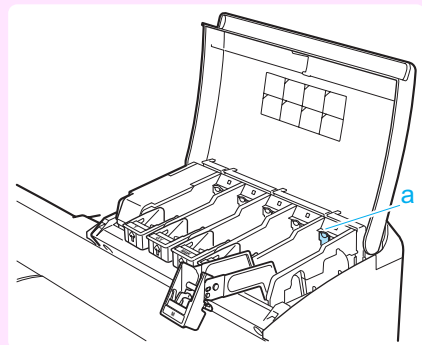
Note

**6** Close the Ink Tank Cover.



Important

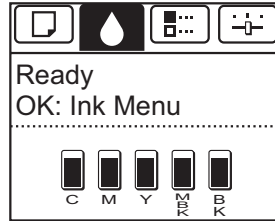
- After Ink Tank replacement, always close the Ink Tank Cover. If the Ink Tank Cover cannot close, some Ink Tank Lock Lever may not be closed completely. Make sure all ink tank lock levers are fully closed.
- To close the Ink Tank Cover when no Ink Tank is installed (as when moving the printer), push the release lever (a) as shown while returning the Ink Tank Lock Lever to the original position.



## Checking Ink Tank Levels

On the Display Screen, you can check how much ink is left in the ink tanks.

To check remaining Ink Tank levels, access the **Tab Selection screen** on the Control Panel and press ◀ or ▶ to select the Ink tab (☾).



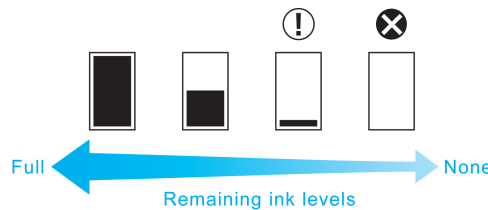
Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.
- If an error has occurred and the **Tab Selection screen** cannot be displayed, display **Ink Info** as follows.
  1. Press the **OK** button to display **Printer Info**.
  2. Press the ▲ or ▼ button to select **Ink Info**.
  3. Press the **OK** button.

The remaining ink levels shown on the Display Screen correspond to the inks identified by the Color Label on the bottom of the Display Screen.

These symbols may be displayed above the ink level: ! if ink is low, × if no ink is left, and ? if you have deactivated ink level detection.

The remaining ink level is indicated as shown below.



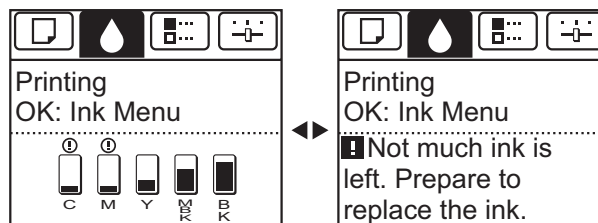
If the Display Screen indicates to replace the Ink Tank, replace the Ink Tank. If a message is displayed indicating to check the remaining ink levels, or after tasks that consume a lot of ink such as large-format printing or head cleaning, check the remaining levels and replace Ink Tank as needed. (See "Replacing Ink Tanks.") →P.566

## When to Replace Ink Tanks

Replace or prepare to replace ink tanks in the following situations.

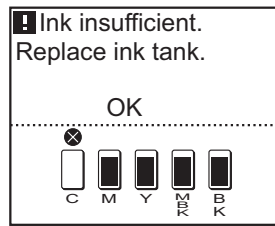
If a message for checking the ink is shown on the Display Screen

When there is little ink left, the **Message Lamp** is lit and "**Not much ink is left.**" is shown on the Display Screen. You can continue to print, but prepare to replace the Ink Tank. (See "Checking Ink Tank Levels.") →P.575



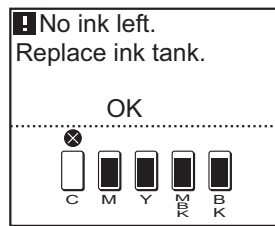
**Before print jobs and maintenance that consume a lot of ink**

If little ink is left, there may not be enough for large-format printing, head cleaning, and maintenance, which require a lot of ink. In this case, replace or prepare to replace the Ink Tank before maintenance.



**If a message for ink replacement is shown on the Display Screen**

When ink runs out, the **Message Lamp** flashes, a message regarding Ink Tank replacement is shown on the Display Screen, and printing is disabled. Replace the Ink Tank at this point.

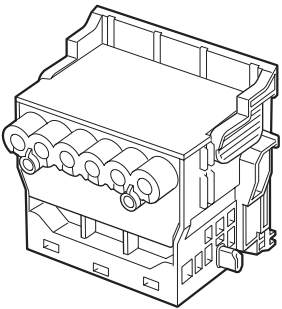


# Printheads

- Printhead ..... 577
- Checking for Nozzle Clogging ..... 577
- Cleaning the Printhead ..... 578
- Replacing the Printhead ..... 579

## Printhead

When purchasing, check the Model number.

Shape	Model number
	PF-04



• For instructions on replacing the Printhead, see "Replacing the Printhead." →P.579

## Checking for Nozzle Clogging

If printing is faint or affected by banding in different colors, make sure the Printhead nozzles are clear by printing a test pattern to check the nozzles.



• By default, nozzles are checked at fixed intervals. Configure the settings on the Control Panel menu in **Nozzle Check**. (See "Menu Settings.") →P.442

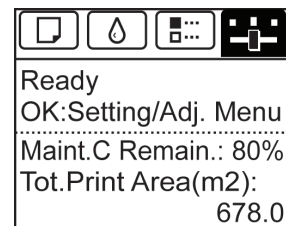
### Paper to Prepare

When Using Rolls	An unused roll at least 254.0 mm (10.00 in) wide
When Using Sheets	One sheet of unused paper of at least A4/Letter size

### 1 Load paper.

- **Attaching the Roll Holder to Rolls** →P.330
- **Loading Rolls in the Printer** →P.333
- **Loading Sheets in the Printer** →P.353

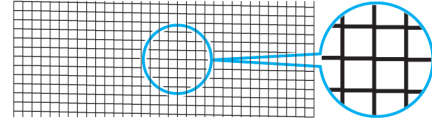
### 2 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab ( ).



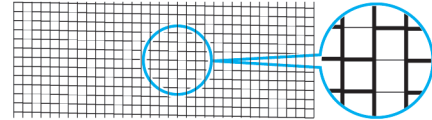
• If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 3** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 4** Press **▲** or **▼** to select **Test Print**, and then press the **OK** button.
- 5** Press **▲** or **▼** to select **Nozzle Check**, and then press the **OK** button.  
The printer now prints a test pattern for checking the nozzles.
- 6** Check the printing results.

If the horizontal lines are not faint or incomplete, the nozzles are clear.



If some sections of the horizontal lines are faint or incomplete, the nozzles for those colors are clogged.



If horizontal lines are faint or incomplete, follow the steps below and check again for nozzle clogging.

- 1.** Clean the Printhead. (See "Cleaning the Printhead.") →P.578
- 2.** Print a test pattern to check the nozzles.



If you repeat these steps several times but the horizontal lines are still faint or incomplete, the Printhead may have reached the end of its useful life. Contact your Canon dealer for assistance.

## Cleaning the Printhead

If printing is faint, cleaning the Printhead may improve results.

Choose one of two Printhead cleaning modes ( **Head Cleaning A** or **Head Cleaning B** ), depending on the problem to resolve.

- **Head Cleaning A**  
Use this mode if printing is faint or contains foreign substances. This method of cleaning consumes the least amount of ink.  
It takes about three minutes to complete.
- **Head Cleaning B**  
Use this mode if no ink is ejected at all, or if **Head Cleaning A** does not solve the problem.  
It takes about three and a half minutes to complete.




- Do not remove the Maintenance Cartridge or ink tanks during either **Head Cleaning A** or **Head Cleaning B**. Ink may leak or an error may occur.
- If printing does not improve even if you execute **Head Cleaning B**, try repeating **Head Cleaning B** once or twice. If this still does not improve printing, the Printhead may have reached the end of its useful life. Contact your Canon dealer for assistance.



- By default, nozzles are checked at fixed intervals. Configure the settings on the Control Panel menu in **Nozzle Check**. (See "Menu Settings.") →P.442

Perform cleaning as follows.

- 1** On the **Tab Selection screen** of the Control Panel, press **◀** or **▶** to select the **Settings/Adj. tab** (  ).







- If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

- 2 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 3 Press **▲** or **▼** to select **Maintenance**, and then press the **OK** button.
- 4 Press **▲** or **▼** to select **Head Cleaning**, and then press the **OK** button.
- 5 Press **▲** or **▼** to select **Head Cleaning A** or **Head Cleaning B**, and then press the **OK** button.  
Head cleaning is now executed.
- 6 Print a test pattern to check the nozzles, and determine whether cleaning has cleared the nozzles. (See "Checking for Nozzle Clogging.") →P.577

## Replacing the Printhead

### When to replace the Printhead

Replace the Printhead in the following situations.

- If the printing quality does not improve even after one or two cycles of **Head Cleaning B** from the printer menu
- If the Display Screen indicates "**Open top cover and replace the printhead.**"
- If your Canon dealer has advised you to replace the Printhead

### Compatible printheads

For information on compatible printheads, see "Printhead." →P.577

### Precautions when handling the Printhead

Take the following precautions when handling the Printhead.



Caution

- For safety, keep the Printhead out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.
- Do not touch the Printhead immediately after printing. The Printhead becomes extremely hot, and there is a risk of burns.



Important

- There may be ink around the nozzles of the Printhead you remove. Handle the Printhead carefully during replacement. The ink may stain clothing.
- Do not open the Printhead pouch until immediately before installation. After removing the Printhead from the pouch, install it right away. If the Printhead is left after the pouch is opened, the nozzles may dry out, which may affect printing quality.

### Access the menu for Printhead replacement



Caution

- When replacing the Printhead immediately after printing, wait a few minutes before replacing it. The metal parts of the Printhead become hot during printing, and there is a risk of burns from touching these parts.




Important

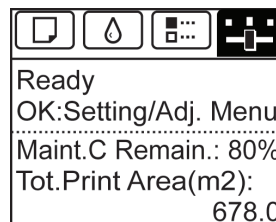
- Your hands may become dirty during Printhead replacement. Use the gloves provided with the new Printhead for replacement.



Note

- Prepare a new Ink Tank when ink levels are low.
- When the remaining capacity of Maintenance cartridge is low, prepare a new Maintenance cartridge.

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** (  ).



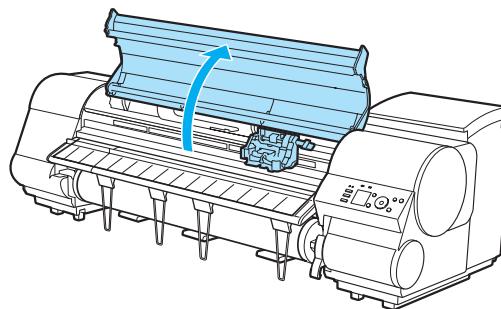
• If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

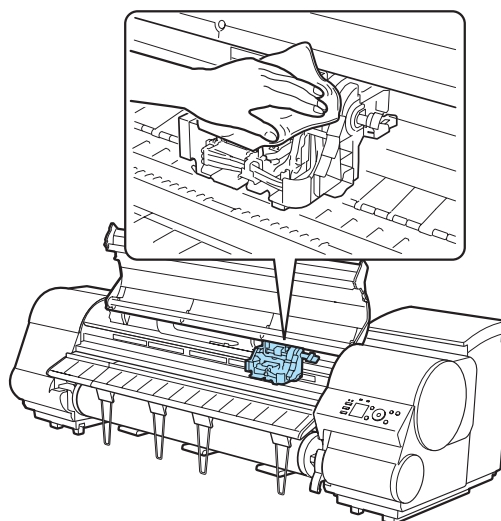
- 2 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 3 Press ▲ or ▼ to select **Maintenance**, and then press the **OK** button.
- 4 Press ▲ or ▼ to select **Replace P.head**, and then press the **OK** button.  
Ink begins being drawn in. When it finishes, instructions are displayed on the Display Screen.  
It takes about two minutes to complete.

### Replace the Printhead

- 1 Open the Top Cover.  
Instructions are now shown on the Display Screen regarding Printhead replacement.



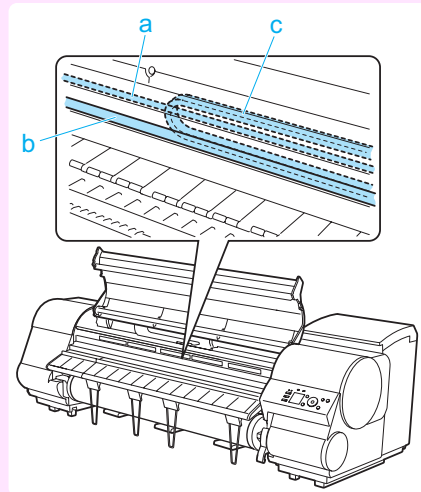
- 2 If the Printhead Fixer Cover or Printhead Fixer Lever is dirty, use a damp cloth that you have wrung out completely to wipe it clean.



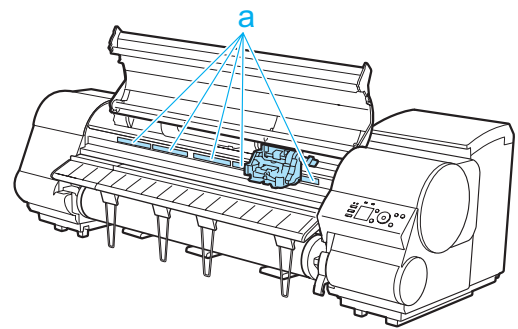


Important

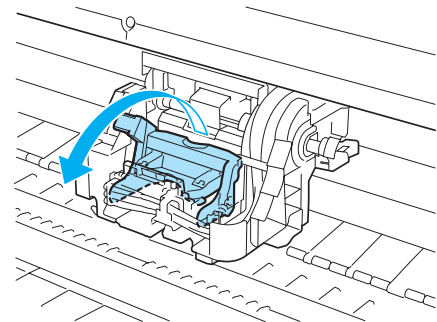
- Do not touch the Linear Scale (a), Carriage Shaft (b), or Ink Tube Stabilizer (c). Touching these parts may damage them.



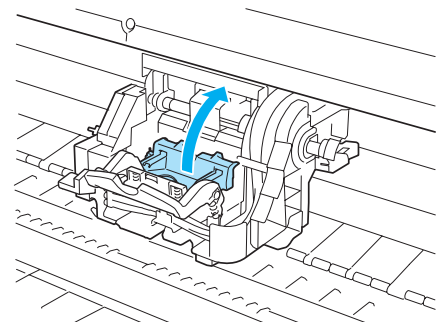
- 3** If the ventilation duct (a) is dirty, use a damp cloth that you have wrung out completely to wipe it clean. Move the Carriage out of the way manually if the Carriage is concealing the ventilation duct, and then clean the duct.



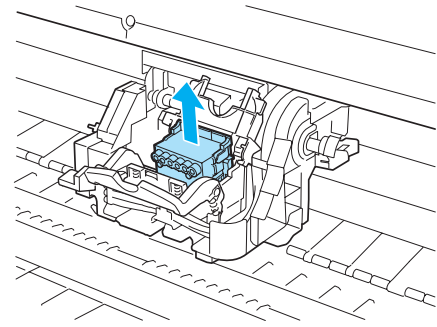
- 4** Pull the Printhead Fixer Lever forward all the way to open it completely.



- 5** Pull up the Printhead Fixer Cover to open it completely.



**6** Remove the Printhead and press the **OK** button.

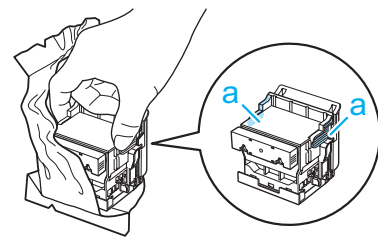


• Never touch the metal contacts of the Carriage. Furthermore, do not allow any dirt or debris to become adhered to the metal contacts of the Carriage. These may damage the printer.

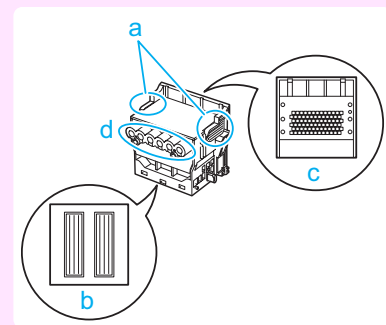


• Dispose of the used Printhead in accordance with local regulations.

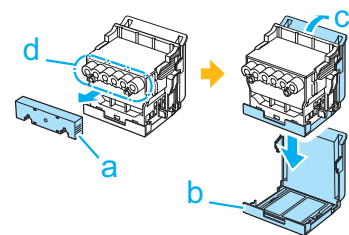
**7** Holding the new Printhead by the grips (a), remove it from the pouch.



• When handling the Printhead, always hold it by the grips (a). Never touch the nozzles (b) or metal contacts (c). This may damage the Printhead and affect printing quality.  
• Never touch the ink supply section (d). This may cause printing problems.



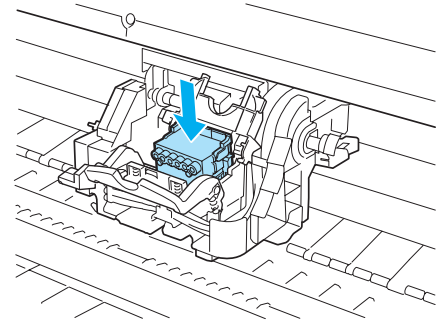
**8** While firmly holding the Printhead you have removed, use your other hand to remove the orange Protective Part (a). Squeeze the grips (c) of Protective Part (b) and pull it down to remove it.



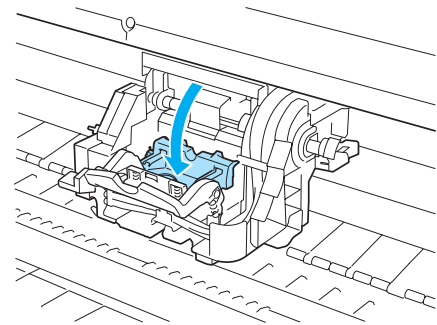


- The inside surface of the Protective Part (a) and Protective Part (b) is coated with ink to protect the nozzles. Be careful not to touch these surfaces when removing the caps.
- The Printhead contains ink to protect the nozzles. We recommend removing Protective Part (b) as you hold it over the Printhead package or safely out of the way to avoid spilling ink and staining your clothes or the surrounding area. If ink accidentally spills, wipe off the ink with a dry cloth.
- If you need to put a Printhead somewhere temporarily before installation, do not keep the nozzles and metal contacts facing down. If the nozzles or metal contacts are damaged, it may affect the printing quality.
- Do not reattach the removed Protective Part. Dispose of these materials in accordance with local regulations.

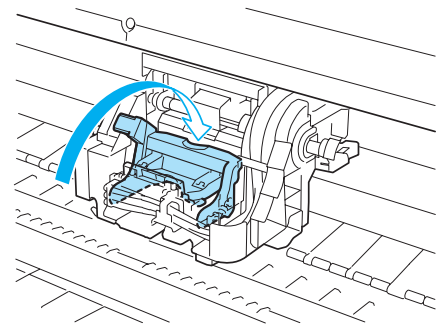
**9** With the nozzles facing down and the metal contacts toward the back, insert the Printhead into the Carriage. Carefully push the printhead firmly into the Carriage, ensuring that the nozzles and metal contacts do not touch the carriage.



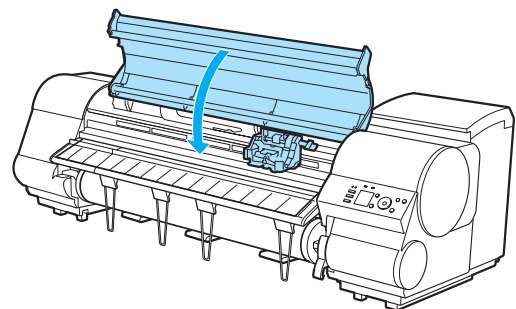
**10** Pull the Printhead Fixer Cover down toward the front to lock the Printhead in place.



**11** Push the Printhead Fixer Lever toward the back of the printer until it clicks.



**12** Close the Top Cover. Ink now fills the system. It takes about six minutes to complete.



**Important**

- While ink is being filled, definitely do not remove the Ink Tank or Maintenance Cartridge. Ink may leak out.

**Note**

- The procedure is now finished if you have set **Rep.P.head Print** to **Off** in the Control Panel menu. In this case, execute **Initial adjustmt** in **Head Posi. Adj.** in the Control Panel menu. (See "Adjustment When Installing the Printhead.") →P.553

**13**

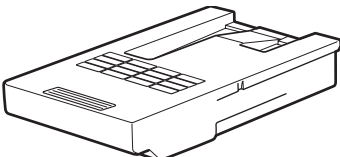
Feed paper by following the instructions on the Display Screen.  
After the paper has advanced, **Initial adjustmt** in **Head Posi. Adj.** is executed automatically.

## Maintenance Cartridge

Maintenance Cartridge .....	585
Replacing the Maintenance Cartridge .....	585
Checking the Remaining Maintenance Cartridge Capacity .....	589
When to Replace the Maintenance Cartridge .....	590

### Maintenance Cartridge

When purchasing, check the Model number.

Shape	Model number
	MC-10



Note

- For instructions on replacing the Maintenance Cartridge, see "Replacing the Maintenance Cartridge." →P.585
- The MC-09 can also be used.  
However, the Shaft Cleaner included with the MC-09 cannot be used with this printer.

### Replacing the Maintenance Cartridge

#### Compatible maintenance cartridges

For information on compatible maintenance cartridges, see "Maintenance Cartridge." →P.585

#### Precautions when handling the Maintenance Cartridge

Take the following precautions when handling the Maintenance Cartridge.



Caution

- For safety, keep the Maintenance Cartridge out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.

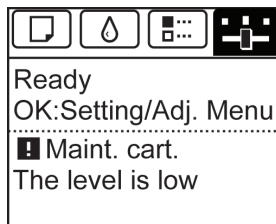


Important

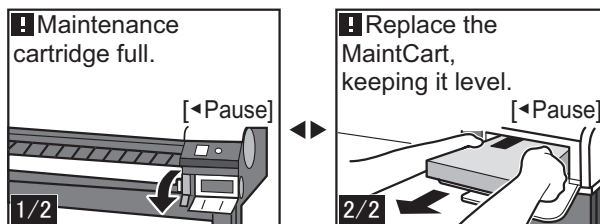
- Do not remove the Maintenance Cartridge except to replace it. Ink may leak out.
- Do not remove an Maintenance Cartridge during initialization immediately after turning on the printer, during Printhead cleaning, while ink is being drawn out, or during initialization immediately after replacing the Maintenance Cartridge.  
The Maintenance Cartridge may become damaged or ink may leak out.
- To prevent ink from leaking from a used Maintenance Cartridge, avoid dropping the cartridge or storing it at an angle. Otherwise, ink may leak and cause stains.
- Ink adheres to the top of the Maintenance Cartridge after it has been used. Handle the Maintenance Cartridge carefully during replacement. The ink may stain clothing.

**Confirm the message**


When the Maintenance Cartridge is almost empty, a message is shown on the Display Screen. According to the message, replace the Maintenance Cartridge or prepare a new Maintenance Cartridge. (See "When to Replace the Maintenance Cartridge.") →P.590

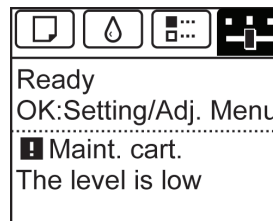


If a message is displayed requesting Maintenance Cartridge replacement, you can skip the step **Access the menu for Maintenance Cartridge replacement**. Follow the instructions in **Replace the Maintenance Cartridge**.



**Access the menu for Maintenance Cartridge replacement**

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the **Settings/Adj. tab** (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

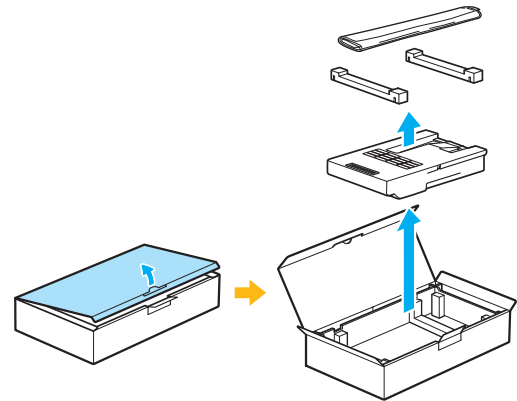
Note

- 2 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 3 Press ▲ or ▼ to select **Maintenance**, and then press the **OK** button.
- 4 Press ▲ or ▼ to select **Repl. maint cart**, and then press the **OK** button.  
Instructions are displayed on the Display Screen.

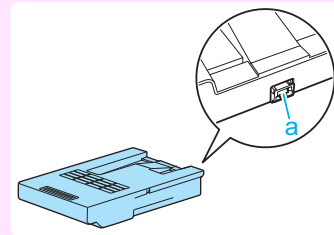


### Replace the Maintenance Cartridge

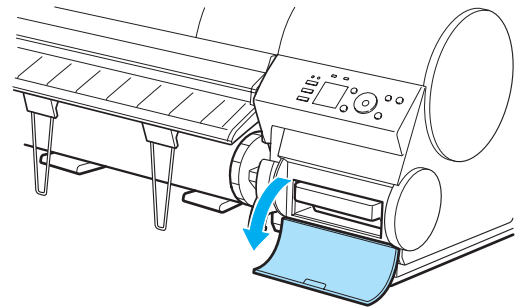
**1** Open the box, remove the plastic bag and packaging material, and take out the Maintenance Cartridge.



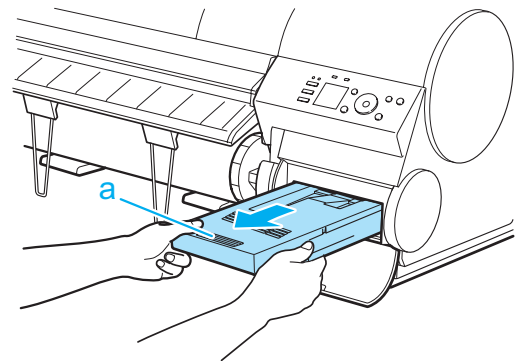
• Never touch the metal contacts (a). This may damage the Maintenance Cartridge.



**2** At this point, open the Maintenance Cartridge Cover.

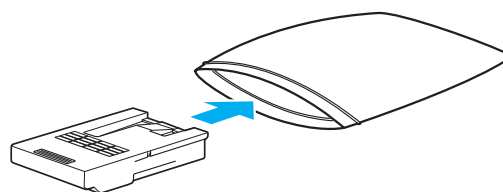


**3** Hold the used Maintenance Cartridge by the grip (a) with one hand and put your other hand under the Maintenance Cartridge to hold it firmly on the bottom, keeping it level as you pull it out.

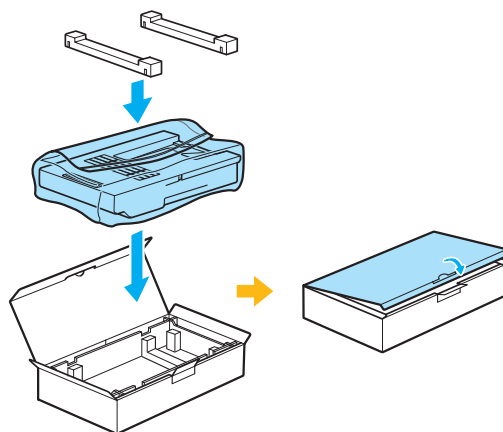


- Used maintenance cartridges are heavy. Always grasp the cartridge firmly and keep the cartridge level during removal and storage. If you drop a used Maintenance Cartridge or store it at an angle, ink may leak and cause stains.
- The remaining Maintenance Cartridge capacity is recorded on each printer. Do not install a used Maintenance Cartridge in another printer.

- 4** Keep the used Maintenance Cartridge level as you put it in the plastic bag. Expel excess air from the plastic bag and seal the zipper.



- 5** Confirm the Maintenance Cartridge is right-side up, put it in the box with the packaging material attached, and store it so that it stays level.

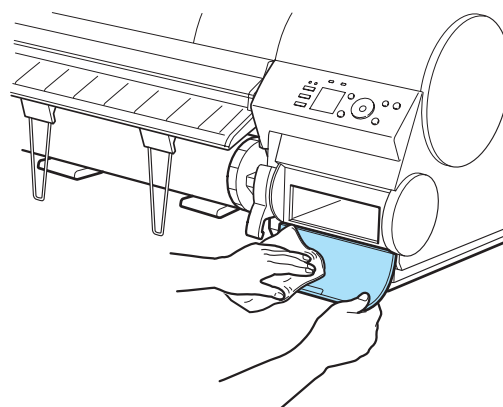


- Always put the used Maintenance Cartridge back in the box and store the box on a flat surface. Also, seal the zipper thoroughly. Otherwise, ink may leak and cause stains.



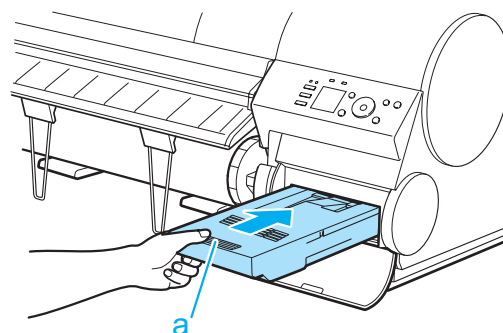
- Put the used Maintenance Cartridge in the plastic bag of the new cartridge, and dispose of it in accordance with local regulations.

- 6** Wipe away any soiling on the Maintenance Cartridge Cover.



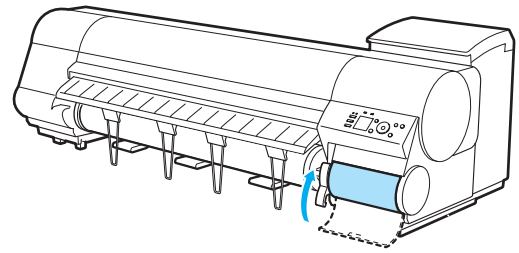
- Support the Maintenance Cartridge Cover from underneath as you wipe it.

- 7** Keeping the new Maintenance Cartridge level, insert it all the way in. The printer now initializes the Maintenance Cartridge.



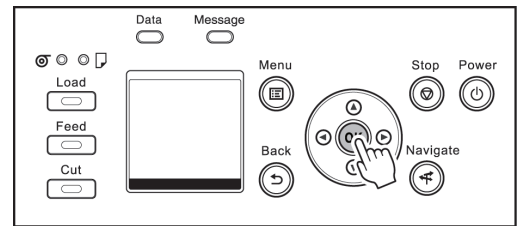
- Do not remove the Maintenance Cartridge during initialization immediately after replacing the Maintenance Cartridge. The Maintenance Cartridge may become damaged.

**8** Close the Maintenance Cartridge Cover.



**Note** • If you did not perform the operation in **Access the menu for Maintenance Cartridge replacement**, this is the end of the procedure and you do not need to press the **OK** key in the next step.

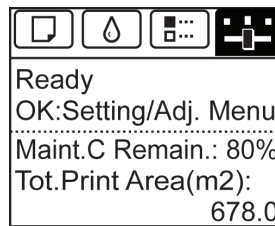
**9** Press the **OK** button.



**Checking the Remaining Maintenance Cartridge Capacity**

The Maintenance Cartridge absorbs excess ink from borderless printing, printhead cleaning, and other processes. You can confirm the remaining capacity of the Maintenance Cartridge by checking the Maintenance Cartridge capacity shown on the Display Screen.

To check remaining Maintenance Cartridge capacity, access the **Tab Selection screen** on the Control Panel and press ◀ or ▶ to select the Settings/Adj. tab (⏏).



**Note** • If the **Tab Selection screen** is not displayed, press the **Menu** button.

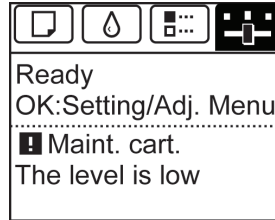
If the Display Screen indicates to replace the Maintenance Cartridge, replace the Maintenance Cartridge. If a message is displayed indicating to check the remaining capacity of the Maintenance Cartridge, or before tasks that deplete much of the capacity such as head cleaning or preparations to move the printer, check the remaining Maintenance Cartridge capacity and prepare a new Maintenance Cartridge as needed. (See "Replacing the Maintenance Cartridge.") →P.585

## When to Replace the Maintenance Cartridge

Replace or prepare to replace the Maintenance Cartridge in the following situations.

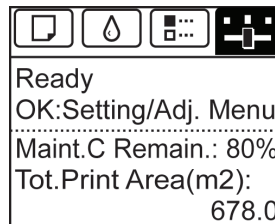
### If a message for checking the Maintenance Cartridge is shown on the Display Screen

When the Maintenance Cartridge is almost full, the **Message Lamp** is lit and "The level is low" is shown on the Display Screen. You can continue to print, but check the remaining Maintenance Cartridge capacity and prepare to replace the Maintenance Cartridge with a new one. (See "Checking the Remaining Maintenance Cartridge Capacity.") → P.589



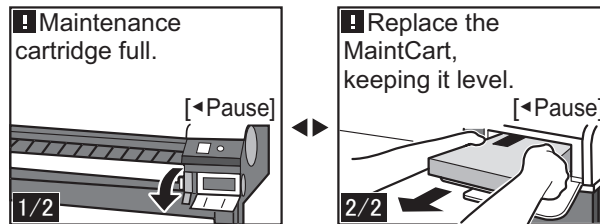
### When much of the Maintenance Cartridge capacity is depleted

Printhead cleaning, Printhead replacement, and preparations to transfer the printer deplete much of the Maintenance Cartridge capacity. (In particular, preparing to move the printer depletes a lot of the capacity.) Check the remaining Maintenance Cartridge capacity before this maintenance and replace the Maintenance Cartridge if necessary.



### If a message for the Maintenance Cartridge replacement is shown on the Display Screen

When the Maintenance Cartridge is full, the **Message Lamp** flashes and a message to replace the Maintenance Cartridge is shown on the Display Screen. Printing is disabled, and you cannot replace the Printhead or transfer the printer. Replace the Maintenance Cartridge with a new one.



# Cleaning the Printer

Cleaning the Printer Exterior .....	591
Cleaning Inside the Top Cover .....	591
Cleaning the Printhead .....	578

## Cleaning the Printer Exterior

Clean the printer regularly to maintain better printing quality and help prevent problems. To ensure a comfortable working environment, clean the printer exterior about once a month.

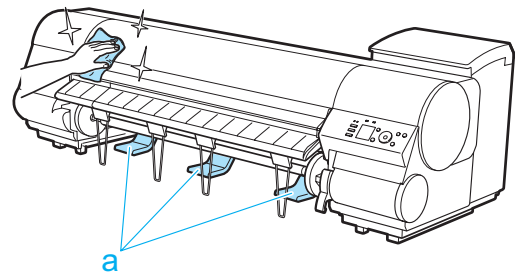
**1** Turn the printer off. (See "Turning the Printer On and Off.") →P.17

**2** Unplug the power cord from the outlet.



• Always turn off the printer and unplug the power cord before cleaning or maintenance. Accidentally leaving the printer on poses a risk of injury if you touch moving parts inside the printer.

**3** Using a damp cloth that you have wrung out completely, wipe away any dirt or paper dust from the Paper Feed Slot (a), power cord plug, and so on. Dry these parts with a dry cloth.



• Never use flammable solvents such as alcohol, benzene, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.



• If the Ejection Guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the Ejection Guide even if it does not appear dirty, because it may actually be covered with paper dust. (See "Cleaning Inside the Top Cover.") →P.591

**4** Plug the power cord into the outlet.

## Cleaning Inside the Top Cover

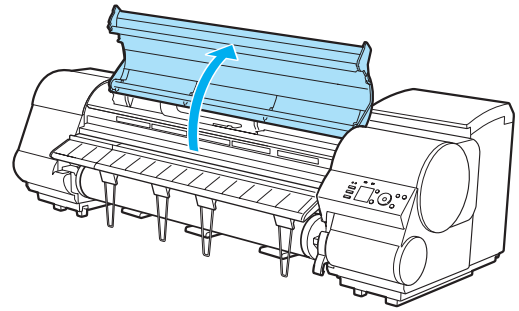
Clean inside the Top Cover about once a month to maintain better printing quality and help prevent problems. Also clean inside the Top Cover in the following situations to ensure optimal operation.

- If the printed surface or the underside of paper is dirty after printing
- After you have used up a roll
- After borderless printing
- After printing on small paper
- After printing on paper that generates a lot of cutting debris
- If you have replaced the roll
- After printing on paper that generates a lot of paper dust
- If the message "**Blue platen switch is dirty.**" is displayed

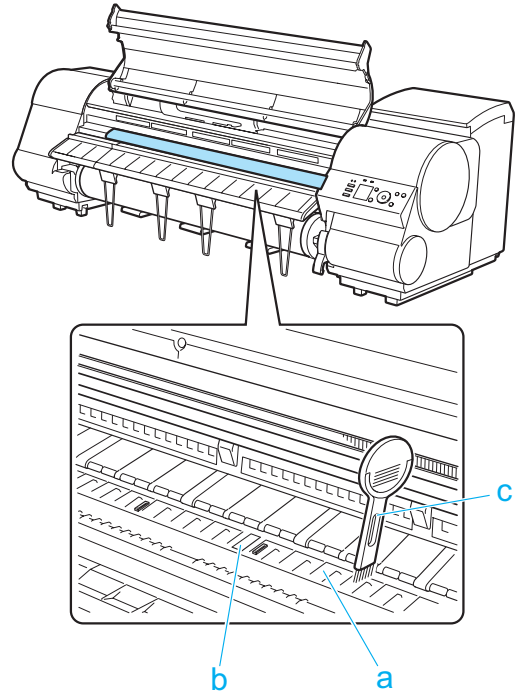


- If the Platen inside the Top Cover becomes dirty, it may soil the underside of paper. We recommend cleaning the Platen after borderless printing or printing on small paper.
- If the Ejection Guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the Ejection Guide even if it does not appear dirty, because it may actually be covered with paper dust.

**1** Open the Top Cover.

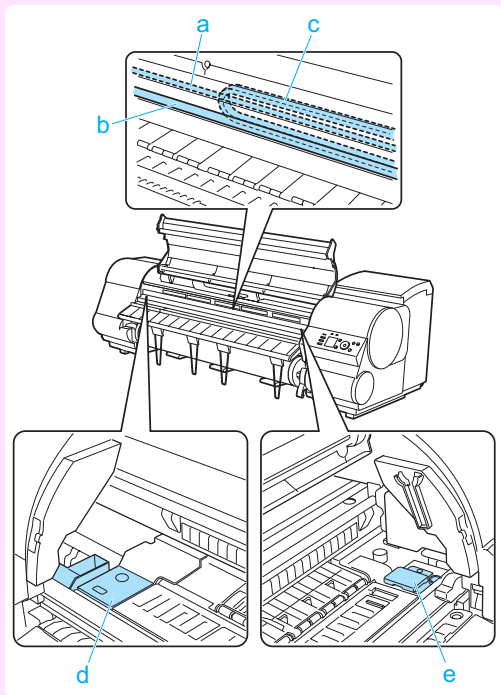


**2** If paper dust has accumulated in the Vacuum holes (a) on the Platen or in the Borderless Printing Ink Grooves (b), use the Cleaning Brush (c) provided with the printer to wipe it away.



**Important**

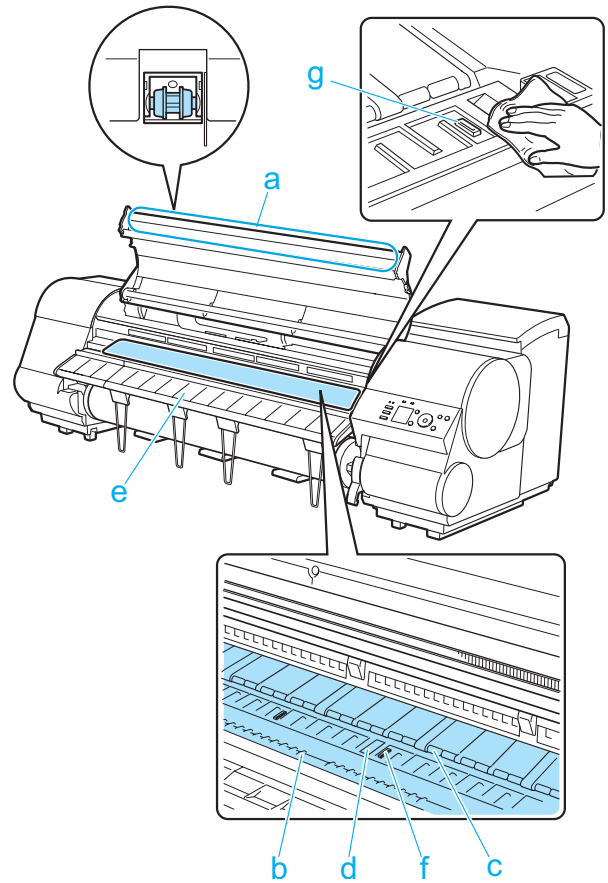
- Do not touch the Linear Scale (a), Carriage Shaft (b), or Ink Tube Stabilizer (c). Touching these parts may damage them. Avoid cleaning where the Carriage is retracted, in position (d) or (e).



**Note**

- If the Cleaning Brush is dirty, rinse it in water.

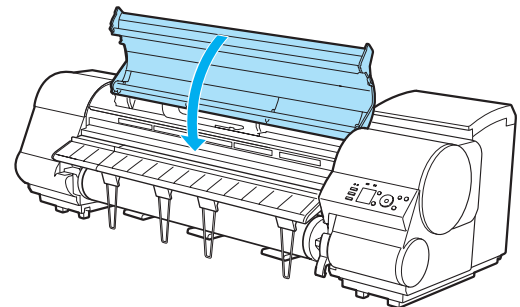
**3** Using a damp cloth that you have wrung out completely, wipe away dirt or paper dust (debris from cutting) inside the Top Cover. Wipe away any ink residue and paper dust (debris from cutting) on the Top Cover Roller (a), all over the Platen (b), the Paper Retainer (c), the Borderless Printing Ink Grooves (d), the Ejection Guide (e), the blue Switch (f), the section around the right-side Borderless Printing Ink Grooves (g), and so on.



**Warning** • Never use flammable solvents such as alcohol, benzene, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

**Important** • Do not use a dry cloth to wipe inside the Top Cover. This may create a static charge, which may attract dust and affect the printing quality.  
 • Do not touch the clear sheet on the side of the Top Cover Roller. This may damage the roller.

**4** Close the Top Cover.





## Other Maintenance

Preparing to Transfer the Printer ..... 594  
 Reinstalling the Printer ..... 599  
 Updating the Firmware ..... 603

### Preparing to Transfer the Printer

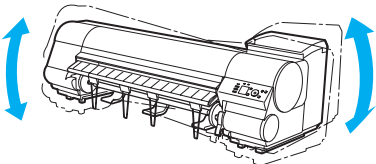
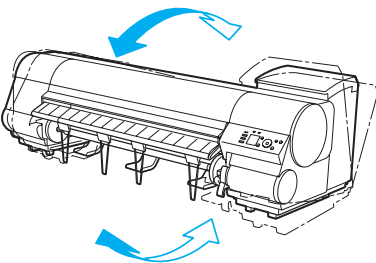
To protect the internal parts in transit, always follow these steps before transferring the printer to a new location. Refer to the Setup Guide for details on packing the printer and installing it after transfer.



- Be sure to contact your Canon dealer before transferring the printer to a new location. Ink may leak and damage the printer if you do not prepare the printer correctly and it is tipped or stood on end in transit.



- Depending on the state of the printer, part replacement may be necessary when preparing to transfer the printer (that is, when you execute the printer menu item to prepare for transfer).
- Ink must be drawn into the Maintenance Cartridge before Level 2 or Level 3 printer transfer, as described in the following table. Prepare the Maintenance Cartridge in advance.
- Always follow the instructions of the service representative when transferring the printer under Level 3 conditions.

Level	Transport and Storage In Low Temperature Environments	Permitted Angle of Inclination	Amount of Ink to Dispose of	Required Maintenance Cartridges(*1)	Usage Examples
1	No	Lengthwise: 0–30°  Rotation: 0–10° 		0(*2)	Moving Within a Room and Storage In Room Temperature Environments
2	Yes	All directions: 0–30°	Approx. 700 ml (20.3 fl oz)	1 or 2	Transport By Vehicle
3	Yes	Lengthwise: 0–90° Rotation: 0–30°	Approx. 700 ml (20.3 fl oz)	1 or 2	Move by temporarily standing vertically

\*1: This is the number of new Maintenance Cartridges required when you execute the **Prep.MovePrinter** menu. The number varies depending on the amount remaining in the Maintenance Cartridge being used.

\*2: If a message instructing you to replace the Maintenance Cartridge is displayed on the Display Screen, the Maintenance Cartridge needs to be replaced.

#### Remove paper


- 1 Remove the paper.

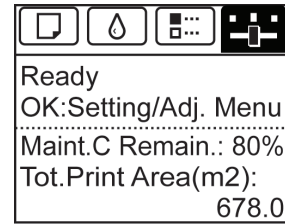
- Rolls (See "Removing the Roll from the Printer.") → P.338
- Sheets (See "Removing Sheets.") → P.357



Access the **Prep.MovePrinter** menu

**1** If a message instructing you to replace the Maintenance Cartridge is displayed on the Display Screen, replace the Maintenance Cartridge.  
(See "Replacing the Maintenance Cartridge.") →P.585

**2** On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

Note

**3** Press the **OK** button.  
The **Set./Adj. Menu** is displayed.

**4** Press ▲ or ▼ to select **Prep.MovePrinter**, and then press the **OK** button.

**5** Press ▲ or ▼ to select the level of transfer, and then press the **OK** button.  
Displays the confirmation screen.

**6** Press ▲ or ▼ to select **Execute**, and then press the **OK** button.  
The printer is now prepared for transfer.

• **Level 1**

Once preparations are finished, a message on the Display Screen requests you to turn off the printer. Turn off and pack the printer. There is no need to remove the ink tanks.  
(See "Pack the printer.") →P.597

• **Level 2 and Level 3**

When the preparation is finished, instructions are displayed on the Display Screen. Remove the ink tanks before packing the printer.  
(See "Removing Ink Tanks.") →P.595

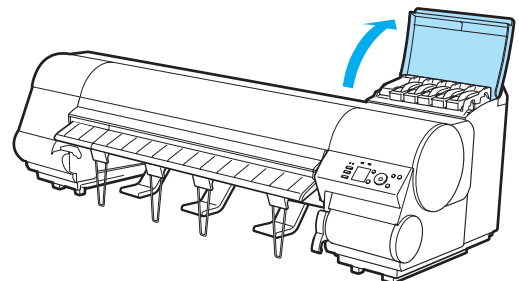


Important

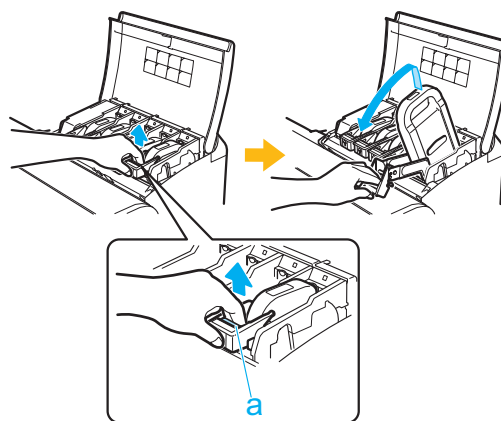
• If consumables must be replaced, the message "**Consumables must be replaced. Call for service.**" is shown on the Display Screen and preparation is not possible. If this message is displayed, press the **OK** button and contact your Canon dealer for assistance.

Removing Ink Tanks

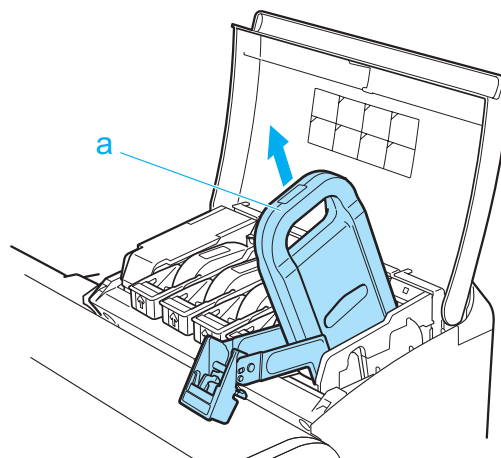
**1** Open the Ink Tank Cover.



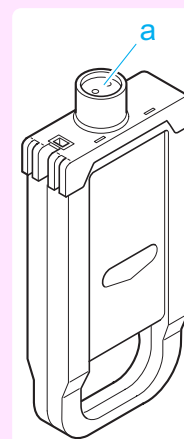
- 2** Lift the stopper (a) of the Ink Tank Lock Lever (a). Lift the Ink Tank Lock Lever until it stops, and then push it down to the front.



- 3** Hold the Ink Tank by the handle (a) and remove it.

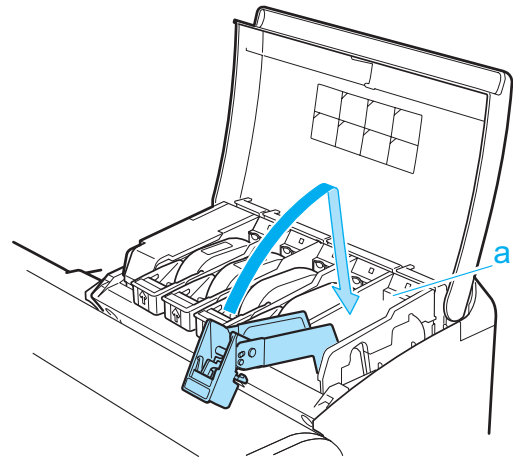


- Store the Ink Tank you removed in the box with the ink holes (a) facing up. Otherwise, ink may leak and cause stains.

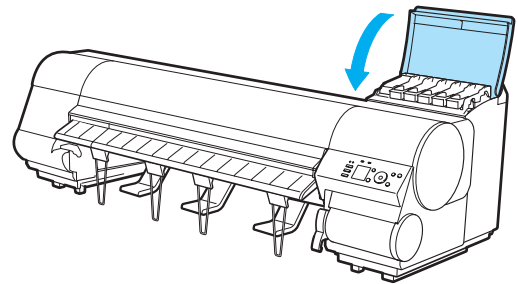


- 4** Repeat steps 2 and 3 to remove all ink tanks.

- 5** Push down the release lever (a) as shown as you gently return all ink tank lock levers to the original position.



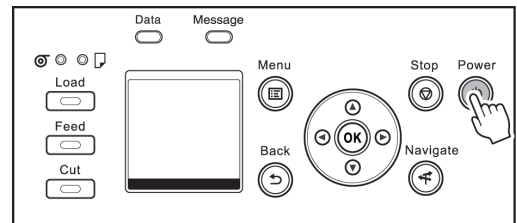
- 6** Close the Ink Tank Cover. At this point, ink is drawn out from inside the tubes.



• Do not remove the Maintenance Cartridge except when the message for replacing it is displayed. If you remove the Maintenance Cartridge while ink is being drawn out, the ink may leak out.

- 7** When the process is finished, "**Preparations for moving the printer finished. Turn the power off**" is displayed. When this happens, replace the Maintenance Cartridge currently being used with a new Maintenance Cartridge.

- 8** Press the **Power** button and turn off the printer.



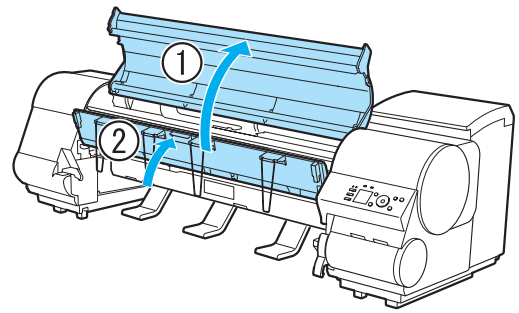
**Pack the printer**

- 1** Disconnect the power cord and interface cable, as well as the Media Take-up Unit cable.

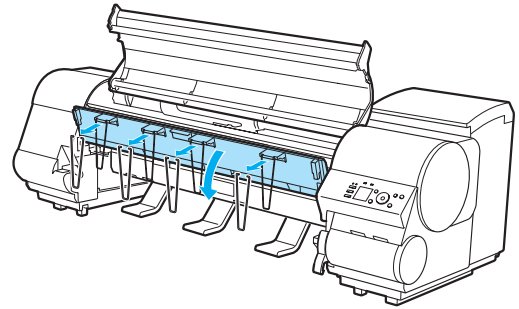


• Turn off the printer before you unplug it. It may damage the printer if you unplug it before it is off and transfer it in that state. If you accidentally unplug the printer, plug it in again, reinstall the ink tanks, and follow this procedure again.

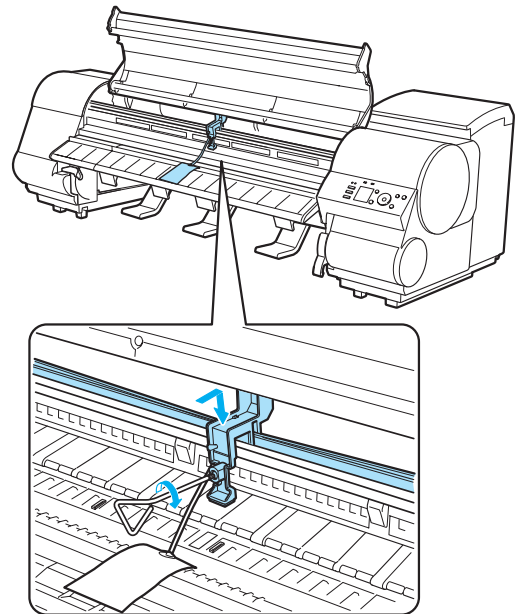
**2** Open the Top Cover and lift the Ejection Guide.



**3** Remove the four ejection supports and lower the Ejection Guide.



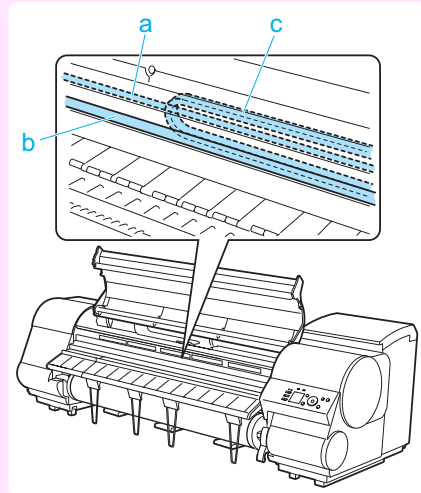
**4** Grasp the Belt, insert it between the Belt Stopper, and affix the Belt Stopper with a hex screw at the position indicated.



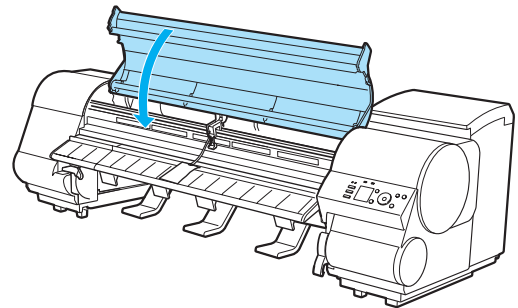


Important

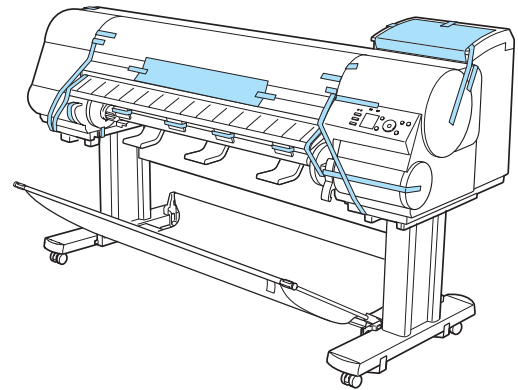
- Here, the Belt Stopper is the one that was removed and stored after initial installation. Neglecting to attach the Belt Stopper may damage the printer.
- Do not touch the Linear Scale (a), Carriage Shaft (b), or Ink Tube Stabilizer (c). Touching these parts may damage them.



- 5** Close the Top Cover.



- 6** Tape down printer covers to secure them, in the reverse order of tape removal during installation.



- 7** Remove and package the Output Stacker by reversing the installation procedure.

- 8** Remove and package the Stand by reversing the installation procedure, when it was attached to the printer.

- 9** Disassemble and repackage the Stand by following the installation procedure in reverse.

- 10** Repack the Roll Holder, Holder Stopper, and printer in shipping materials, and then package them in a shipping box.

## Reinstalling the Printer

The basic workflow for reinstalling the printer is as follows.  
For detailed instructions, see the Setup Guide.

### Assemble the stand

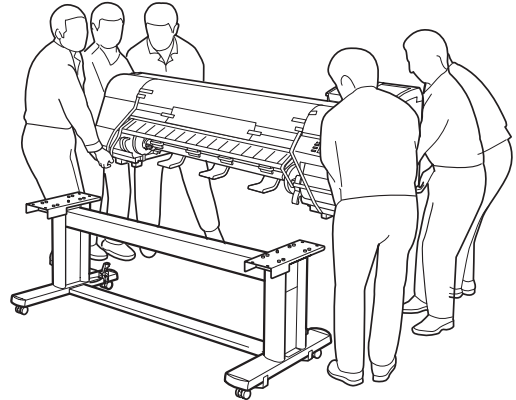
**1** Referring to the Printer Stand Setup Guide, assemble the Stand.



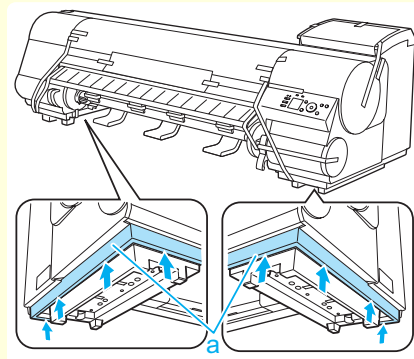
- The Stand must be assembled by at least two people on a flat surface. Attempting assembly by yourself poses a risk of injury or bending the Stand.
- When assembling the Stand, lock the casters. In addition, always unlock the casters before moving the assembled Stand. Attempting to move the stand when the casters are locked poses a risk of injury or damage to the location site.

### Install the printer

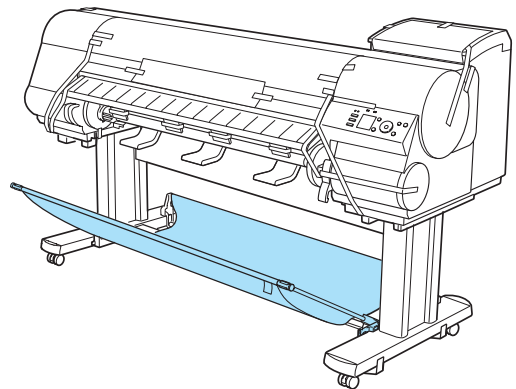
**1** Mount the printer on the assembled Stand and tighten the screws firmly.



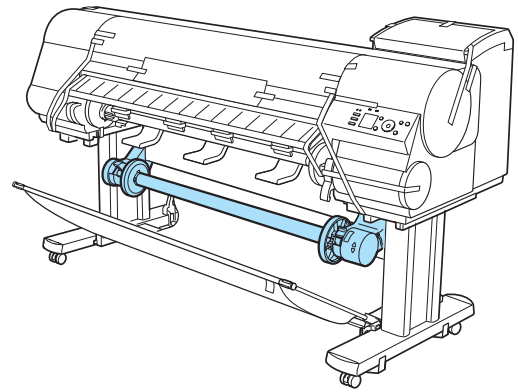
- Moving the printer requires at least six people, holding it on both sides. Be careful to avoid back strain and other injuries.
- When moving the printer, firmly grasp the Carrying Handles (a) under each side. The printer may be unsteady if you hold it at other positions, which poses a risk of injury from dropping the printer.



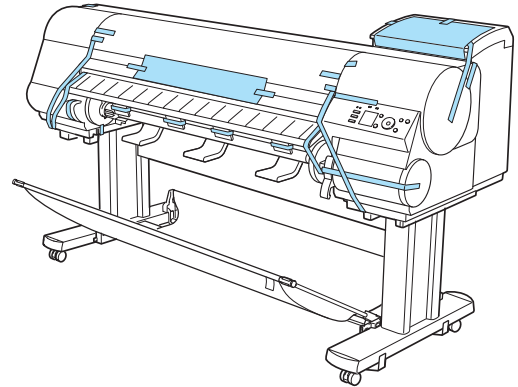
**2** Attach the Stationary Output Stacker to the Stand by referring to Printer Stand Setup Guide.



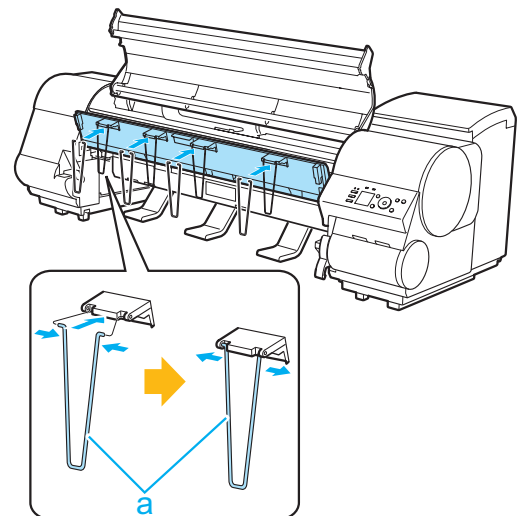
- 3** If you are using the optional Media Take-up Unit, attach the Media Take-up Unit to the Stand by referring to the Setup Guide included with the Media Take-up Unit.



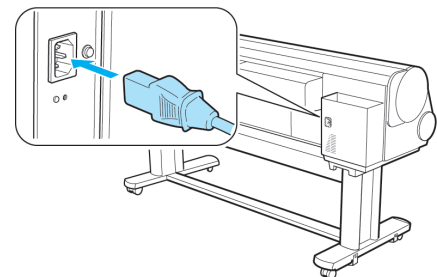
- 4** Remove tape and packaging material attached to the printer. Also open the Top Cover and remove stoppers and spacers inside the printer.



- 5** Lift the Ejection Guide and attach the four Ejection Supports to the back of the Ejection Guide.

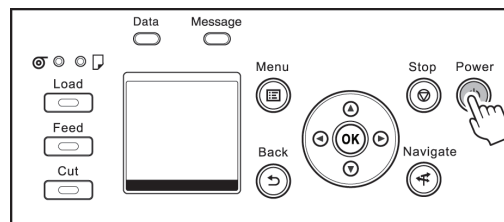


- 6** Connect the power cord to the Power Supply Connector on the back of the printer.

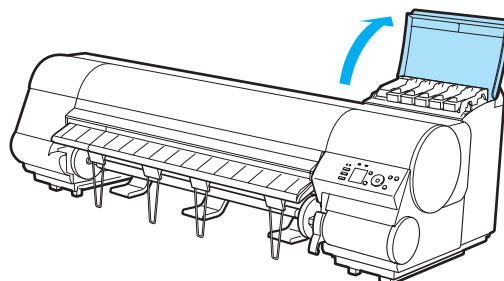


- 7** Plug the power cord into the outlet.

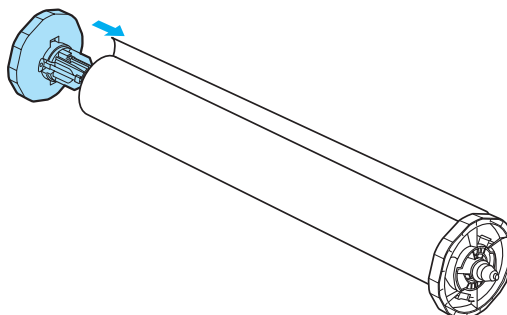
- 8** Press the power button to turn the printer on. When the message **"Has printer been reinstalled? (Do not load ink tanks yet.)"** is displayed, select **Yes** and press the **OK** button.



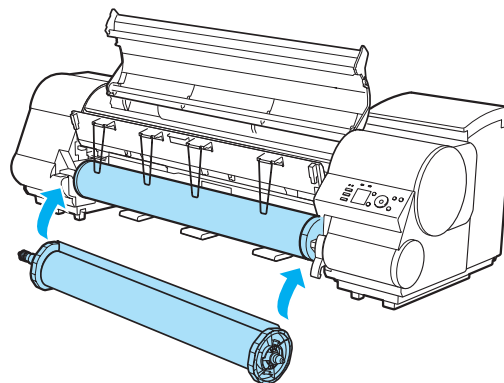
- 9** Open the Ink Tank Cover and install the ink tanks.



- 10** Attach the Roll Holder to the Roll Media. (See "Attaching the Roll Holder to Rolls.") → P.330



- 11** Load the Roll Media in the printer. (See "Loading Rolls in the Printer.") → P.333




- 12** Install the software. Note that the driver installation procedure varies depending on the type of connection.

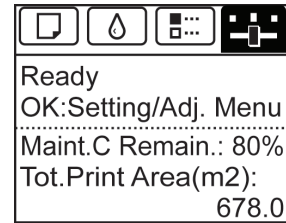


## Updating the Firmware

Update the printer firmware to take advantage of new and improved printer functions.

### Confirming the firmware version

- 1 On the **Tab Selection screen** of the Control Panel, press ◀ or ▶ to select the Settings/Adj. tab (  ).



Note

- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.  
The **Set./Adj. Menu** is displayed.
- 3 Press ▲ or ▼ to select **Printer Info**, and then press the **OK** button.
- 4 Press ▲ or ▼ to select **System Info**, and then press the **OK** button.  
The firmware version is displayed.

### Updating the Firmware

To obtain the latest firmware, visit the Canon website. If the firmware available online is newer than the installed firmware, update the printer firmware. For details on downloading and updating the firmware, visit the Canon website.

# Memo

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565

## Troubleshooting

Frequently Asked Questions .....	606
Problems Regarding Paper .....	607
Printing does not start .....	616
The printer stops during a print job .....	618
Problems with the printing quality .....	619
Cannot print over a network .....	628
Installation problems .....	629
HP-GL/2 problems .....	630
Other problems .....	632

Error Message	637
Specifications	659
Appendix	663

# Frequently Asked Questions

## Frequently Asked Questions

This section presents frequently asked questions and answers. To view more detailed explanations, click the hyperlinks in the answer column.

Question	Answer
I want to easily create vertical or horizontal banners.	You can print originals that are in landscape (or portrait) orientation automatically enlarged to fit the roll width. This is an easy way to create vertical or horizontal banners. (See "Printing Vertical or Horizontal Banners (Large-Format Printing).") →P.89
Does this printer support sub-ink tank system?	This printer supports sub-ink tank system. Even if an ink tank becomes empty during printing, since a certain amount of ink always is stored in a sub-ink tank, you can replace the ink tank while printing. (See "Replacing Ink Tanks.") →P.566
I want to know how to configure roll cutting.	You can select the cutting method by the setting of the printer driver and the setting of the printer. To cut rolls automatically after printing, set <b>Cutting Mode</b> of the printer to <b>Automatic</b> and <b>Automatic Cutting</b> of the printer driver to <b>Yes</b> . When using paper for which ink adhesion takes time or the print surface is easily scratched, we recommend that you set the <b>Cutting Mode</b> setting of the printer to <b>Eject</b> . (See "Specifying the Cutting Method for Rolls.") →P.344 (See "Cutting Roll Paper After Printing.") →P.140
I want to configure so that the roll is cut automatically after waiting for the ink to dry.	In the printer driver, you can set the time for waiting until the ink dries. Also, you can set likewise on the printer. (See "Specifying the Ink Drying Time for Rolls.") →P.342 (See "Menu Structure.") →P.435
How do I print without borders?	When printing on rolls, you can perform borderless printing by configuring the printer driver. (when printing on cut sheets, you cannot perform borderless printing) (See "Borderless Printing on Paper of Equivalent Size.") →P.80 (See "Borderless Printing by Resizing Originals to Fit the Roll Width.") →P.83 (See "Borderless Printing at Actual Size.") →P.75
I want to know the paper types that can be used in this printer.	Concerning the paper that can be used in this printer, refer to the Canon website or the <b>Paper Reference Guide</b> . (See "Displaying the Paper Reference Guide.") →P.323
The paper type that I want to print is not displayed on the Display Screen.	In order to use newly released paper, you need to register the media information in the printer and printer driver. Use the Media Configuration Tool to register the new media information. (See "Adding Media Types (Windows).") →P.383 (See "Adding Media Types (Mac OS).") →P.406
Can I perform duplex printing?	This printer cannot perform duplex printing. If you use the <b>Folded Duplex</b> function in the Free Layout of Windows software, you can print two pages one-sided, fold them at the center and suspend them to substitute for duplex printing. (See "Prints using Folded Duplex (Windows).") →P.207
I want to perform enlargement printing.	With the printer driver, you can specify the ratio matching the document with the paper size and width and perform enlargement printing or reduction printing. (See "Resizing Originals to Match the Paper Size.") →P.60 (See "Resizing Originals to Fit the Roll Width.") →P.62 (See "Resizing Originals by Entering a Scaling Value.") →P.66

# Problems Regarding Paper

- Clearing Jammed Roll Paper ..... 607
- Clearing a Jammed Sheet ..... 610
- Troubleshooting When Paper Jams are not Found ..... 612
- Roll paper cannot be inserted into the Paper Feed Slot ..... 614
- Cannot load sheets ..... 614
- Paper is not cut neatly ..... 614
- Paper is not cut ..... 614
- The Media Take-up Unit Continues Rotating ..... 614
- The size of clear film cannot be detected ..... 615

## Clearing Jammed Roll Paper

If roll paper jams, follow the steps below to remove jams.

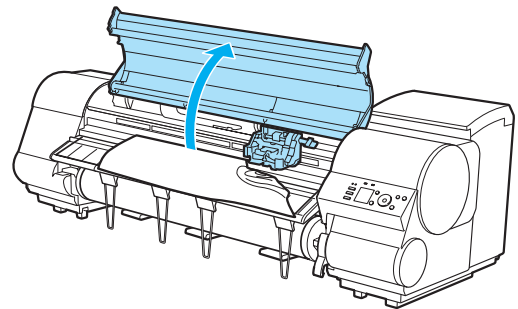


• If you do not find any scraps or jams, see "Troubleshooting When Paper Jams are not Found." →P.612

Note

**1** Turn the printer off. (See "Turning the Printer On and Off.") →P.17

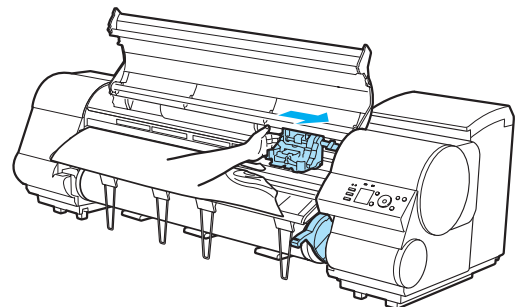
**2** Open the Top Cover.



Note

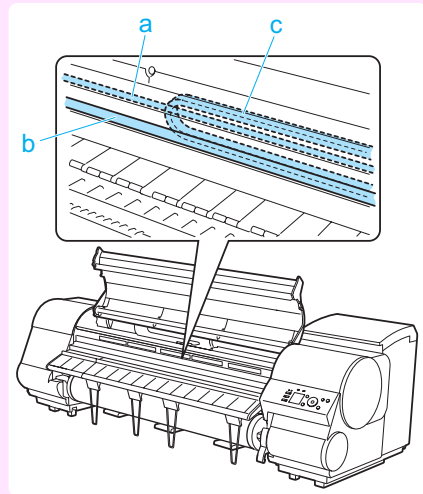
• If the leading edge of the roll jams in the carriage such as when the paper curls strongly, you may be able to avoid paper jamming by setting the roll cutting method to Manual and setting the detection of paper leading edge to **Do not perform**. (See "Specifying the Cutting Method for Rolls.") →P.344

**3** If the Carriage is out, move the Carriage out of the way, away from the paper.

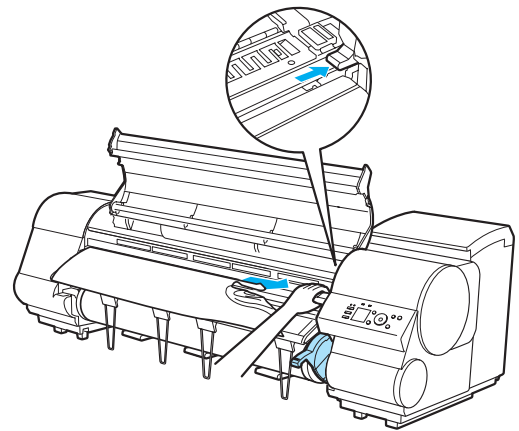




- Do not touch the Linear Scale (a), Carriage Shaft (b), or Ink Tube Stabilizer (c). Touching these parts may damage them.

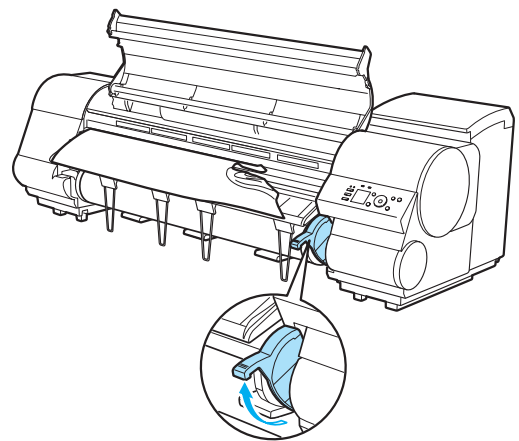


- 4** If the Cutter is out, move the Cutter to the right side, away from the paper.

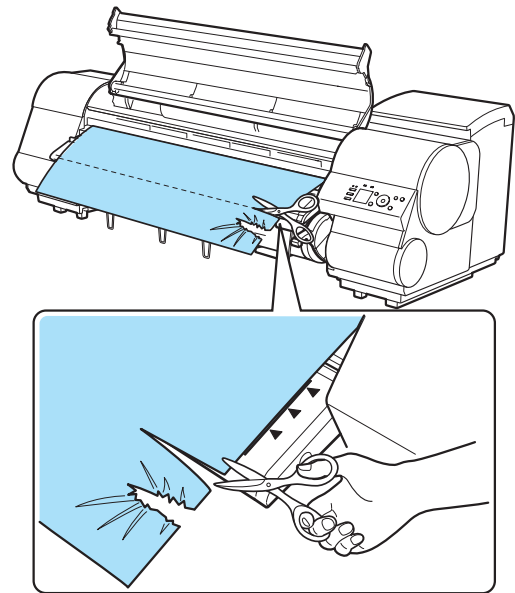


- If the Cutter is on the left side, be sure to move it to the right. If the Cutter is on the left side when you turn the printer on, the printer may rip the paper.

- 5** Lift the Release Lever.

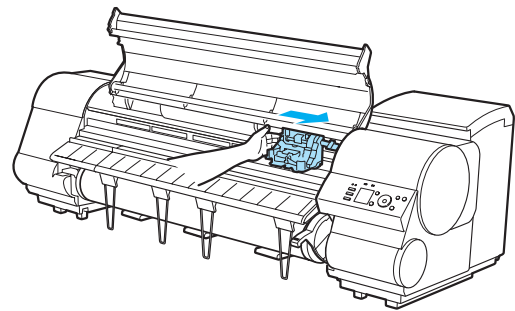


- 6 Holding the paper on both sides, pull the jammed portion out toward the front. Use a scissors or cutting tool to cut away the printed or wrinkled portion.



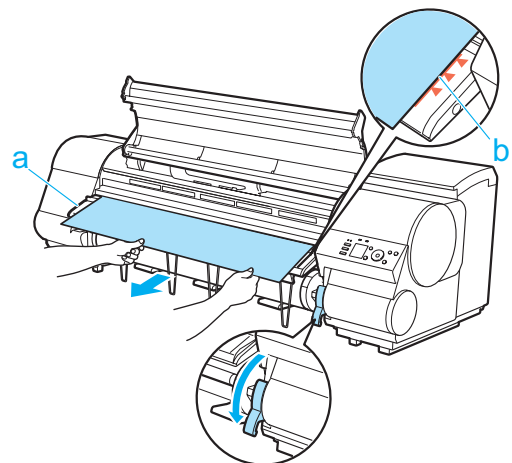
**Caution** • When cutting paper, be careful to avoid injury and damaging the printer.

- 7 If the Carriage is on the left, move the Carriage to the right until it stops.



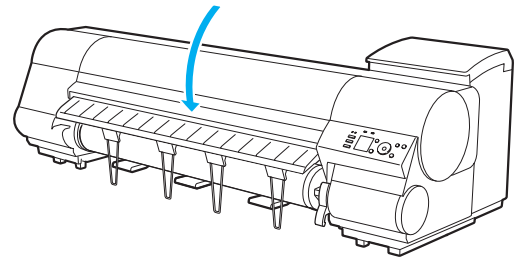
**Important** • Always move the Carriage to the right side. If the Carriage is on the left, a Carriage error may occur when you turn on the printer.

- 8 Hold the edge of the roll paper in the middle as you gently pull it evenly to the position of the Ejection Guide (a). Align the right side of the roll paper with the Paper Alignment Line (b), keeping this side parallel to the line, and then lower the Release Lever.



**Important** • Do not force the roll paper into alignment with the Paper Alignment Line (b). This may prevent the paper from being advanced straight.  
• If you pull out too much of the roll, an excessive amount will be cut away.

9 Close the Top Cover.



10 Turn the printer on. (See "Turning the Printer On and Off.") →P.17  
The roll is now advanced. After it is finished being advanced, you can resume printing.



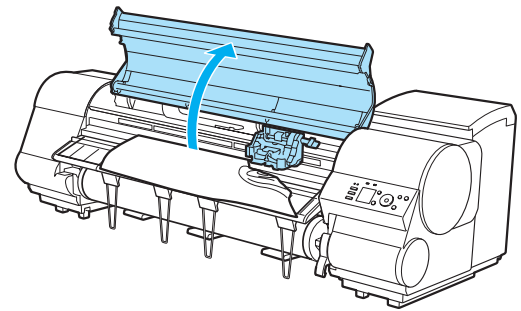
- You can ensure that the edge is cut neatly by selecting **Paper Cutting** in the printer menu. (See "Specifying the Cutting Method for Rolls.") →P.344

### Clearing a Jammed Sheet

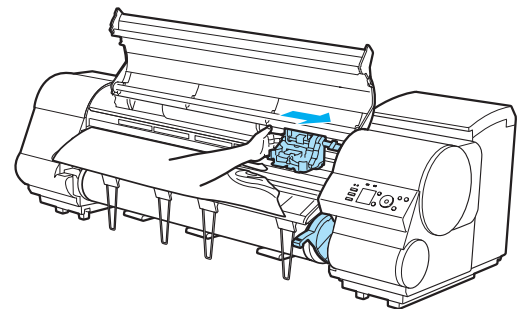
If a sheet jams, follow the steps below to remove it.

1 Turn the printer off. (See "Turning the Printer On and Off.") →P.17

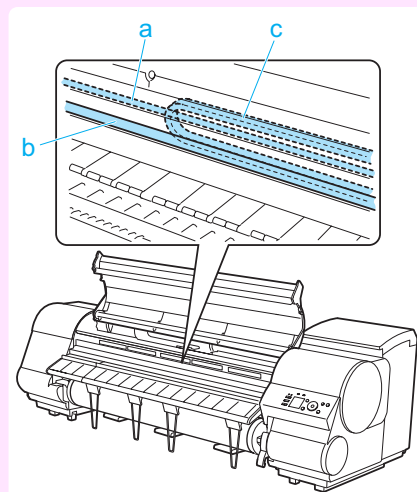
2 Open the Top Cover.



3 If the Carriage is out, move the Carriage out of the way, away from the paper.

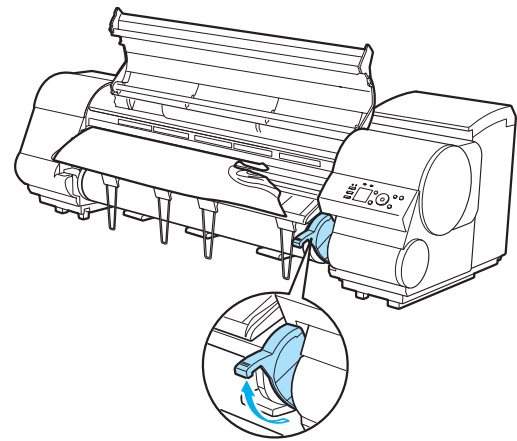


- Do not touch the Linear Scale (a), Carriage Shaft (b), or Ink Tube Stabilizer (c). Touching these parts may damage them.

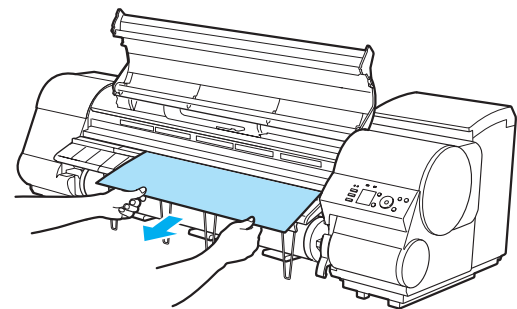




#### 4 Lift the Release Lever.



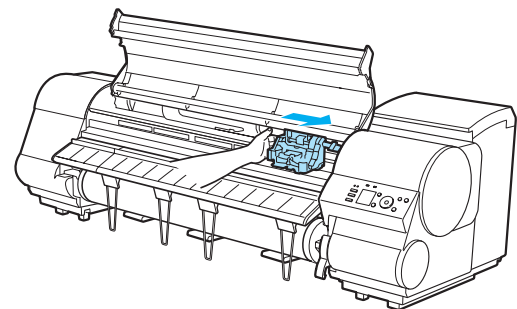
#### 5 Hold the paper and pull it out, toward the front.



Note

- If you do not find any scraps or jams, see "Troubleshooting When Paper Jams are not Found." →P.612

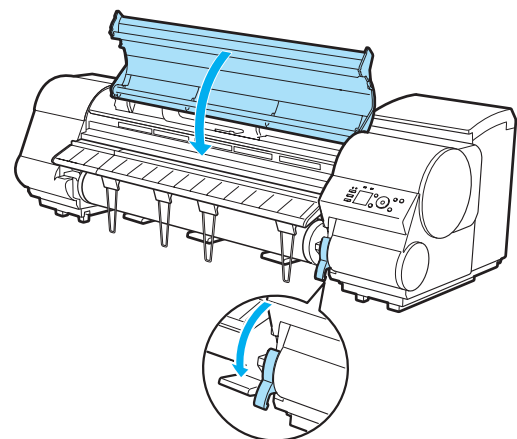
#### 6 If the Carriage is on the left, move the Carriage to the right until it stops.



Important

- Always move the Carriage to the right side. If the Carriage is on the left, a Carriage error may occur when you turn on the printer.

#### 7 Lower the Release Lever and close the Top Cover.



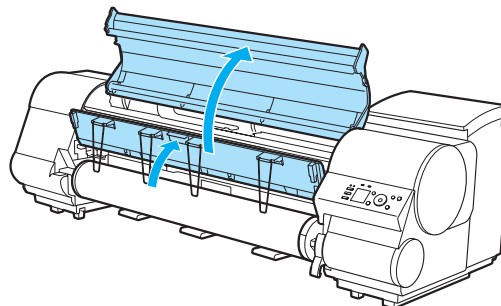
#### 8 Turn the printer on. (See "Turning the Printer On and Off.") →P.17

## Troubleshooting When Paper Jams are not Found

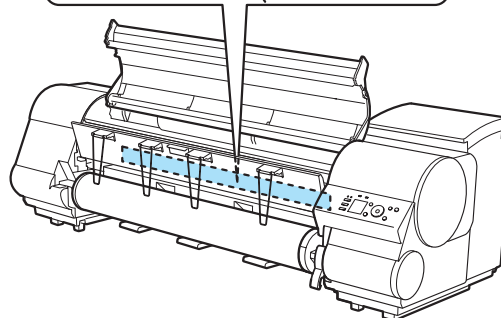
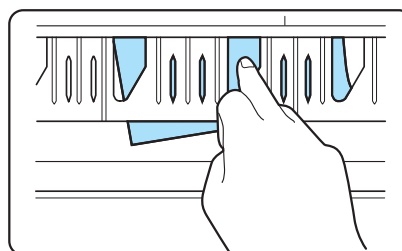
If you cannot find a paper jam, search for the paper as follows.

**1** Turn the printer off. (See "Turning the Printer On and Off.") →P.17

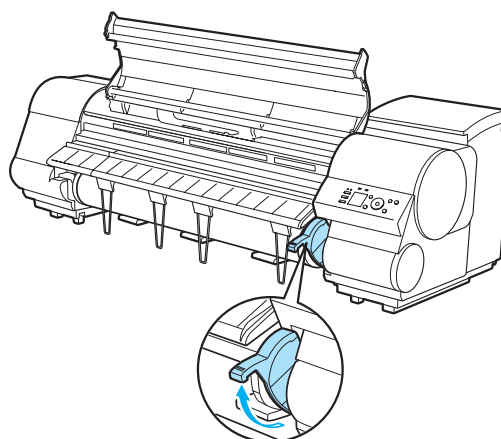
**2** Open the Top Cover and lift the Ejection Guide.



**3** Check for paper in the lower part of the printer. Remove any jammed paper here by pushing it to the floor with your fingers.

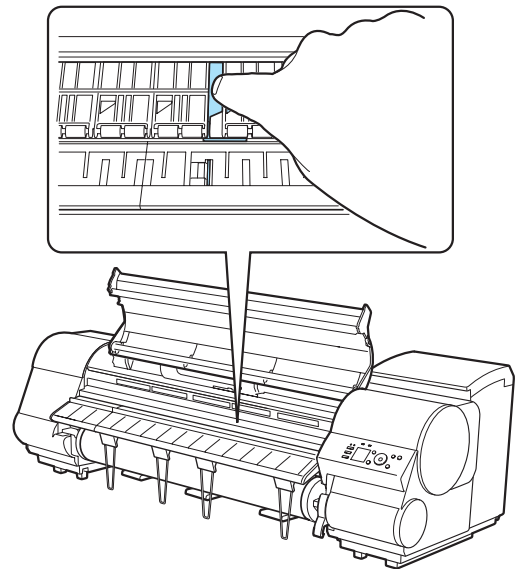


**4** Lift the Release Lever.



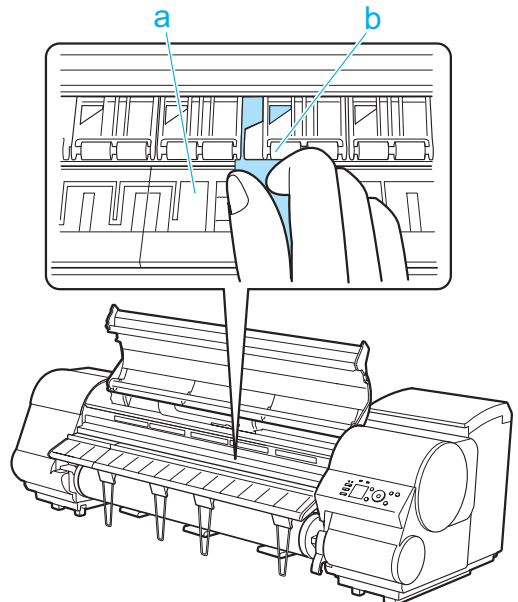
- 5** Open the Top Cover, and if there is a paper jam at the position shown, push it inside with your fingers.

The paper will drop to the floor or to the lower part of the printer.

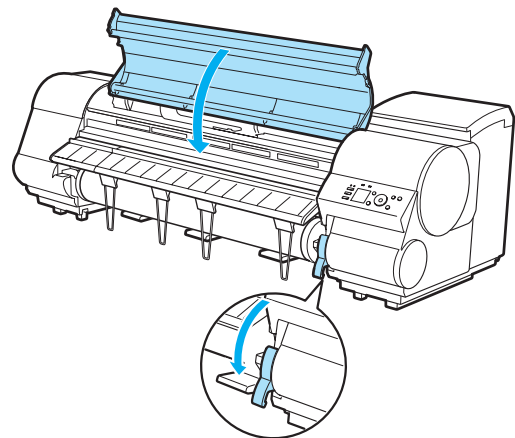


Note

- If there is paper left in the lower part of the printer, push it to the floor with your fingers.
- If the paper does not drop to the floor or to the lower part of the printer, fold an A4 sheet three times, insert it through the gap of the Platen (a) and the Paper Retainer (b), and push the jammed paper out.



- 6** Lower the Release Lever and close the Top Cover.



- 7** Turn the printer on. (See "Turning the Printer On and Off.") →P.17

## Roll paper cannot be inserted into the Paper Feed Slot

Cause	Corrective Action
The roll paper is warped.	Straighten out curls and reload the roll.
Paper is jammed by the paper feed slot.	Remove the jammed paper. (See "Clearing Jammed Roll Paper.") →P.607 (See "Clearing a Jammed Sheet.") →P.610
The paper source selection is incorrect.	Press the <b>Load</b> button and select the paper source.

## Cannot load sheets

Cause	Corrective Action
The paper source selection is incorrect.	Press the <b>Load</b> button and select the paper source.

## Paper is not cut neatly

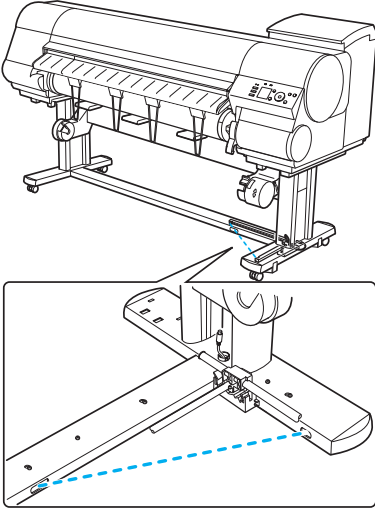
Cause	Corrective Action
The paper is bent or curled at the cut position.	Straighten out any curling by the edges of the paper.
Paper rises by the ends of the cut position before it is cut.	Reload the paper correctly.
You are using paper that cannot be cut with the Cutter Unit.	Specify <b>Manual</b> in <b>Cutting Mode</b> in the Control Panel menu and use scissors or a cutting tool to cut the roll after printing. (See "Specifying the Cutting Method for Rolls.") →P.344
<b>Cut Speed</b> is not configured correctly in the Control Panel menu.	Change the <b>Cut Speed</b> setting in the Control Panel menu. (See "Menu Structure.") →P.435
During cutting, printed documents fall out at an angle.	In the Control Panel menu, set <b>Cutting Mode</b> to <b>Eject</b> . Hold documents after printing, as they are cut. (See "Specifying the Cutting Method for Rolls.") →P.344

## Paper is not cut

Cause	Corrective Action
In the printer driver, <b>No</b> or <b>Print Cut Guideline</b> is specified in <b>Automatic Cutting</b> .	Specify <b>Yes</b> in <b>Automatic Cutting</b> in the printer driver. (See "Page Setup Sheet (Windows).") →P.165 (See "Paper Detailed Settings Dialog Box (Mac OS).") →P.264
In the Control Panel menu, <b>Cutting Mode</b> is set to <b>Eject</b> or <b>Manual</b> .	If the <b>Cutting Mode</b> is <b>Eject</b> , press the <b>Cut</b> button to cut the paper. If the <b>Cutting Mode</b> is <b>Manual</b> , cut rolls with scissors or the like. (See "Specifying the Cutting Method for Rolls.") →P.344
Rolls are not cut when you are using the Media Take-up Unit.	Either cut the roll paper by pressing the <b>Cut</b> button or lift the Release Lever and cut the roll with scissors. (See "Removing Printed Documents from the Media Take-up Unit (Optional).") →P.372

## The Media Take-up Unit Continues Rotating

Cause	Corrective Action
There is a foreign object in the path of the Media Take-up Sensor (indicated by a dotted line).	Remove the foreign object from the Media Take-up Sensor path. Arrange the Basket Cloth and Basket Rod so they do not interfere with the Media Take-up Sensor.

Cause	Corrective Action
	<p>Remove the foreign object from the Media Take-up Sensor path. Arrange the Basket Cloth and Basket Rod so they do not interfere with the Media Take-up Sensor.</p>
<p>The Media Take-up Sensor cord is not connected to the Right Media Take-up Unit correctly.</p>	<p>Reconnect the Media Take-up Sensor cord as follows.</p> <ol style="list-style-type: none"> <li>1. Turn the printer off.</li> <li>2. Disconnect the Media Take-up Sensor cord from the Right Media Take-up Unit and reconnect it firmly, all the way in.</li> <li>3. Turn the printer on.</li> </ol> <p>(See "Loading the Rewind Spool on the Media Take-up Unit." →P367)</p> <p>If the Media Take-up Unit continues rotating, contact your Canon dealer for assistance.</p>

## The size of clear film cannot be detected

Cause	Corrective Action
<p>The Platen is soiled with ink or other substances.</p>	<p>Open the Top Cover and clean the entire Platen. (See "Cleaning Inside the Top Cover." →P591)</p>

## Printing does not start

The Data lamp on the Control Panel does not light up .....	616
The printer does not respond even if print jobs are sent .....	616
Ink Filling.. is displayed .....	616
The display screen indicates Agitating .....	617

### The Data lamp on the Control Panel does not light up

Cause	Corrective Action
The printer is not on.	Make sure the power cord is securely plugged in, all the way. Press the <b>Power</b> button to turn on the printer.
The target printer was not selected when printing.	<ul style="list-style-type: none"> <li>In Windows, select the printer by clicking <b>Select Printer</b> or <b>Printer</b> in the printing dialog box and try printing again.</li> <li>In Mac OS, open the dialog box of the printer driver, select the printer from the list of <b>Printer</b>, and try printing again.</li> </ul>
The print job is paused.	<ul style="list-style-type: none"> <li>In Windows, restart the print job as follows.                             <ol style="list-style-type: none"> <li>Click the printer icon in the <b>Devices and Printers</b> window.</li> <li>Click <b>See what's printing</b> to open a window.</li> <li>Click <b>Pause Printing</b> in the <b>Printer</b> menu to clear the check box.</li> </ol> <p>Note, depending on the version, restart the print job as follows.</p> <ol style="list-style-type: none"> <li>Right-click the printer icon in the <b>Printers and Faxes</b> (or <b>Printers</b>) window.</li> <li>Click <b>Resume Printing</b> in the menu.</li> </ol> </li> <li>In Mac OS, restart the print job as follows.                             <ol style="list-style-type: none"> <li>Click <b>Print &amp; Scan</b>. (This is identified as <b>Printers &amp; Scanners</b> or <b>Print &amp; Fax</b> in other versions of Mac OS.)</li> <li>Choose the printer.</li> <li>Click <b>Open Print Queue</b> to open a window.</li> <li>Click <b>Resume Printer</b> (or <b>Resume</b>).</li> </ol> </li> </ul>

### The printer does not respond even if print jobs are sent

Cause	Corrective Action
In the Control Panel menu, <b>Pause Print</b> is <b>On</b> .	Set <b>Pause Print</b> to <b>Off</b> . (See "Pausing Printing.") →P.27
In the Control Panel menu, <b>Use USB</b> or <b>Use Ethernet</b> is set to <b>Off</b> .	Set <b>Use USB</b> or <b>Use Ethernet</b> to <b>On</b> . (See "Menu Settings.") →P.442
You have selected <b>Save in mail box</b> in <b>Output Method</b> on the printer.	Print the job saved on the printer's hard disk. (See "Printing Saved Jobs.") →P.521
Print jobs are pending.	Manage the jobs on hold and print as needed. (See "Managing Pending Jobs (Printing or Deleting Jobs on Hold).") →P.519

### Ink Filling.. is displayed

Cause	Corrective Action
The printer was forced off during operation.	Wait until the system has been filled with ink.

## The display screen indicates Agitating

Cause	Corrective Action
Ink agitation is in progress.	Please wait until ink agitation is finished. The time for agitation varies depending on how long the printer has been off.

## The printer stops during a print job

An error message is shown on the Display Screen .....	618
The printer ejects blank, unprinted paper .....	618
The printer stops when printing a HP-GL/2 job (the carriage stops moving) .....	631

### An error message is shown on the Display Screen

Cause	Corrective Action
The last portion of roll paper was used during a print job, and paper could not be advanced because the trailing edge is taped to the roll.	Remove the used roll and insert a new roll. (See "Removing the Roll from the Printer.") →P.338 (See "Removing the Roll Holder from Rolls.") →P.340 (See "Loading and Printing on Rolls.") →P.18

### The printer ejects blank, unprinted paper

Cause	Corrective Action
The leading edge of the roll paper was cut to straighten it.	The leading edge of rolls may be cut to straighten it if <b>Trim Edge First</b> is set to a value other than <b>Off</b> in the Control Panel menu. (See "Cutting the Leading Edge of Roll Paper Automatically.") →P.350
The Printhead nozzles are clogged.	Print a test pattern to check the nozzles and make sure the Printhead is in good condition for printing. (See "Checking for Nozzle Clogging.") →P.577
A print job was received from an incompatible printer driver.	Use the correct imagePROGRAF printer driver for the printer and try printing again.
The printer has received print data that includes HP RTL commands when <b>Auto Rotate</b> is <b>On</b> in the Control Panel menu.	In the Control Panel, set <b>Auto Rotate</b> to <b>Off</b> and print again. (See "Menu Settings.") →P.442
The printer is damaged.	Contact your Canon dealer for assistance.



## Problems with the printing quality

Printing is faint .....	619
Paper rubs against the Printhead .....	620
The edges of the paper are dirty .....	620
The surface of the paper is dirty .....	621
The back side of the paper is dirty .....	621
Printed colors are inaccurate .....	621
Banding in different colors occurs .....	622
Colors in printed images are uneven .....	622
Image edges are blurred or white banding occurs .....	623
Setting the Blue Switch on the Platen .....	623
The contrast becomes uneven during printing .....	626
The length of printed images is inaccurate in the feeding direction .....	626
Images are printed crooked .....	626
Documents are printed in monochrome .....	626
Line thickness is not uniform .....	627
Lines are misaligned .....	627

### Printing is faint

Cause	Corrective Action
You may be printing on the wrong side of the paper.	Print on the printing surface.
The Printhead nozzles are clogged.	<p>Print a test pattern to check the nozzles and see if they are clogged. (See "Checking for Nozzle Clogging.") →P.577</p> <p>To check for nozzles after printing, set <b>Frequency</b> in <b>Nozzle Check</b> in the Control Panel menu to a setting other than <b>Off</b>. Furthermore, to have a warning displayed depending on the result of the nozzle check, set <b>Warning</b> in <b>Nozzle Check</b> in the Control Panel menu to <b>On</b>. Note that when <b>Warning</b> is set to <b>On</b>, printing may stop depending on the content of the warning. (See "Menu Settings.") →P.442</p>
Because the printer was left without ink tanks installed for some time, ink has become clogged in the ink supply system.	After the ink tanks have been installed for 24 hours, run <b>Head Cleaning B</b> from the Control Panel. (See "Cleaning the Printhead.") →P.578
Paper is jammed inside the Top Cover.	<p>Follow the steps below to remove the jammed piece of paper inside the Top Cover.</p> <ol style="list-style-type: none"> <li>1. Open the Top Cover and make sure the Carriage is not over the Platen.</li> <li>2. Remove any scraps of paper inside the Top Cover. (See "Clearing Jammed Roll Paper.") →P.607 (See "Clearing a Jammed Sheet.") →P.610</li> <li>3. Close the Top Cover.</li> </ol>
The ink was not dry when paper was cut.	Specify a longer drying period in the Control Panel menu, in <b>Paper Details &gt; Roll DryingTime</b> . (See "Menu Settings.") →P.442
Printing may be faint if <b>Print Quality</b> in <b>Advanced Settings</b> in the printer driver is set to <b>Standard</b> or <b>Fast</b> .	In <b>Advanced Settings</b> of the printer driver, choose <b>Highest</b> or <b>High</b> in <b>Print Quality</b> . Printing in <b>Fast</b> or <b>Standard</b> mode is faster and consumes less ink than in <b>Highest</b> or <b>High</b> modes, but the printing quality is lower. (See "Giving Priority to Particular Graphic Elements and Colors for Printing.") →P.54
You are printing on paper that tends to generate dust when cut.	In the Control Panel menu, set <b>CutDustReduct.</b> in <b>Paper Details</b> to <b>On</b> . (See "Reducing Dust from Cutting Rolls.") →P.351

## Paper rubs against the Printhead

Cause	Corrective Action
The type of paper specified in the printer driver does not match the type loaded in the printer.	Load paper of the same type as you have specified in the printer driver. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353
	Make sure the same type of paper is specified in the printer driver as you have loaded in the printer.  <b>1.</b> Press the <b>Stop</b> button and stop printing. <b>2.</b> Change the type of paper in the printer driver and try printing again.
Paper has been loaded incorrectly, causing it to wrinkle.	Reload the paper. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353
The Printhead is set too low in the Control Panel menu.	In the Control Panel menu, set <b>Head Height</b> to <b>Automatic</b> . (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556
You are printing on heavyweight paper or paper that curls or wrinkles easily after absorbing ink.	For paper-based media such as Heavyweight Coated Paper, set the <b>VacuumStrength</b> to <b>Strong</b> or <b>Strongest</b> in the Control Panel menu. If the paper still rubs against the printhead, set the <b>Head Height</b> in the Control Panel menu to a higher value than the current setting. (See "Adjusting the Vacuum Strength.") →P.564 (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556
	For film-based media such as Tracing Paper, set the <b>VacuumStrength</b> to <b>Standard</b> , <b>Strong</b> or <b>Strongest</b> in the Control Panel menu. If the paper still rubs against the printhead, set the <b>Head Height</b> in the Control Panel menu to a higher value than the current setting. (See "Adjusting the Vacuum Strength.") →P.564 (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556
	When printing on paper 0.1 mm (0.004 in) thick or less, choose a <b>VacuumStrength</b> setting of <b>Weakest</b> in the Control Panel menu. If rubbing still occurs, in the Control Panel menu, use a higher <b>Head Height</b> setting. (See "Adjusting the Vacuum Strength.") →P.564 (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556
When you have loaded paper, the paper you have loaded does not match the type selected on the Control Panel.	Be sure to select the correct type of paper in the Control Panel menu when loading paper. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353

## The edges of the paper are dirty

Cause	Corrective Action
The Platen has become dirty after borderless printing or printing on small paper.	Open the Top Cover and clean the Platen. (See "Cleaning Inside the Top Cover.") →P.591
The type of paper as specified on the printer does not match the type specified in the printer driver.	Make sure the same type of paper is specified on the printer as in the printer driver. (See "Changing the Type of Paper.") →P.336
	Make sure the same paper type is specified in the printer driver as on the printer.  <b>1.</b> Press the <b>Stop</b> button and stop printing. <b>2.</b> Change the type of paper in the printer driver and try printing again.
The paper is wrinkled or warped.	Straighten out the wrinkles or curls and reload the paper. Do not use paper that has been printed on previously. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353
A cut line is printed because <b>CutDustReduct.</b> is <b>On</b> in the Control Panel menu to reduce cutting dust.	If this function is not needed, set <b>CutDustReduct.</b> to <b>Off</b> in the Control Panel menu. (See "Menu Settings.") →P.442
The Printhead is set too low in the Control Panel menu.	In the Control Panel menu, set <b>Head Height</b> to <b>Automatic</b> . (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556

Cause	Corrective Action
You are printing on heavyweight paper or paper that curls or wrinkles easily after absorbing ink.	For paper-based media such as Heavyweight Coated Paper, set the <b>VacuumStrngth</b> to <b>Strong</b> or <b>Strongest</b> in the Control Panel menu. If the paper still rubs against the print-head, set the <b>Head Height</b> in the Control Panel menu to a higher value than the current setting. (See "Adjusting the Vacuum Strength.") →P.564 (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556
	For film-based media such as Tracing Paper, set the <b>VacuumStrngth</b> to <b>Standard</b> , <b>Strong</b> or <b>Strongest</b> in the Control Panel menu. If the paper still rubs against the print-head, set the <b>Head Height</b> in the Control Panel menu to a higher value than the current setting. (See "Adjusting the Vacuum Strength.") →P.564 (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556
The Ejection Guide is soiled.	Clean the Ejection Guide. (See "Cleaning the Printer Exterior.") →P.591

## The surface of the paper is dirty

Cause	Corrective Action
The Paper Retainer is soiled.	Clean the Paper Retainer. (See "Cleaning Inside the Top Cover.") →P.591
You are using a paper that does not dry easily.	In the Control Panel menu, set <b>Roll DryingTime</b> to at least <b>1 min</b> . (See "Menu Settings.") →P.442
	When paper that does not dry easily is used for printing, it may curl during printing and touch the Output Tray. In this case, in the Control Panel menu, complete the settings for <b>Dry time</b> and <b>Area in Scan Wait Time</b> . However, note that printing will now take longer. (See "Menu Settings.") →P.442

## The back side of the paper is dirty

Cause	Corrective Action
The Platen has become dirty after borderless printing or printing on small paper.	Open the Top Cover and clean the Platen. (See "Cleaning Inside the Top Cover.") →P.591
	In the Control Panel menu, set <b>CarriageScanWdth</b> to <b>Fixed</b> . (See "Menu Settings.") →P.442
The Platen has become soiled because you have set <b>Width Detection</b> to <b>Off</b> in the Control Panel menu.	Set <b>Width Detection</b> to <b>On</b> in the Control Panel menu, and then open the Top Cover and clean the Platen. (See "Cleaning Inside the Top Cover.") →P.591
	Open the Top Cover and clean the Platen. After this, manually advance the roll onto the Platen before printing. (See "Cleaning Inside the Top Cover.") →P.591 (See "Feeding Roll Paper Manually.") →P.341
The Platen suction is too strong.	In the Control Panel menu, reduce the level of <b>VacuumStrngth</b> . (See "Adjusting the Vacuum Strength.") →P.564

## Printed colors are inaccurate

Cause	Corrective Action
Color adjustment has not been activated in the <b>Advanced Settings</b> of the printer driver.	In the <b>Advanced Settings</b> of the printer driver, access <b>Color Settings</b> in <b>Color Mode</b> to adjust colors. (See "Main Sheet (Windows).") →P.154 (See "Main Pane (Mac OS).") →P.260
Colors have not been adjusted on the computer or monitor.	Refer to the computer and monitor documentation to adjust the colors.
	Adjust the settings of the color management software, referring to the software documentation as needed.
The Printhead nozzles are clogged.	Print a test pattern to check the nozzles and see if they are clogged.

Cause	Corrective Action
The Printhead nozzles are clogged.	(See "Checking for Nozzle Clogging.") →P.577
<b>Application Color Matching Priority</b> is set to <b>Off</b> in the Windows printer driver.	Click <b>Special Settings</b> in the <b>Layout</b> sheet of the printer driver, and set <b>Application Color Matching Priority</b> to <b>On</b> in the dialog box that is displayed. (See "Layout Sheet (Windows).") →P.169
Color may change slightly even on the same model of printer if you use a different version of the firmware or printer driver, or when you print under different settings or in a different printing environment.	Follow these steps to prepare the printing environment. <ol style="list-style-type: none"> <li>1. Use the same version of firmware or printer driver.</li> <li>2. Specify the same value for all settings items.</li> </ol>

## Banding in different colors occurs

Cause	Corrective Action
The paper feed amount is out of adjustment.	Adjust the feed amount. (See "Adjusting the Feed Amount.") →P.558
Printing does not proceed smoothly because print jobs are interrupted during transmission.	Exit other applications and cancel other print jobs.
In the Control Panel menu, <b>Adj. Priority</b> is set to <b>Print Length</b> .	Setting <b>Adj. Priority</b> to <b>Print Quality</b> in the Control Panel menu and adjusting the feed amount may improve results. (See "Adjusting the Feed Amount.") →P.558
The Printhead is out of alignment.	Adjust the Printhead alignment. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550
The Printhead nozzles are clogged.	Print a test pattern to check the nozzles and see if they are clogged. (See "Checking for Nozzle Clogging.") →P.577
Streaks may occur if you set the <b>Print Quality</b> too low.	Choose a higher level of <b>Print Quality</b> in the <b>Advanced Settings</b> of the printer driver and try printing again. Printing in <b>Fast</b> or <b>Standard</b> mode is faster and consumes less ink than in <b>Highest</b> or <b>High</b> modes, but the printing quality is lower. (See "Giving Priority to Particular Graphic Elements and Colors for Printing.") →P.54
The type of paper specified in the printer driver does not match the type loaded in the printer.	Load paper of the same type as you have specified in the printer driver. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353 Make sure the same type of paper is specified in the printer driver as you have loaded in the printer. <ol style="list-style-type: none"> <li>1. Press the <b>Stop</b> button and stop printing.</li> <li>2. Change the type of paper in the printer driver and try printing again.</li> </ol>

## Colors in printed images are uneven

Cause	Corrective Action
<b>Line Drawing/Text</b> is selected when printing images in many solid colors.	In <b>Print Priority</b> in the <b>Advanced Settings</b> of the printer driver, choose <b>Image</b> .
You are printing on paper that curls easily.	Printed colors may appear uneven on the leading edge of paper that is susceptible to curling. Select a stronger level in <b>Vacuum Strength</b> in the Control Panel menu to increase suction against the paper, or specify a leading margin of 20 mm (0.79 in) or more. (See "Adjusting the Vacuum Strength.") →P.564
Printed colors may be uneven if you set the <b>Print Quality</b> too low.	Choose a higher level of <b>Print Quality</b> in the <b>Advanced Settings</b> of the printer driver. Printing in <b>Fast</b> or <b>Standard</b> mode is faster and consumes less ink than in <b>Highest</b> or <b>High</b> modes, but the printing quality is lower. (See "Giving Priority to Particular Graphic Elements and Colors for Printing.") →P.54
Color may be uneven between dark and light image areas.	Select <b>Unidirectional Printing</b> in the <b>Advanced Settings</b> of the printer driver.

Cause	Corrective Action
When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be slightly uneven at the leading edges.	Specify <b>No</b> in <b>Automatic Cutting</b> in the printer driver before printing. In this case, the paper can be printed without borders on the left and right sides only. Cut the printed document ejected from the printer, and then use scissors or a cutting tool to cut away the edges on the top and bottom.
	Choose a higher level of <b>Print Quality</b> in the <b>Advanced Settings</b> of the printer driver. (See "Giving Priority to Particular Graphic Elements and Colors for Printing.") →P.54
The Printhead is out of alignment.	Adjust the Printhead alignment. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550
Allowing printed documents to dry on top of each other may cause uneven colors.	To avoid uneven colors, we recommend drying each sheet separately.
Density may be uneven if you use Glossy Paper or Coated Paper.	In <b>Advanced Settings</b> of the printer driver, choose <b>Highest</b> or <b>High</b> in <b>Print Quality</b> .
The type of paper specified in the printer driver does not match the type loaded in the printer.	Load paper of the same type as you have specified in the printer driver. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353
	Make sure the same type of paper is specified in the printer driver as you have loaded in the printer.  <b>1.</b> Press the <b>Stop</b> button and stop printing. <b>2.</b> Change the type of paper in the printer driver and try printing again.
<b>Scan Wait Time &gt; Area</b> in the Control Panel menu is set to <b>Leading edge</b> .	When <b>Scan Wait Time &gt; Area</b> is set to <b>Leading edge</b> , colors may be uneven 110–160 mm from the leading edge. (The position varies depending on the <b>Print Quality</b> setting.) In this case, select <b>Scan Wait Time &gt; Area &gt; Entire area</b> . However, note that printing will now take longer. (See "Menu Settings.") →P.442

## Image edges are blurred or white banding occurs

Cause	Corrective Action
The Platen suction is too strong.	In the Control Panel menu, reduce the level of <b>VacuumStrength</b> . (See "Adjusting the Vacuum Strength.") →P.564
	Close the blue Switch on the platen so that it matches the paper size. (See "Setting the Blue Switch on the Platen.") →P.623
Incorrect Printhead alignment value.	In the Control Panel menu, set <b>Head Height</b> to a lower height. (See "Troubleshooting Paper Abrasion and Blurry Images.") →P.556
The type of paper specified in the printer driver does not match the type loaded in the printer.	Load paper of the same type as you have specified in the printer driver. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353
	Make sure the same type of paper is specified in the printer driver as you have loaded in the printer.  <b>1.</b> Press the <b>Stop</b> button and stop printing. <b>2.</b> Change the type of paper in the printer driver and try printing again.

## Setting the Blue Switch on the Platen

If printed documents exhibit the following symptoms, adjust the setting of the blue Switch on the Platen.

- Image edges are blurred
- Image edges are affected by white banding



Important

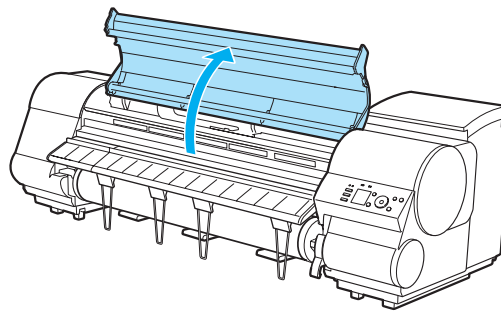
- Always set all of the blue Switches on the Platen to the ● side for borderless printing. If the Switch are not set correctly, the print quality may deteriorate.

**1** Remove any loaded paper that will not be used.

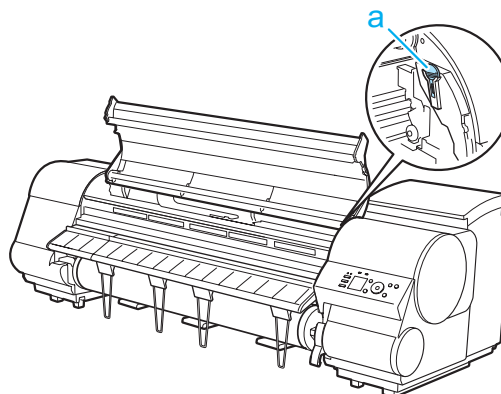
- Rolls (See "Removing the Roll from the Printer.") →P.338

- Sheet (See "Removing Sheets.") →P.357

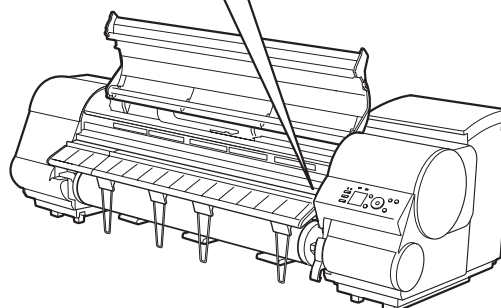
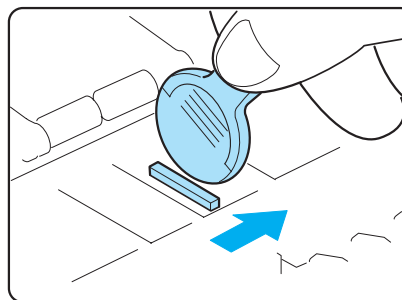
**2** Open the Top Cover.



**3** Remove the Cleaning Brush (a).

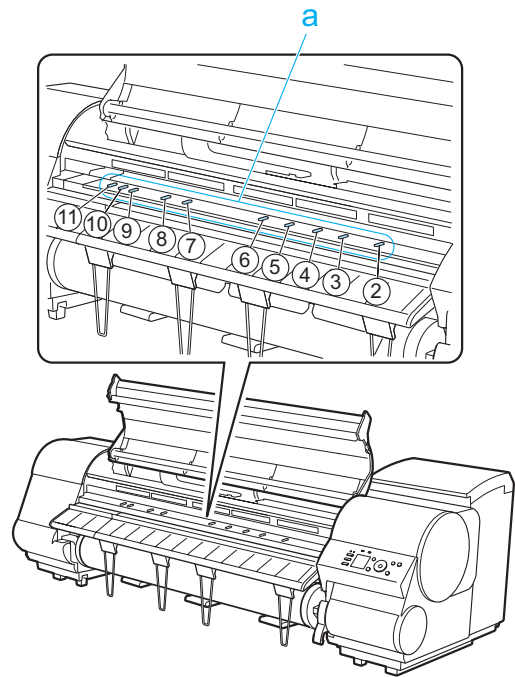


**4** Using the back of the Cleaning Brush, move the first Switch to the side opposite ●.





**5** Refer to the following table to confirm the number on the Platen (a) that corresponds to the size of paper for printing.



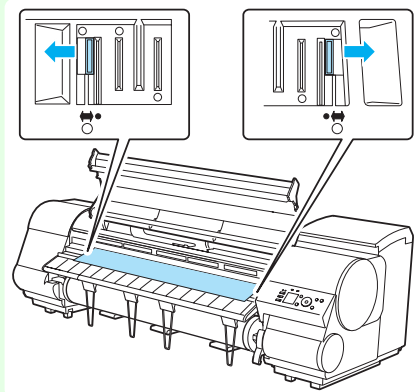
Number	Dimensions
2	254.0 mm (10.00 in)
3	355.6 mm (14.00 in)
4	431.8 mm (17.00 in)
5	515.0 mm (JIS B2 or B3)
6	594.0 mm (ISO A1 or A2) or 609.6 mm (24.00 in)
7	841.0 mm (ISO A0 or A1)
8	914.4 mm (36.00 in)
9	1030.0 mm (JIS B0 or B1)
10	1066.8 mm (42.00 in)
11	1117.6 mm (44.00 in)

**6** Using the back of the Cleaning Brush, move the Switch to the side opposite ●, corresponding to the size of the paper for printing.

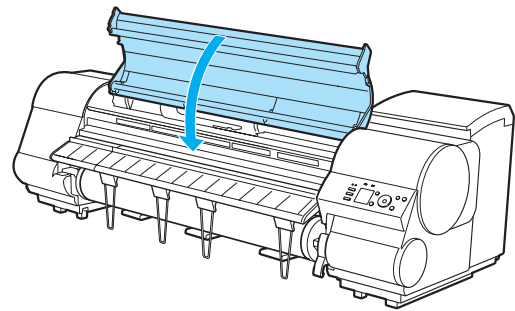
In this case, note that you will move the switch in the opposite direction from the direction in step 4.



- The Switch only moves number 1 and the number that matches the paper size. Set all of the switches where the number does not match the paper size in switches number 2 and higher to the ● side.



**7** Close the Top Cover.



**The contrast becomes uneven during printing**

Cause	Corrective Action
The paper feed amount is out of adjustment.	Adjust the feed amount. (See "Adjusting the Feed Amount.") →P.558
The type of paper specified in the printer driver does not match the type loaded in the printer.	Load paper of the same type as you have specified in the printer driver. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353
	Make sure the same type of paper is specified in the printer driver as you have loaded in the printer.  <b>1.</b> Press the <b>Stop</b> button and stop printing. <b>2.</b> Change the type of paper in the printer driver and try printing again.

**The length of printed images is inaccurate in the feeding direction**

Cause	Corrective Action
In the Control Panel menu, <b>Adj. Priority</b> is set to <b>Print Quality</b> .	Set <b>Adj. Priority</b> to <b>Print Length</b> in the Control Panel menu, and then execute <b>Adjust Length</b> . (See "Adjusting the Feed Amount.") →P.558
The type of paper specified in the printer driver does not match the type loaded in the printer.	Load paper of the same type as you have specified in the printer driver. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353
	Make sure the same type of paper is specified in the printer driver as you have loaded in the printer.  <b>1.</b> Press the <b>Stop</b> button and stop printing. <b>2.</b> Change the type of paper in the printer driver and try printing again.

**Images are printed crooked**

Cause	Corrective Action
In the Control Panel menu, <b>Skew Check Lv.</b> is set to <b>Loose</b> or <b>Off</b> .	In the Control Panel menu, set <b>Skew Check Lv.</b> to <b>Standard</b> .
In the Control Panel menu, <b>Width Detection</b> is set to <b>Off</b> .	Set <b>Width Detection</b> to <b>On</b> in the Control Panel menu.

**Documents are printed in monochrome**

Cause	Corrective Action
In the <b>Advanced Settings</b> of the printer driver, <b>Monochrome</b> , <b>Monochrome (BK ink)</b> , or <b>Monochrome Bitmap</b> is specified in <b>Color Mode</b> .	In the <b>Advanced Settings</b> of the printer driver, specify <b>Color</b> in <b>Color Mode</b> and try printing again.
The Printhead nozzles are clogged.	Print a test pattern to check the color ink nozzles and see if they are clogged. (See "Checking for Nozzle Clogging.") →P.577



## Line thickness is not uniform

Cause	Corrective Action
In the <b>Special Settings</b> dialog box of the Windows printer driver, <b>Fast Graphic Process</b> is set to <b>On</b> .	<p>Access the printer driver <b>Properties</b> dialog box from <b>Print</b> in the <b>File</b> menu of the source application, and follow these steps to print.</p> <ol style="list-style-type: none"> <li>1. Clear the option <b>Open Preview When Print Job Starts</b> on the <b>Main</b> sheet.</li> <li>2. Clear the option <b>Page Layout</b> on the <b>Layout</b> sheet.</li> <li>3. Click the <b>Special Settings</b> button in the <b>Layout</b> sheet, open the <b>Special Settings</b> dialog box, and set <b>Fast Graphic Process</b> to <b>Off</b>.</li> </ol>
The type of paper specified in the printer driver does not match the type loaded in the printer.	<p>Load paper of the same type as you have specified in the printer driver.                      (See "Loading Rolls in the Printer.") →P.333                      (See "Loading Sheets in the Printer.") →P.353</p>
	<p>Make sure the same type of paper is specified in the printer driver as you have loaded in the printer.</p> <ol style="list-style-type: none"> <li>1. Press the <b>Stop</b> button and stop printing.</li> <li>2. Change the type of paper in the printer driver and try printing again.</li> </ol>
The blue Switch on the platen is set incorrectly.	<p>Move the Switch numbered corresponding to the size of paper for printing opposite to the ● position.                      (See "Setting the Blue Switch on the Platen.") →P.623</p>

## Lines are misaligned

Cause	Corrective Action
The Printhead alignment is not adjusted.	<p>Adjust the Printhead alignment.                      (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550                      (See "Manual Adjustment to Straighten Lines and Colors.") →P.552                      (See "Adjusting Line Misalignment.") →P.554</p>
The type of paper specified in the printer driver does not match the type loaded in the printer.	<p>Load paper of the same type as you have specified in the printer driver.                      (See "Loading Rolls in the Printer.") →P.333                      (See "Loading Sheets in the Printer.") →P.353</p>
	<p>Make sure the same type of paper is specified in the printer driver as you have loaded in the printer.</p> <ol style="list-style-type: none"> <li>1. Press the <b>Stop</b> button and stop printing.</li> <li>2. Change the type of paper in the printer driver and try printing again.</li> </ol>

# Cannot print over a network

Cannot connect the printer to the network ..... 628

Cannot print over a TCP/IP network ..... 628

Cannot print over a Bonjour network ..... 628

## Cannot connect the printer to the network

Cause	Corrective Action
The Ethernet cable is not connected correctly to the printer's Ethernet port.	<ol style="list-style-type: none"> <li>1. Make sure the printer is connected to the network with the correct Ethernet cable, and then turn the printer on. For instructions on connecting the cable, refer to the Setup Guide.</li> <li>2. Make sure the Link indicator is lit.                     <p>The top indicator is lit in green and the bottom indicator is lit in orange when the printer is connected via 1000Base-T.</p> <p>The top indicator is lit in green when the printer is connected via 100Base-TX.</p> <p>The bottom indicator is lit in orange when the printer is connected via 10Base-T.</p> <p>If the Link indicator is not lit, check the following points.</p> <ul style="list-style-type: none"> <li>• Make sure the connection point is on.</li> <li>• Make sure the end of the Ethernet cable is connected correctly. Insert the Ethernet cable until it clicks and locks in place.</li> <li>• Make sure there is no problem with the Ethernet cable. If there is any problem, replace the Ethernet cable.</li> <li>• Check the communication mode with the connection point. Although the printer normally detects the communication mode and transmission rate of the communication point automatically (in auto negotiation mode), sometimes the communication point settings cannot be detected. In this case, configure the connection method manually, specifying the communication mode in use. (See "Configuring the Communication Mode Manually.") →P.489</li> </ul> </li> </ol>

## Cannot print over a TCP/IP network

Cause	Corrective Action
The printer's IP address is not configured correctly.	Make sure the printer's IP address is configured correctly. (See "Configuring the IP Address Using imagePROGRAF Device Setup Utility.") →P.491 (See "Configuring the IP Address Using the Printer Control Panel.") →P.480
The printer's TCP/IP network settings are not configured correctly.	Make sure the printer's TCP/IP network settings are configured correctly. (See "Configuring the Printer's TCP/IP Network Settings With RemoteUI.") →P.484
The computer you are trying to print from is not configured correctly.	Make sure the computer's TCP/IP network settings are configured correctly. (See "Configuring the Printer Driver Destination (Windows).") →P.483 (See "Configuring the Destination in TCP/IP Networks (Mac OS).") →P.487

## Cannot print over a Bonjour network

Cause	Corrective Action
The computer you are trying to print from is not configured correctly.	Make sure the computer is configured correctly. (See "Configuring the Destination for Bonjour Network (Mac OS).") →P.487
The computer and printer are not on the same network.	Due to the nature of Bonjour, you cannot print if the printer is on another network behind a router. Make sure the computer and printer are on the same network. For information about network settings, ask your network administrator.

Troubleshooting

Cannot print over a network

# Installation problems

## Removing Installed Printer Drivers

Follow these steps to remove installed printer drivers and utilities.

### Removing printer drivers (Windows)

Remove the printer driver as follows.



- The following procedure is for Windows 7. The method of removing printer drivers varies depending on the version of Windows.

- From the Windows **start** menu, select **All Programs > Canon Printer Uninstaller > imagePROGRAF Printer Driver Uninstaller** to display the **Delete Printer** window.
- Select the printer in the list and click **Delete**.
- Click **Yes** after the **Warning** message is displayed.
- Make sure that the printer has been removed from the list, and then click **Exit**.

### Removing imagePROGRAF Status Monitor (Windows)

Remove imagePROGRAF Status Monitor as follows.



- The following procedure is for Windows 7. The method of removing printer drivers varies depending on the version of Windows.

- Select **Control Panel** from the **start** menu.
- Select **Uninstall a program**.
  - If the **User Account Control** dialog box is displayed, click **Yes**.
- Select **imagePROGRAF Status Monitor**, and then click the **Uninstall** button.

### Removing imagePROGRAF Device Setup Utility (Windows)

Remove imagePROGRAF Device Setup Utility as follows.



- The following procedure is for Windows 7. The method of removing printer drivers varies depending on the version of Windows.

- Select **Control Panel** from the **start** menu.
- Select **Uninstall a program**.
  - If the **User Account Control** dialog box is displayed, click **Yes**.
- Select **imagePROGRAF Device Setup Utility**, and then click the **Uninstall** button.

## HP-GL/2 problems

With HP-GL/2, printing is misaligned .....	630
Lines or images are missing in printed HP-GL/2 jobs .....	630
Lines are printed too thick or thin in HP-GL/2 print jobs .....	630
HP-GL/2 jobs are printed in monochrome (or color) .....	630
Printed colors of lines are inaccurate during HP-GL/2 printing .....	631
HP-GL/2 jobs are printed 6 mm larger than specified .....	631
HP-GL/2 jobs are printed at maximum size, even if a standard size is specified .....	631
HP-GL/2 printing takes a long time .....	631
The printer stops when printing a HP-GL/2 job (the carriage stops moving) .....	631

### With HP-GL/2, printing is misaligned

Cause	Corrective Action
The plotter origin is incorrect.	Check the printing commands. Set <b>Detect img size</b> to <b>Command priority</b> or <b>Detected size</b> in the Control Panel menu. (See "Menu Settings.") →P.442
The <b>Margin</b> setting in the Control Panel menu is incorrect.	Adjust the <b>Margin</b> setting values in the Control Panel menu. (See "Menu Settings.") →P.442

### Lines or images are missing in printed HP-GL/2 jobs.

Cause	Corrective Action
The memory is full.	Check the size of the data in the print job.
An HP-GL/2 command not supported by this printer was received.	Check the print job and settings.
The printer has received print data that includes HP RTL commands when <b>Auto Rotate</b> is <b>On</b> in the Control Panel menu.	In the Control Panel, set <b>Auto Rotate</b> to <b>Off</b> and print again. (See "Menu Settings.") →P.442
The plotter origin is incorrect.	Set <b>Detect img size</b> to <b>Command priority</b> or <b>Detected size</b> in the Control Panel menu. (See "Menu Settings.") →P.442
<b>Oversize</b> in the Control Panel menu is set to <b>Off</b> .	Set <b>Oversize</b> to <b>On</b> in the Control Panel menu. (See "Menu Settings.") →P.442

### Lines are printed too thick or thin in HP-GL/2 print jobs

Cause	Corrective Action
The <b>Width</b> setting in the Control Panel menu is incorrect.	Change the <b>Width</b> setting configured in <b>Pen no.</b> of the <b>Palette A</b> or <b>Palette B</b> selected in the Control Panel menu. (See "Menu Settings.") →P.442
<b>ThickenFineLines</b> in the Control Panel menu is set to <b>Off</b> .	If fine lines are printed faintly, setting <b>ThickenFineLines</b> to <b>On</b> will print the lines more distinctly. (See "Menu Settings.") →P.442
The <b>Ln wdth correct</b> setting in the Control Panel menu is incorrect.	Change the <b>Ln wdth correct</b> setting in the Control Panel menu. (See "Menu Settings.") →P.442

### HP-GL/2 jobs are printed in monochrome (or color)

Cause	Corrective Action
The <b>Color Mode</b> setting in the Control Panel menu is incorrect.	Check the <b>Color Mode</b> setting in the Control Panel menu. (See "Menu Settings.") →P.442 However, for optimal Printhead performance, the printer consumes trace amounts of color ink even when <b>Monochrome</b> is selected as <b>Color Mode</b> .

## Printed colors of lines are inaccurate during HP-GL/2 printing

Cause	Corrective Action
<b>AdjustFaintLines</b> is <b>On</b> in the Control Panel menu.	Setting <b>AdjustFaintLines</b> to <b>Off</b> in the Control Panel menu may help produce the expected results. However, lines in some colors may appear broken.

## HP-GL/2 jobs are printed 6 mm larger than specified

Cause	Corrective Action
The page size of the HP-GL/2 print job, as created in the source application, is incorrect.	In the Control Panel menu, set <b>Oversize</b> to <b>Off</b> . (See "Menu Settings.") →P.442

## HP-GL/2 jobs are printed at maximum size, even if a standard size is specified

Cause	Corrective Action
The page size of the HP-GL/2 print job, as created in the source application, is incorrect.	Set <b>Detect img size</b> to <b>Command priority</b> or <b>Detected size</b> in the Control Panel menu. (See "Menu Settings.") →P.442
	Set <b>Conserve Paper</b> to <b>On</b> in the Control Panel menu. (See "Menu Settings.") →P.442

## HP-GL/2 printing takes a long time

Cause	Corrective Action
Large print jobs with a lot of data take longer to print.	Please wait a while until printing is finished.
A job was printed when <b>Input Resolution</b> in the Control Panel menu was set to <b>600dpi</b> .	In the Control Panel menu, set <b>Input Resolution</b> to <b>300dpi</b> and print again. (See "Menu Settings.") →P.442

## The printer stops when printing a HP-GL/2 job (the carriage stops moving)

Cause	Corrective Action
The printer is analyzing the print job.	Please wait a while until printing is finished.
A job was printed when <b>Input Resolution</b> in the Control Panel menu was set to <b>600dpi</b> .	In the Control Panel menu, set <b>Input Resolution</b> to <b>300dpi</b> and print again. (See "Menu Settings.") →P.442

## Other problems

The printer does not go on ..... 632

Cannot operate from the Control Panel ..... 632

The printer takes time to start up ..... 632

If the Printer Makes a Strange Sound ..... 633

Messages advising to check the maintenance cartridge are not cleared ..... 633

The printer consumes a lot of ink ..... 633

Ink Level Detection ..... 633

### The printer does not go on

Cause	Corrective Action
The printer is unplugged.	Plug the power cord into the outlet, and then turn on the printer.
The specified voltage is not supplied.	Check the voltage of the outlet and breaker. (See "Specifications.") → P.660

### Cannot operate from the Control Panel

Cause	Corrective Action
The control panel access lock is set.	Release the control panel access lock. (See "Setting Control panel access lock.") → P.458

### The printer takes time to start up

Cause	Corrective Action
The printer may have shut down incorrectly last time. This may happen after power outages or if the printer is unplugged before it is turned off. In this case, the next time power is restored, the printer's hard disk is checked, and startup may take some time.	Please wait a while, because it may take several minutes to finish checking the hard disk. If an error message is displayed after the hard disk check, follow the instructions indicated to resolve the problem.

## If the Printer Makes a Strange Sound

Cause	Corrective Action
The printer makes a sound during operation.	<p>The following sounds do not indicate a problem with the printer.</p> <ul style="list-style-type: none"> <li>• There is a sound of suction from the Platen To prevent paper from rising, paper is held against the Platen by suction from Vacuum holes under it.</li> <li>• There is a sound when a different size of paper is used and when the Carriage goes from side to side When paper of a different size is used, a valve is automatically activated to switch the area for paper suction, which may make a sound. This mechanism prevents suction from Vacuum holes where there is no paper. In addition, ink is ejected in sync with the movement of the Carriage back and forth to ensure optimal ink flow. At this time, the valve automatically switches the area for paper suction, which may make a sound.</li> <li>• Roll paper makes a fluttering sound during printing There may be a fluttering sound when large paper is advanced.</li> <li>• If you suddenly hear the tone for cleaning operations At regular intervals, for printer maintenance, cleaning operations will begin automatically, even if the printer is in Sleep mode.</li> <li>• If you suddenly hear the tone for ink agitation At regular intervals, to ensure optimal printing quality, the ink is agitated automatically, even if the printer is in Sleep mode. The ink is also agitated automatically under the following conditions. Note that other operations are not possible while "<b>Agitating</b>" is displayed on the control panel. <ul style="list-style-type: none"> <li>• After the printer is turned on</li> </ul> </li> </ul> <p>In other cases, contact your Canon dealer.</p>

## Messages advising to check the maintenance cartridge are not cleared

Cause	Corrective Action
The printer has not detected the new Maintenance Cartridge that was used to replace the old one.	Remove the new Maintenance Cartridge you have just installed and insert it again firmly. (See " <b>Replacing the Maintenance Cartridge.</b> ") →P.585

## The printer consumes a lot of ink

Cause	Corrective Action
Many full-page color images are printed.	In print jobs such as photos, images are filled with color. This consumes a lot of ink. This does not indicate a problem with the printer.
<b>Head Cleaning B</b> in the Control Panel menu is executed frequently.	<b>Head Cleaning B</b> in the Control Panel menu consumes a lot of ink. This does not indicate a problem with the printer. Unless the printer has been moved or stored for a long period or you are troubleshooting Printhead problems, we recommend not performing <b>Head Cleaning B</b> , to the extent possible.
You have just finished initial installation, when more ink is consumed to fill the system.	After initial installation or at the first-time use after transfer, ink flows into the system between the Ink Tank and Printhead. Although the amount of remaining ink may drop as a result, it does not indicate a problem.
The Printhead nozzles are clogged.	Check for nozzle clogging. (See " <b>Checking for Nozzle Clogging.</b> ") →P.577

## Ink Level Detection

Ink level detection will be deactivated if you load ink tanks once emptied.

### Ink level detection

Ink tanks specified for this printer feature an ink level detection function to prevent the ink from running out during printing, which prevents printer damage. (See "**Ink Tanks.**") →P.566  
This function will not work correctly if you use refill ink tanks. As a result, printing stops. Thus, before using refill ink tanks, you must cancel the ink level detection.  
Printing with the ink level detection canceled may lead to printer damage and printing problems. Canon Inc. is not liable for any damage that may occur as a result of refilling ink.

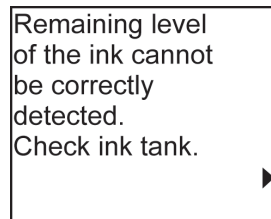


Important

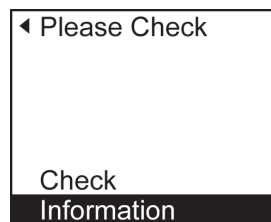
- After ink level detection has been released, this function cannot be reactivated for currently loaded Ink Tank. To use ink level detection again, replace the Ink Tank with new ones specified for use with the printer.
- Repeatedly removing and inserting an Ink Tank may damage the connection between the Ink Tank and the printer, which may cause ink leakage from the Ink Tank and damage the printer.

### Releasing ink level detection

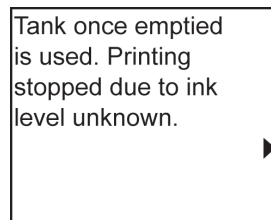
**1** On the Display Screen, a message indicates that the ink level cannot be detected. After checking the message, press the ► button.



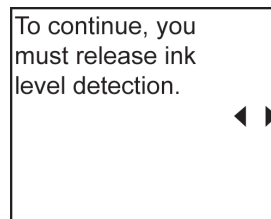
**2** Press ▲ or ▼ to select **Information**, and then press the **OK** button.



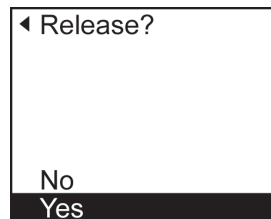
**3** A confirmation message is shown on the Display Screen about releasing ink level detection. After checking the message, press the ► button.



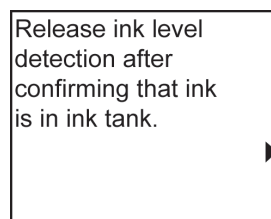
**4** After checking the message, press the ► button.



**5** Press ▲ or ▼ to select **Yes**, and then press the **OK** button.

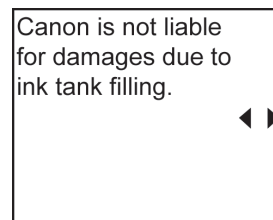


**6** Check the message and press the ► button.

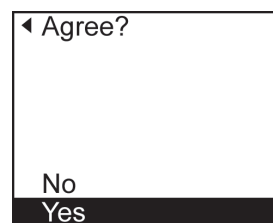




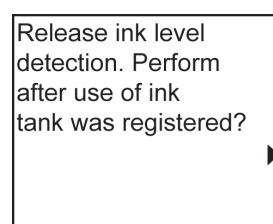
**7** Check the message and press the ► button.



**8** Press ▲ or ▼ to select **Yes**, and then press the **OK** button.

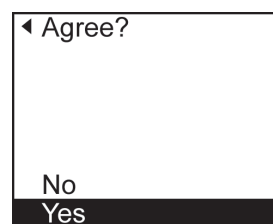


**9** A confirmation message about updating ink information is shown on the Display Screen. After checking the message, press the ► button.



**10** Press ▲ or ▼ to select **Yes**, and then press the **OK** button.

Ink level detection is now released.



# Memo

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605

## Error Message

Error Messages .....	638
Messages regarding paper .....	640
Messages regarding ink .....	649
Messages regarding printing or adjustment .....	651
Messages regarding printheads .....	652
Messages regarding the maintenance cartridge .....	654
Messages regarding the hard disk .....	655
Messages regarding HP-GL/2 .....	656
Other Messages .....	657

Specifications	659
Appendix	663

## Error Messages

Before borderless printing, move the blue platen switch. ....	651
Blue platen switch is dirty. ....	651
Borderless printing not possible. ....	647
Borderless printing not possible. Paper stretched or shrank. ....	651
Cannot adjust printhead. ....	652
Cannot print as specified. ....	651
Cannot recognize print head. ....	652
Check printed document. ....	651
Close Ink Tank Cover ....	649
End of paper feed. ....	646
ERROR Exxx-xxxx (x represents a letter or number) ....	657
Execute printhead cleaning. ....	653
File read error. ....	655
GARO Wxxxx (x represents a number) ....	657
GL2: W0502 The parameter is out of range. ....	656
GL2: W0504 This command is not supported. ....	656
GL2: Wxxxx The memory is full. (xxxx is 0501, 0903, or 0904) ....	656
Hard disk error. ....	655
Hardware error. xxxxxxxx-xxxx (x represents a letter or number) ....	657
Ink insufficient. ....	649
Ink tank is empty. ....	649
Insert the maintenance cartridge. ....	654
Insufficient paper for job ....	642
Mail box full. Delete unwanted data ....	655
Mail box full. Now printing without saving data. ....	655
Mail box nearly full. ....	655
Maint. cart. The level is low ....	654
Maintenance cartridge full. ....	654
Maintenance cartridge problem. ....	654
Maximum jobs stored. ....	655
Media take-up unit ready. ....	646
MediaType Mismatch ....	640
Move the blue platen switch No.xx to the right. (xx represents a number) ....	651
Multi-sensor error ....	658
No ink left. ....	649
No ink tank loaded. ....	650
No Maintenance Cartridge capacity. ....	654
Not much ink is left. ....	650
Paper cutting failed. ....	645
Paper jam. ....	645
Paper loaded askew. ....	645
Paper position not suitable for borderless printing. ....	647
Paper size not detected. ....	642
PapTypeMismatch ....	640
PapWidth Mismatch ....	641
Parts replacement time has passed. ....	658
Prepare for parts replacement. ....	658
Printhead error ....	652
Regular printing is selected, but a roll is loaded. ....	644
Rel lever is in wrong position. ....	646
Remaining level of the ink cannot be correctly detected. Check ink tank. ....	649

Rewinding error. ....	646
Roll printing is selected, but sheets are loaded. ....	643
Roll printing is selected. ....	643
Sheet printing is selected. ....	644
Sheet removed. ....	644
The following ink tanks cannot be recognized. ....	650
The mail box is full. ....	655
The paper is too small. ....	641
The paper is too small. ....	641
The roll is empty. ....	643
This paper cannot be used as size is not supported. ....	643
This type of paper is not compatible with HP-GL/2. ....	656
Top cover is open. ....	657
Turn on the media take-up unit. ....	647
Unknown file. ....	658
Wrong ink tank. ....	650
Wrong maintenance cartridge. ....	654
Wrong printhead. ....	652

## Messages regarding paper

MediaType Mismatch .....	640
PaprTypeMismatch .....	640
The paper is too small. ....	641
The paper is too small. ....	641
PapWidth Mismatch .....	641
Paper size not detected. ....	642
Insufficient paper for job .....	642
This paper cannot be used as size is not supported. ....	643
Roll printing is selected. ....	643
Roll printing is selected, but sheets are loaded. ....	643
The roll is empty. ....	643
Sheet removed. ....	644
Sheet printing is selected. ....	644
Regular printing is selected, but a roll is loaded. ....	644
Paper jam. ....	645
Paper loaded askew. ....	645
Paper cutting failed. ....	645
End of paper feed. ....	646
Rel lever is in wrong position. ....	646
Rewinding error. ....	646
Media take-up unit ready. ....	646
Turn on the media take-up unit. ....	647
Borderless printng not possible. ....	647
Paper position not suitable for borderless printing. ....	647

Error Message

Messages regarding paper

### MediaType Mismatch

Cause	Corrective Action
You tried to print a test pattern for printer adjustment on several sheets, but sheets of different types of paper were used.	<p>When printing a test pattern for adjustment, use sheets of the same type of paper, in the required quantity. Replace the paper as follows and perform adjustment again.</p> <ol style="list-style-type: none"> <li>1. Lift the Release Lever and stop printing.</li> <li>2. Replace the paper. (See "Loading and Printing on Sheets.") → P.20</li> <li>3. Execute adjustment again from the control panel menu.</li> </ol>
When <b>Detect Mismatch</b> in the Control Panel menu is set to <b>Warning</b> , the type of paper loaded does not match the type specified in the printer driver.	You can continue to print, but note that this error may cause paper jams or problems in the printing results.

### PaprTypeMismatch

Cause	Corrective Action
When <b>Detect Mismatch</b> in the Control Panel menu is set to <b>Pause</b> , the type of paper loaded does not match the type specified in the printer driver.	<p>Follow these steps to ensure the paper type matches on the printer and in the printer driver.</p> <ol style="list-style-type: none"> <li>1. Press ▲ or ▼ to select <b>Stop Printing</b>, and then press the <b>OK</b> button.</li> <li>2. Change the paper type setting in the printer driver to the type loaded in the printer and try printing again.</li> </ol> <p>Follow these steps to ensure the paper type matches on the printer and in the printer driver.</p>

Cause	Corrective Action
When <b>Detect Mismatch</b> in the Control Panel menu is set to <b>Pause</b> , the type of paper loaded does not match the type specified in the printer driver.	<ol style="list-style-type: none"> <li>1. Press <b>▲</b> or <b>▼</b> to select <b>Change Paper</b>, and then press the <b>OK</b> button.</li> <li>2. Replace the loaded paper with paper of the type and size you have specified in the printer driver. (See "Loading and Printing on Rolls.") →P.18 (See "Loading and Printing on Sheets.") →P.20</li> </ol>
	Press <b>▲</b> or <b>▼</b> to select <b>Print</b> , and then press the <b>OK</b> button to resume printing. However, note that this error may cause paper jams and affect the printing quality.

**The paper is too small.**

Cause	Corrective Action
When <b>Detect Mismatch</b> in the Control Panel menu is set to <b>Pause</b> or <b>Hold Job</b> , paper smaller than the size specified in the printer driver is loaded.	<p>Press <b>▲</b> or <b>▼</b> to select <b>Print</b>, and then press the <b>OK</b> button to resume printing. However, note that this error may cause paper jams and affect the printing quality.</p> <p>Adjust the paper size setting in the printer driver to match the size loaded in the printer as follows.</p> <ol style="list-style-type: none"> <li>1. Press <b>▲</b> or <b>▼</b> to select <b>Stop Printing</b>, and then press the <b>OK</b> button.</li> <li>2. Change the paper size setting in the printer driver to the size loaded in the printer and try printing again.</li> </ol> <p>Replace the loaded paper with paper of a size that matches the size setting in the printer driver as follows.</p> <ol style="list-style-type: none"> <li>1. Press <b>▲</b> or <b>▼</b> to select <b>Change Paper</b>, and then press the <b>OK</b> button to stop printing.</li> <li>2. Replace the loaded paper to match the settings in the printer driver and try printing again. (See "Loading and Printing on Rolls.") →P.18 (See "Loading and Printing on Sheets.") →P.20</li> </ol>
When <b>Detect Mismatch</b> in the Control Panel menu is set to <b>Warning</b> , paper smaller than the size specified in the printer driver is loaded.	You can continue to print, but note that this error may cause problems in the printing results.

**The paper is too small.**

**"Replace paper with A4/LTR (vertical) or larger"**

Cause	Corrective Action
The loaded paper is too small. (When you have attempted to print a test print sheet or other printer status information.)	<p>Replace the paper with paper of A4/Letter (vertical) size or larger as follows.</p> <ol style="list-style-type: none"> <li>1. Press <b>▲</b> or <b>▼</b> to select <b>Change Paper</b>, press the <b>OK</b> button, and remove the paper. (See "Removing Sheets.") →P.357</li> <li>2. Switch to paper A4/Letter (vertical) or larger. (See "Loading and Printing on Sheets.") →P.20 The printer will resume printing.</li> </ol> <p>Press <b>▲</b> or <b>▼</b> to select <b>Stop Printing</b>, and then press the <b>OK</b> button.</p>

**PaprWidth Mismatch**

Cause	Corrective Action
When <b>Detect Mismatch</b> in the Control Panel menu is set to <b>Pause</b> or <b>Hold Job</b> , the width of the loaded roll does not match the width specified in <b>Fit Roll Paper Width</b> in the printer driver.	<p>Press <b>▲</b> or <b>▼</b> to select <b>Print</b>, and then press the <b>OK</b> button to resume printing. However, note that this error may cause paper jams and affect the printing quality.</p> <p>Press <b>▲</b> or <b>▼</b> to select <b>Stop Printing</b>, and then press the <b>OK</b> button.</p> <p>Follow these steps to replace the roll to match the width specified in the printer driver.</p>

Error Message

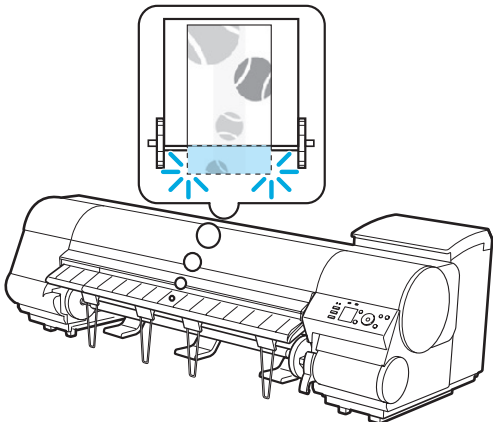
Messages regarding paper

Cause	Corrective Action
When <b>Detect Mismatch</b> in the Control Panel menu is set to <b>Pause</b> or <b>Hold Job</b> , the width of the loaded roll does not match the width specified in <b>Fit Roll Paper Width</b> in the printer driver.	<ol style="list-style-type: none"> <li>1. Press ▲ or ▼ to select <b>Change Paper</b>, and then press the <b>OK</b> button. (See "Removing the Roll from the Printer.") →P.338 (See "Removing the Roll Holder from Rolls.") →P.340</li> <li>2. Replace with paper of the width configured in the printer driver. (See "Attaching the Roll Holder to Rolls.") →P.330 (See "Loading Rolls in the Printer.") →P.333 The printer now starts printing the print job.</li> </ol> <p>Make sure the roll width selected in the dialog box displayed when you select <b>Fit Roll Paper Width</b> in the printer driver matches the width of the roll loaded in the printer, and then try printing again.</p>

**Paper size not detected.**

Cause	Corrective Action
Paper has been loaded askew, or warped paper has been loaded.	<p>Lift up the Release Lever and reload the paper. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353</p> <p>If "<b>Not finished printing. Finish printing remaining jobs?</b>" is displayed on the Display Screen, press the <b>OK</b> button. Printing will resume, starting from the page on which the error occurred.</p> <p>If this error recurs after you reload the roll, remove the Roll Holder from the printer, push the roll firmly in until it touches the Roll Holder flange, and reload the Roll Holder in the printer. (See "Attaching the Roll Holder to Rolls.") →P.330</p>
Because the Platen is soiled with ink or other substances, the size of the clear film cannot be detected.	<p>Open the Top Cover and clean the entire Platen. (See "Cleaning Inside the Top Cover.") →P.591</p>

**Insufficient paper for job**

Cause	Corrective Action
<p>The printer has received a print job longer than the amount of roll paper left when <b>ManageRemainRoll</b> in the Control Panel menu is <b>On</b>.</p> 	<p>Press ▲ or ▼ to select <b>Print</b>, and then press the <b>OK</b> button to resume printing. However, the roll paper may run out during the print job and you may not be able to print all of the document.</p> <p>Press ▲ or ▼ to select <b>Change Paper</b>, and then press the <b>OK</b> button to stop printing. (See "Removing the Roll from the Printer.") →P.338 (See "Loading Rolls in the Printer.") →P.333</p> <p>Press ▲ or ▼ and select <b>Stop Printing</b> or press the <b>Stop</b> button to stop printing.</p>



## This paper cannot be used as size is not supported.

Cause	Corrective Action
Paper that is too large for the printer has been loaded.	Lift the Release Lever and load paper of the correct size. (See "Paper Sizes.") →P.320
Paper that is too small for the printer has been loaded.	Lift the Release Lever and load paper of the correct size. (See "Paper Sizes.") →P.320
Paper has been loaded that is too small to print the test pattern for printhead adjustment or nozzle checking.	Lift the Release Lever and load unused paper A4/Letter (vertical) or larger. More than one sheet may be required depending on the adjustment.

## Roll printing is selected.

Cause	Corrective Action
You have attempted to print on a roll, but no roll is loaded.	Press ▲ or ▼ to select "Load Roll Paper", and then press the OK button. Load the roll, and then print. (See "Attaching the Roll Holder to Rolls.") →P.330 (See "Loading Rolls in the Printer.") →P.333
	Press ▲ or ▼ and select <b>Stop Printing</b> or press the <b>Stop</b> button to stop printing.

## Roll printing is selected, but sheets are loaded.

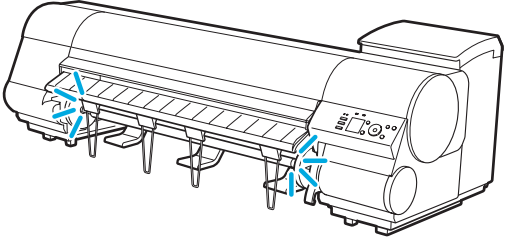
Cause	Corrective Action
A print job for rolls was received when a sheet is loaded.	Follow these steps to load and print on a roll. <b>1.</b> Press ▲ or ▼ to select <b>Eject Cut Sheet</b> , press the OK button, and remove the sheet. (See "Removing Sheets.") →P.357 <b>2.</b> Load a new roll. (See "Loading Rolls in the Printer.") →P.333 The printer now starts printing the print job.
	Press ▲ or ▼ to select <b>Stop Printing</b> , and then press the OK button.

## The roll is empty.

Cause	Corrective Action
The trailing edge of the paper was detected because cut sheets were loaded in the roll paper Paper Feed Slot.	Follow these steps to install the roll paper. <b>1.</b> Press the OK button and remove the paper. <b>2.</b> Load the new roll. (See "Attaching the Roll Holder to Rolls.") →P.330 (See "Loading Rolls in the Printer.") →P.333 <b>3.</b> If no barcode was printed on the roll, specify the type of paper. (See "Changing the Type of Paper.") →P.336 <b>4.</b> If no barcode was printed on the roll, specify the paper length. (See "Specifying the Paper Length.") →P.337 <b>5.</b> If "Not finished printing. Finish printing remaining jobs?" is shown on the Display Screen, press the OK button. Printing will resume, starting from the page on which the error occurred.

## "Lift the release lever and replace the roll."

Cause	Corrective Action
The roll is empty.	Follow these steps to replace the used roll with a new roll of the same type and size. <b>1.</b> Lift the Release Lever and remove the roll. (See "Removing the Roll from the Printer.") →P.338 (See "Removing the Roll Holder from Rolls.") →P.340 <b>2.</b> Load the new roll.

Cause	Corrective Action
	<p>(See "Attaching the Roll Holder to Rolls.") →P.330                      (See "Loading Rolls in the Printer.") →P.333</p> <ol style="list-style-type: none"> <li>If no barcode was printed on the roll, specify the type of paper. (See "Changing the Type of Paper.") →P.336</li> <li>If no barcode was printed on the roll, specify the paper length. (See "Specifying the Paper Length.") →P.337</li> <li>If "Not finished printing. Finish printing remaining jobs?" is shown on the Display Screen, press the <b>OK</b> button. Printing will resume, starting from the page on which the error occurred.</li> </ol>
<p>There is remaining roll paper, but because it could not be advanced, it could not be detected.</p>	<p>The unused portion of the roll is heavy, and this is placing a burden on the printer. It may be helpful to change the printing mode, which will change the paper feed timing. Choose a higher level of <b>Print Quality</b> in the <b>Advanced Settings</b> of the printer driver. (See "Giving Priority to Particular Graphic Elements and Colors for Printing.") →P.54</p>

**Sheet removed.**

Cause	Corrective Action
<p>A sheet has come out of the printer during printing.</p>	<ol style="list-style-type: none"> <li>Lift the Release Lever and remove the paper.</li> <li>If "Not finished printing. Finish printing remaining jobs?" is shown on the Display Screen, press the <b>OK</b> button. Printing will resume, starting from the page on which the error occurred.</li> </ol>

**Sheet printing is selected.**

Cause	Corrective Action
<p>You have attempted to print on a sheet, but no sheet is loaded.</p>	<p>Press ▲ or ▼ to select <b>Load Paper</b>, and then press the <b>OK</b> button. Load a sheet, and then print. (See "Loading and Printing on Sheets.") →P.20</p> <p>Press ▲ or ▼ and select <b>Stop Printing</b> or press the <b>Stop</b> button to stop printing.</p>

**Regular printing is selected, but a roll is loaded.**

Cause	Corrective Action
<p>A print job for printing on sheets was sent when a roll is loaded.</p>	<ol style="list-style-type: none"> <li>Press ▲ or ▼ to select <b>Remove Roll Paper</b>, and then press the <b>OK</b> button to stop printing.</li> <li>After removing the roll, load and print on a sheet of the type and size of paper you have specified in the printer driver. (See "Removing the Roll from the Printer.") →P.338 (See "Loading and Printing on Sheets.") →P.20</li> </ol> <p>Press ▲ or ▼ to select <b>Stop Printing</b>, and then press the <b>OK</b> button to stop printing.</p>
<p>You are using a roll with the Media Take-up Unit, but a print job requiring sheets was sent.</p>	<ol style="list-style-type: none"> <li>Press the <b>OK</b> button to stop printing.</li> <li>After removing the roll, load and print on a sheet of the type and size of paper you have specified in the printer driver. (See "Removing Printed Documents from the Media Take-up Unit (Optional).") →P.372 (See "Loading and Printing on Sheets.") →P.20</li> </ol>

## Paper jam.

### "Lift the release lever."

Cause	Corrective Action
A paper jam occurred in the printer during printing.	<ol style="list-style-type: none"> <li>Lift the Release Lever and remove the jammed paper. (See "Clearing Jammed Roll Paper.") →P.607 (See "Clearing a Jammed Sheet.") →P.610</li> <li>If "<b>Not finished printing. Finish printing remaining jobs?</b>" is shown on the Display Screen, press the <b>OK</b> button. Printing will resume, starting from the page on which the error occurred.</li> </ol>

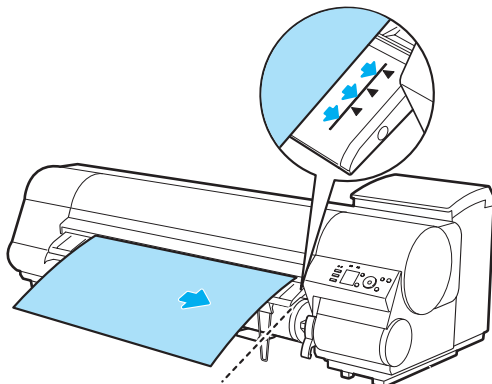
### "Manually rewind the roll all the way and press OK."

Cause	Corrective Action
A paper jam occurred when advancing the paper.	<ol style="list-style-type: none"> <li>Rewind paper on the Roll Holder manually, all the way, and then press the <b>OK</b> button.</li> <li>If "<b>Not finished printing. Finish printing remaining jobs?</b>" is shown on the Display Screen, press the <b>OK</b> button. Printing will resume, starting from the page on which the error occurred.</li> </ol>

### "Lift the release lever and remove the paper."

Cause	Corrective Action
A paper jam occurred in the printer during printing.	Lift the Release Lever and remove the jammed paper. (See "Clearing Jammed Roll Paper.") →P.607 (See "Clearing a Jammed Sheet.") →P.610

## Paper loaded askew.

Cause	Corrective Action
<p>Paper loaded crooked was detected when the paper was advanced.</p> 	<p>Lift up the Release Lever and reload the paper. (See "Loading Rolls in the Printer.") →P.333 (See "Loading Sheets in the Printer.") →P.353</p> <p>If this error recurs after you reload the roll, remove the Roll Holder from the printer, push the roll firmly in until it touches the Roll Holder flange, and reload the Roll Holder in the printer. (See "Attaching the Roll Holder to Rolls.") →P.330</p>



Important

- To disable this message (if it is displayed repeatedly despite reloading paper, for example), choose **Off** or **Loose** in the **Skew Check Lv.** setting of the printer menu. However, this may cause jams and printing problems because paper may be askew when printed. Also, the Platen may become soiled, which may soil the back of the next document when it is printed.

## Paper cutting failed.

Cause	Corrective Action
There are sheets left on the Ejection Guide.	<ol style="list-style-type: none"> <li>Lift the Release Lever and remove the paper.</li> <li>If "<b>Not finished printing. Finish printing remaining jobs?</b>" is shown on the Display Screen, press the <b>OK</b> button. Printing will resume, starting from the page on which the error occurred.</li> </ol>

Cause	Corrective Action
There is a foreign object by the Output Tray, obstructing the Cutter Unit.	<ol style="list-style-type: none"> <li>Lift the Top Cover and remove the foreign object.</li> <li>If "<b>Not finished printing. Finish printing remaining jobs?</b>" is shown on the Display Screen, press the <b>OK</b> button. Printing will resume, starting from the page on which the error occurred.</li> </ol>
You are not using the printer under the recommended environmental conditions for the paper.	Use the printer only where the recommended environmental conditions for the paper are met. Note that various environmental conditions are recommended for various types of paper. For details on the recommended environmental conditions for paper, see the <b>Paper Reference Guide</b> . (See " <b>Displaying the Paper Reference Guide.</b> ") →P.323
You are using paper that is not compatible with automatic cutting.	Specify <b>Manual</b> as the cutting method and cut the roll manually. (See " <b>Specifying the Cutting Method for Rolls.</b> ") →P.344 For information about paper that is compatible with automatic cutting, see the <b>Paper Reference Guide</b> . (See " <b>Displaying the Paper Reference Guide.</b> ") →P.323
The Cutter Unit stops in the middle of cutting.	If the Carriage is out, move the Carriage out of the way, away from the paper. If the Cutter is out, move the Cutter to the right side (away from the paper) and remove the jammed paper. (See " <b>Clearing Jammed Roll Paper.</b> ") →P.607 If the paper cannot be cut using the Cutter Unit, specify <b>Manual</b> as the roll cutting method and cut the roll manually. (See " <b>Specifying the Cutting Method for Rolls.</b> ") →P.344
In other cases, the Cutter Unit may be damaged.	Contact your Canon dealer for assistance.

## End of paper feed.

Cause	Corrective Action
Although an attempt was made to advance the paper manually, it reached the limit position that can be advanced.	Canceling manual advancing. (See " <b>Feeding Roll Paper Manually.</b> ") →P.341
Paper can be retracted only up to 17 mm (0.7 in) when using the Media Take-up Unit.	Canceling manual advancing.

## Rel lever is in wrong position.

Cause	Corrective Action
The Release Lever is up.	Lower the Release Lever. If the error occurs again, turn off the printer and wait a while before restoring power.

## Rewinding error.

Cause	Corrective Action
There is some foreign object near the Media Take-up Unit sensor and the roll cannot be detected.	Remove the foreign object near the sensor.
The roll is out of range of detection by the Media Take-up Unit sensor.	Reload the roll. Press the <b>OK</b> button to clear the error. (See " <b>Loading Rolls in the Printer.</b> ") →P.333 (See " <b>Loading the Rewind Spool on the Media Take-up Unit.</b> ") →P.367
A paper jam has occurred and the roll cannot be rewind.	Remove the paper from the Media Take-up Unit. Press the <b>OK</b> button to clear the error.
The Media Take-up Unit sensor is damaged.	Contact your Canon dealer for assistance.

\*1: Printing will stop momentarily if an error involving the Media Take-up Unit occurs. If you prefer printing not to stop, set **Skip Take-Up Err to On**. However, note that this error may cause paper jams and affect the printing quality.

## Media take-up unit ready.

Cause	Corrective Action
The <b>Take-up Reel</b> setting in the printer <b>Set./Adj. Menu</b> was changed from <b>Enable</b> to <b>Disable</b> , but a print job was received before the roll was removed.	Press <b>▲</b> or <b>▼</b> to select <b>Stop Printing</b> , and then press the <b>OK</b> button to stop printing.

Cause	Corrective Action
The <b>Take-up Reel</b> setting in the printer <b>Set./Adj. Menu</b> was changed from <b>Enable</b> to <b>Disable</b> , but a print job was received before the roll was removed.	The mode switches from take-up mode to regular mode after you change the <b>Take-up Reel</b> setting in the <b>Set./Adj. Menu</b> from <b>Enable</b> to <b>Disable</b> and lift the Release Lever to remove a roll, or after you execute <b>Paper Cutting</b> .  Press <b>▲</b> or <b>▼</b> to select <b>Print</b> , and then press the <b>OK</b> button to resume printing.

**Turn on the media take-up unit.**

Cause	Corrective Action
The <b>Take-up Reel</b> setting in the control panel menu was changed to <b>Enable</b> while the power to the <b>Take-up Reel</b> was off and the <b>Roll Media lamp</b> on the control panel was lit.	Turn the Media Take-up Unit on.  The <b>Take-up Reel</b> setting in the control panel menu changes to <b>Disable</b> .

**Borderless printing not possible.**

Cause	Corrective Action
The print job received specifies a type or width of paper that is not compatible with borderless printing.	Follow these steps to change the settings of the print job to enable borderless printing.  <ol style="list-style-type: none"> <li>1. Press <b>▲</b> or <b>▼</b> to select <b>Stop Printing</b>, and then press the <b>OK</b> button.</li> <li>2. Make sure the correct printer driver for the printer is selected and try printing again. For information on types of paper compatible with borderless printing, refer to the <b>Paper Reference Guide</b>. (See "Displaying the Paper Reference Guide.") →P.323</li> </ol> Press <b>▲</b> or <b>▼</b> to select <b>Print With Border</b> , and then press the <b>OK</b> button to continue printing. The document will be printed with a border.
The loaded paper is a size not compatible with borderless printing.	Press <b>▲</b> or <b>▼</b> to select <b>Stop Printing</b> , and then press the <b>OK</b> button.  Replace the paper with paper compatible for borderless printing as follows.  <ol style="list-style-type: none"> <li>1. Press <b>▲</b> or <b>▼</b> to select <b>Change Paper</b>, and then press the <b>OK</b> button. (See "Removing the Roll from the Printer.") →P.338 (See "Removing the Roll Holder from Rolls.") →P.340</li> <li>2. Replace the paper with paper compatible for borderless printing. (See "Attaching the Roll Holder to Rolls.") →P.330 (See "Loading Rolls in the Printer.") →P.333 The printer now starts printing the print job. For information on types of paper compatible with borderless printing, refer to the <b>Paper Reference Guide</b>. (See "Displaying the Paper Reference Guide.") →P.323</li> </ol> Press <b>▲</b> or <b>▼</b> to select <b>Print With Border</b> , and then press the <b>OK</b> button to continue printing. The document will be printed with a border.
Because paper expands or contracts depending on the environment of use, it may become narrower or wider than the supported width for borderless printing.	Use each type of paper only where the recommended environmental conditions are met. For details on environmental conditions for various paper, see the <b>Paper Reference Guide</b> . (See "Displaying the Paper Reference Guide.") →P.323

**Paper position not suitable for borderless printing.**

Cause	Corrective Action
Because paper expands or contracts depending on the environment of use, it may become narrower or wider than the supported width for borderless printing.	Press <b>▲</b> or <b>▼</b> to select <b>Stop Printing</b> , and then press the <b>OK</b> button. Use each type of paper only where the recommended environmental conditions are met. For details on environmental conditions for various paper, see the <b>Paper Reference Guide</b> . (See "Displaying the Paper Reference Guide.") →P.323
The paper is loaded askew.	Press <b>▲</b> or <b>▼</b> to select <b>Change Paper</b> and straighten the paper so that the edges are between the ink grooves for borderless printing. Insert the roll firmly until it touches the flange of the Roll Holder.

Cause	Corrective Action
The paper is loaded askew.	(See "Attaching the Roll Holder to Rolls.") →P330
	Press ▲ or ▼ to select <b>Print With Border</b> , and then press the <b>OK</b> button to continue printing. The document will be printed with a border.
	Press ▲ or ▼ to select <b>Stop Printing</b> , and then press the <b>OK</b> button.

# Messages regarding ink

- Ink insufficient. .... 649
- No ink left. .... 649
- Remaining level of the ink cannot be correctly detected. Check ink tank. .... 649
- Close Ink Tank Cover ..... 649
- Ink tank is empty. .... 649
- Not much ink is left. .... 650
- No ink tank loaded. .... 650
- The following ink tanks cannot be recognized. .... 650
- Wrong ink tank. .... 650

## Ink insufficient.

Cause	Corrective Action
The ink level is low, so you cannot print, clean the Printhead, or do other operations that require ink. There is not enough ink of the color with ✕ displayed above the remaining ink indicator.	Press the <b>OK</b> button, open the Ink Tank Cover, and replace the Ink Tank for the color that does not have enough ink. (See "Replacing Ink Tanks.") →P.566

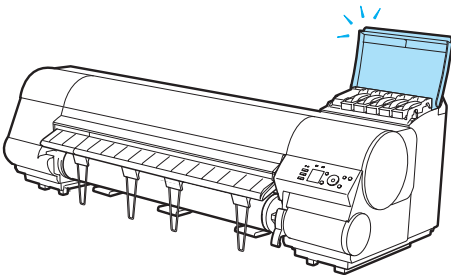
## No ink left.

Cause	Corrective Action
There is no ink left. There are no ink colors with ✕ displayed above the remaining ink indicator.	Press the <b>OK</b> button, open the Ink Tank Cover, and replace the Ink Tank for the color that is out of ink. (See "Replacing Ink Tanks.") →P.566

## Remaining level of the ink cannot be correctly detected. Check ink tank.

Cause	Corrective Action
Ink level detection cannot work correctly if you use refill ink tanks.	The refill ink tank can no longer be used. See the section <b>Ink level detection</b> and take the appropriate action. (See "Ink Level Detection.") →P.633

## Close Ink Tank Cover

Cause	Corrective Action
The Ink Tank Cover is open. 	Close the Ink Tank Cover.

## Ink tank is empty.

Cause	Corrective Action
There is no ink left in an ink tank. There are no ink colors with ✕ displayed above the remaining ink indicator in the Ink tab top screen. (See "Checking Ink Tank Levels.") →P.575	Open the Ink Tank Cover, and replace the Ink Tank for the color that is out of ink. (See "Replacing Ink Tanks.") →P.566

**Not much ink is left.**

Cause	Corrective Action
Not much ink is left.	Prepare a new Ink Tank. We recommend replacing the Ink Tank with a new Ink Tank at this point if you plan to print large-format or high-quantity jobs.

**No ink tank loaded.**

Cause	Corrective Action
There is no Ink Tank of the indicated color in the printer.	Load or reload the Ink Tank. (See "Replacing Ink Tanks.") →P.566
There is a problem with the Ink Tank.	Replace it with a new Ink Tank. (See "Replacing Ink Tanks.") →P.566

**The following ink tanks cannot be recognized.**

Cause	Corrective Action
An Ink Tank that is incompatible with the printer is loaded.	Load an Ink Tank that is compatible with the printer. (See "Replacing Ink Tanks.") →P.566

**Wrong ink tank.**

Cause	Corrective Action
The Ink Tank in the printer is incompatible.	Load an Ink Tank specified for use with the printer. (See "Replacing Ink Tanks.") →P.566



## Messages regarding printing or adjustment

Cannot print as specified. ....	651
Cannot adjust printhead. ....	652
Borderless printing not possible. Paper stretched or shrank. ....	651
Before borderless printing, move the blue platen switch. ....	651
Borderless printing not possible. ....	647
Blue platen switch is dirty. ....	651
Move the blue platen switch No.xx to the right. (xx represents a number) ....	651
Check printed document. ....	651

### Cannot print as specified.

#### "Lift the release lever and replace paper with A4/LTR (vertical) or larger."

Cause	Corrective Action
The loaded paper is too small.	Switch to paper A4/Letter (vertical) or larger.

#### "Lift the release lever and replace roll with 10 in. wide or larger roll."

Cause	Corrective Action
The loaded paper is too small.	Load a roll 10 inches wide or larger.

### Borderless printing not possible. Paper stretched or shrank.

Cause	Corrective Action
The loaded roll has expanded or contracted due to environmental conditions, making it wider or narrower than the supported width for borderless printing.	<p>Press the <b>OK</b> button to stop printing.</p> <p>Use each type of paper only where the recommended environmental conditions are met. For details on environmental conditions for various paper, see the <b>Paper Reference Guide</b>. (See "Displaying the Paper Reference Guide.") →P.323</p>

### Before borderless printing, move the blue platen switch.

Cause	Corrective Action
The blue Switch on the platen was set to the side opposite ● when a borderless print job was received.	Before borderless printing, set the blue Switch on the platen to the ● side. (See "Setting the Blue Switch on the Platen.") →P.623

### Blue platen switch is dirty.

Cause	Corrective Action
The blue Switch on the platen is dirty.	Open the Top Cover and clean the blue Switch on the platen. (See "Cleaning Inside the Top Cover.") →P.591

### Move the blue platen switch No.xx to the right. (xx represents a number)

Cause	Corrective Action
The printer has detected that the blue Switch on the platen needed in maintenance during printing is set away from the ● mark.	Set blue platen Switch of the indicated number toward the ● side. (See "Setting the Blue Switch on the Platen.") →P.623

### Check printed document.

Cause	Corrective Action
The Printhead nozzles are becoming clogged.	If printing is faint, clean the Printhead. (See "Cleaning the Printhead.") →P.578

## Messages regarding printheads

Cannot adjust printhead. ....	652
Wrong printhead. ....	652
Printhead error .....	652
Cannot recognize print head. ....	652
Execute printhead cleaning. ....	653

### Cannot adjust printhead.

Cause	Corrective Action
The Printhead nozzles are clogged.	Execute <b>Head Posi. Adj.</b> again, as follows. <ol style="list-style-type: none"> <li>1. Press the <b>OK</b> button to clear the error.</li> <li>2. Print a test pattern to check the nozzles. (See "Checking for Nozzle Clogging.") →P.577</li> <li>3. Clean the Printhead if the nozzles are clogged. (See "Cleaning the Printhead.") →P.578</li> <li>4. Execute <b>Head Posi. Adj.</b> again. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550</li> </ol>
The Printhead cannot be aligned; highly transparent film is loaded.	Press the <b>OK</b> button to clear the error. We recommend using a type of paper that you often use, other than film, for Printhead adjustment. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550
The Printhead is installed crooked.	Straighten the Printhead as follows, and then execute <b>Head Posi. Adj.</b> again. <ol style="list-style-type: none"> <li>1. Press the <b>OK</b> button to clear the error.</li> <li>2. Use <b>Head Inc. Adj.</b> to adjust the angle of inclination of the Printhead. (See "Adjusting Line Misalignment.") →P.554</li> <li>3. Execute <b>Head Posi. Adj.</b> again. (See "Automatic Adjustment to Straighten Lines and Colors.") →P.550</li> </ol>

### Wrong printhead.

Cause	Corrective Action
An incompatible Printhead has been installed.	Open the Top Cover and replace the Printhead with a new one. (See "Replacing the Printhead.") →P.579

### Printhead error

Cause	Corrective Action
There is a problem with the Printhead.	Open the Top Cover and replace the Printhead with a new one. (See "Replacing the Printhead.") →P.579

### Cannot recognize print head.

Cause	Corrective Action
No Printhead is installed.	Follow these steps to install the Printhead. <ol style="list-style-type: none"> <li>1. Open the Top Cover.</li> <li>2. Install the Printhead. (See "Replacing the Printhead.") →P.579</li> </ol>
The Printhead cannot be recognized because it is not installed correctly.	Follow these steps to reinstall the Printhead. <ol style="list-style-type: none"> <li>1. Open the Top Cover.</li> <li>2. Reinstall the Printhead. (See "Replacing the Printhead.") →P.579</li> </ol>

## Execute printhead cleaning.

Cause	Corrective Action
<p>The Printhead nozzles are clogged.</p>	<p>Follow these steps to clean the Printhead.</p> <ol style="list-style-type: none"> <li>1. Stop printing by pressing ▲ or ▼ to select <b>Stop Printing</b>.</li> <li>2. Clean the Printhead. (See "Cleaning the Printhead.") →P.578</li> </ol> <p>If the message is still displayed when printing, replace the Printhead. (See "Replacing the Printhead.") →P.579</p> <p>Press ▲ or ▼ to select <b>Print</b>, and then press the <b>OK</b> button to resume printing. However, note that this error may affect the printing quality.</p>

## Messages regarding the maintenance cartridge

Insert the maintenance cartridge. ....	654
Wrong maintenance cartridge. ....	654
Maint. cart. The level is low .....	654
No Maintenance Cartridge capacity. ....	654
Maintenance cartridge full. ....	654
Maintenance cartridge problem. ....	654

### Insert the maintenance cartridge.

Cause	Corrective Action
The Maintenance Cartridge is not installed.	Install the Maintenance Cartridge. (See "Replacing the Maintenance Cartridge.") →P.585

### Wrong maintenance cartridge.

Cause	Corrective Action
A Maintenance Cartridge for a different model of printer is installed.	Replace it with the Maintenance Cartridge for your particular model. (See "Maintenance Cartridge.") →P.585

### Maint. cart. The level is low

Cause	Corrective Action
The Maintenance Cartridge is almost full.	You can continue to print, but prepare a new Maintenance Cartridge to use when the message for replacement is displayed.

### No Maintenance Cartridge capacity.

Cause	Corrective Action
The Maintenance Cartridge cannot absorb enough ink for Printhead cleaning or other operation.	After confirming that the printer has stopped operating, replace the Maintenance Cartridge. (See "Replacing the Maintenance Cartridge.") →P.585

### Maintenance cartridge full.

Cause	Corrective Action
The Maintenance Cartridge is full.	After confirming that the printer has stopped operating, replace the Maintenance Cartridge. (See "Replacing the Maintenance Cartridge.") →P.585

### Maintenance cartridge problem.

Cause	Corrective Action
An incompatible or used Maintenance Cartridge has been installed.	Install an unused Maintenance Cartridge specified for use with the printer. (See "Replacing the Maintenance Cartridge.") →P.585

# Messages regarding the hard disk

Hard disk error. ....	655
File read error. ....	655
The mail box is full. ....	655
Mail box full. Now printing without saving data. ....	655
Mail box nearly full. ....	655
Maximum jobs stored. ....	655
Mail box full. Delete unwanted data ....	655

## Hard disk error.

Cause	Corrective Action
The format of the printer's hard disk is invalid.	Press the <b>OK</b> button to start reformatting the hard disk. When formatting is finished, data on the printer hard disk is erased and the printer automatically restarts.

## File read error.

Cause	Corrective Action
Files on the printer's hard disk have become corrupted.	Restart the printer. Only the corrupted files will be deleted, and the printer will restart.

## The mail box is full.

Cause	Corrective Action
There is no more space on the printer's hard disk.	Press the <b>Stop</b> button and stop printing.
	Delete print jobs from the queue. (See "Managing the Job Queue (Deleting or Preempting Other Jobs).") →P.517
	Delete unneeded jobs stored in personal boxes. (See "Deleting Saved Jobs.") →P.525

## Mail box full. Now printing without saving data.

Cause	Corrective Action
No more space is available on the printer's hard disk, so jobs are now printed without saving them. (Print jobs can no longer be saved on the hard disk.)	After printing, this message is cleared.

## Mail box nearly full.

Cause	Corrective Action
The free hard disk space left for Personal Boxes in the printer's hard disk does not have more than 1 GB, combined.	Delete unneeded jobs stored in Personal Boxes. (See "Deleting Saved Jobs.") →P.525

## Maximum jobs stored.

Cause	Corrective Action
100 jobs are stored in the personal box.	Delete unneeded jobs stored in personal boxes. (See "Deleting Saved Jobs.") →P.525

## Mail box full. Delete unwanted data

Cause	Corrective Action
100 jobs are stored in the Personal Box.	Press the <b>Stop</b> button and stop printing.
	Delete print jobs from the queue. (See "Managing the Job Queue (Deleting or Preempting Other Jobs).") →P.517
	Delete unneeded jobs stored in personal boxes. (See "Deleting Saved Jobs.") →P.525

## Messages regarding HP-GL/2

This type of paper is not compatible with HP-GL/2. ....	656
GL2: Wxxxx The memory is full. (xxxx is 0501, 0903, or 0904) .....	656
GL2: W0502 The parameter is out of range. ....	656
GL2: W0504 This command is not supported. ....	656

### This type of paper is not compatible with HP-GL/2.

Cause	Corrective Action
The printer has received a HP-GL/2 print job that cannot be printed on the paper that has been advanced.	<p>Follow these steps to replace the type of paper in the printer.</p> <ol style="list-style-type: none"> <li>1. Press ▲ or ▼ to select <b>Change Paper</b>, and then press the <b>OK</b> button.</li> <li>2. Replace the paper with a type compatible with HP-GL/2. For details on paper compatible with HP-GL/2, refer to the <b>Paper Reference Guide</b>. (See "Displaying the Paper Reference Guide.") → P.323</li> </ol> <p>Press ▲ or ▼ to select <b>Stop Printing</b>, and then press the <b>OK</b> button.</p> <p>Press ▲ or ▼ to select <b>Print</b>, and then press the <b>OK</b> button to resume printing. However, note that this error may cause paper jams and affect the printing quality.</p>

### GL2: Wxxxx The memory is full. (xxxx is 0501, 0903, or 0904)

Cause	Corrective Action
The printer memory is full.	<p>Because the entire print job could not be received, the printer may not be able to print the entire original. Check the printing results.</p> <p>In the Control Panel menu, setting <b>On-the-Fly</b> to <b>On</b> may enable printing. However, check the printing results because the image may be incomplete in some cases.</p>

### GL2: W0502 The parameter is out of range.

Cause	Corrective Action
A parameter specified in a HP-GL/2 command is out of the supported range.	<p>Check the print job.</p> <p>If you have specified <b>ProcessingOption &gt; Warning &gt; On</b> in the Control Panel menu, set it to <b>Off</b> instead.</p>

### GL2: W0504 This command is not supported.

Cause	Corrective Action
The printer has received an unsupported HP-GL/2 command.	<p>Check the print job.</p> <p>If you have specified <b>ProcessingOption &gt; Warning &gt; On</b> in the Control Panel menu, set it to <b>Off</b> instead.</p>

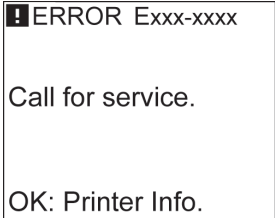
## Other Messages

GARO Wxxxx (x represents a number) .....	657
ERROR Exxx-xxxx (x represents a letter or number) .....	657
Hardware error. xxxxxxxx-xxxx (x represents a letter or number) .....	657
Top cover is open. ....	657
Prepare for parts replacement. ....	658
Parts replacement time has passed. ....	658
Unknown file. ....	658
Multi-sensor error .....	658

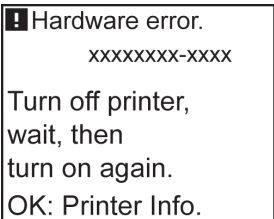
### GARO Wxxxx (x represents a number)

Cause	Corrective Action
There is a problem with the print job.	Try printing again, using the correct printer driver.
	It is also possible to continue printing in this state. However, you may not be able to obtain the desired printing results.

### ERROR Exxx-xxxx (x represents a letter or number)

Cause	Corrective Action
An error requiring service may have occurred. 	Write down the error code and message, turn off the printer, and contact your Canon dealer for assistance.

### Hardware error. xxxxxxxx-xxxx (x represents a letter or number)

Cause	Corrective Action
The last portion of roll paper was used during a print job. The paper was not advanced because the trailing edge is taped to the roll.	Turn off the printer and remove the roll from the printer before restoring power.
Fastening tape or the Belt Stopper has not been removed inside the Top Cover.	Turn off the printer, open the Top Cover and remove the tape or the Belt Stopper before restoring power.
An error requiring service may have occurred. 	Turn off the printer and wait at least three seconds before restoring the power. If the message is displayed again, write down the error code and message, turn off the printer, and contact your Canon dealer for assistance.

### Top cover is open.

Cause	Corrective Action
The printer has detected that the Top Cover is open.	Open the Top Cover fully, remove any foreign objects, and close the Top Cover again.
	If the error occurs again, close the Top Cover, turn off the printer, and wait a while before restoring power.

## Prepare for parts replacement.

Cause	Corrective Action
It is almost time to replace consumables for which service is required.	You can continue to use the printer for some time until " <b>Parts replacement time has passed.</b> " will be displayed. Contact your Canon dealer for assistance.

## Parts replacement time has passed.

Cause	Corrective Action
It is past the recommended time to replace consumables for which service is required.	Contact your Canon dealer for assistance.

## Unknown file.

Cause	Corrective Action
Data sent to keep the printer up to date (such as paper information) is in the wrong format.	Check the data. Turn off the printer and wait a while before restoring power, and then resend the data.
You have uploaded firmware for a different model.	Check the firmware version. Turn off the printer and wait a while before restoring power, and then resend the firmware. If the message is displayed again, contact your Canon dealer for assistance.

## Multi-sensor error

Cause	Corrective Action
Direct sunlight or strong lighting may be shining on the printer and causing the sensor to malfunction.	Take steps to ensure the printer is not used when exposed to direct sunlight or strong lighting.
The performance of a sensor inside the printer may be impaired.	Turn off the printer and wait at least three seconds before restoring the power. If the message is displayed again, contact your Canon dealer for assistance.



Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637

## Specifications


Printer Specifications .....	660
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Appendix	663
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# Printer Specifications

Specifications ..... 660  
 Print Area ..... 661

## Specifications

 • The following values may vary depending on the operating environment.

### Printer

Power supply	100–240 V AC (50/60 Hz)		
Power consumption	During operation	190 W max.	
	Sleep mode	5 W max.	
	Off	0.5 W max. (*1)	
Operating noise (*2)	Sound pressure level	During operation	Approx. 52 dB (A)
		Standby	35 dB (A) max.
	Audio power level (during operation)		Approx. 6.8 bels
Operating environment	Temperature	15–30°C (59–86°F)	
	Humidity	10–80%, non-condensing	
Dimensions (W × D × H)	Printer and Stand (When the Output Stacker is used)	1,893×975×1,144 mm (74.5×38.4×45.0 in)	
Weight	Main unit and Stand(including Roll Holder. Does not include Printhead and Ink Tank.)	Approx. 138 kg (304.2 lb)	
Space for installation (W × D × H)(*3)	Printer and Stand	2,293×1,675×1,518 mm (90.27×65.94×59.76 in)	
Environmental Standards	International Energy Star Program, Eco Mark (Japan), Law on Promoting Green Purchasing/GPN (Japan), RoHS, EPEAT (Silver) technical compliance		

\*1: The printer uses a trace amount of power even when turned off. To stop all power consumption, turn off the printer and unplug the power cord.

\*2: Calculation based on ISO 7779. Operating conditions: On the **Main** sheet of the printer driver, **Media Type** > Plain Paper, **Advanced Settings** > **Print Priority** > **Line Drawing/Text**, and **Print Quality** > **Standard**.

\*3: These are the recommended dimensions taking the workspace into account. It is recommended that you ensure these dimensions so that you can work in the surrounding areas when using the Printer.

### Printing performance

Print method	Bubblejet
Maximum resolution	2400 dpi horizontally (*1) × 1200 dpi vertically
Printhead	PF-04
Number of nozzles	MBK: 5120; Others: 2560 each color

\*1: Prints with a minimum 1/2400 inch dot pitch between ink droplets.

### Memory and hard disk

Memory	32 GB (640 MB physical memory)	
Hard disk capacity	320 GB	
	Personal mail boxes (Permanent storage area)	180 GB
Print job storage capacity	Common Box	100 jobs

Print job storage capacity	Personal Boxes	100 jobs
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## Interface

USB	Format	Internal port
	Mode	Full-speed (12 Mbps), high-speed (480 Mbps), bulk transfer
	Connector	Series B (4-pin)
Ethernet	Format	Internal port
	Specification	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX/Auto-Negotiation, IEEE 802.3ab 1000Base-T/Auto-Negotiation, IEEE 802.3x Full Duplex IEEE 802.3az EEE
	Protocols	SNMP (supports Canon-MIB), HTTP, TCP/IP (IPv4/IPv6)

## Ink

For information on the ink the printer supports, see "Ink Tanks." →P.566

## Paper

For information on the types of paper the printer supports, refer to the **Paper Reference Guide**. (See "Displaying the Paper Reference Guide." →P.323)

Paper width	For information on the paper widths the printer supports, see "Paper Sizes." →P.320	
Minimum paper length	Rolls	203 mm (8.0 in)
	Sheets	
Maximum printable length (*1)	Rolls	18 m (19.7 yd)
	Sheets	1,600 mm (63.0 in)
Thickness	Rolls	0.07–0.8 mm (0.0028–0.031 in)
	Sheets	0.07–0.8 mm (0.0028–0.031 in)
Roll maximum outer diameter	150 mm (6 in) or shorter	
Supported paper core inner diameter	2 inches / 3 inches	
Print area	For details, see "Print Area." →P.661	

\*1:Varies depending on the operating system or application.

## Optional

Roll Holder Set	Roll Holder Set RH2-44
Wheeled Output Stacker	Wheeled Output Stacker BU-03
Media Take-up Unit	Media Take-up Unit TU-06

## Print Area

A margin required by the printer is added with respect to the size of paper loaded in the printer. Except in borderless printing, the actual printing area corresponds to the paper size minus the space for this margin.



Note

- Printable Area: The area that can be printed.
- There is no margin (that is, a margin of 0 mm) during borderless printing on rolls.
- Recommended Print Area: We recommend printing within this area.
- To print so that your original matches the print area exactly, use an oversized paper size that includes the required margin. (See "Printing on Oversize Paper." →P.71)

	Margins of Printable Area			Margins of Recommended Print Area		
	Top Edge	Bottom Edge	Sides	Top Edge	Bottom Edge	Sides
Sheets	3 mm (0.12 in)	23 mm (0.91 in)	3 mm (0.12 in)	20 mm (0.79 in)	23 mm (0.91 in)	5 mm (0.20 in)

	Margins of Printable Area			Margins of Recommended Print Area		
	Top Edge	Bottom Edge	Sides	Top Edge	Bottom Edge	Sides
Rolls	0/3 mm (0/0.12 in)	0/3 mm (0/0.12 in)	0/3 mm (0/0.12 in)	20 mm (0.79 in)	5 mm (0.20 in)	5 mm (0.20 in)

Sheets



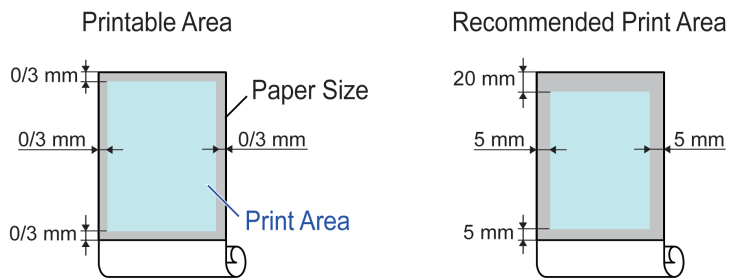
• Printable Area

a margin of 3 mm (0.12 in) on top, 23 mm (0.91 in) on bottom, and 3 mm (0.12 in) on left and right sides is required.

• Recommended Print Area

A margin of 20 mm (0.79 in) on top, 23 mm (0.91 in) on bottom, and 5 mm (0.20 in) on left and right sides is required.

Rolls



• Printable Area

A margin of 3 mm (0.12 in) on all sides is required. During borderless printing, the margin on all sides is 0 mm. For information on paper compatible with borderless printing, see the **Paper Reference Guide**. (See "Types of Paper.") →P.320

• Recommended Print Area

A margin of 20 mm (0.79 in) on top, 5 mm (0.20 in) on bottom, and 5 mm (0.20 in) on left and right sides is required.

Basic Printing Workflow	15
Enhanced Printing Options	29
Windows Software	145
Mac OS Software	255
Handling and Use of Paper	319
Control Panel	421
Printer Parts	461
Network Setting	475
Print Job Management	495
Adjustments for Better Print Quality	549
Maintenance and Consumables	565
Troubleshooting	605
Error Message	637
Specifications	659

## Appendix

▲ Safety Precautions .....	664
Manuals for this printer .....	668
Disposal of the product .....	670


# Safety Precautions


Safety Precautions ..... 664  
 Legal Notices ..... 666

## Safety Precautions

Follow the warnings and precautions below to use the printer safely. Do not perform any operations or procedures other than as described in this manual. Doing so may result in unexpected accidents and can cause a fire or electrical shocks.

### Printer location

 **Warning** • Do not set up the printer in any location exposed to alcohol, thinner, or other volatile liquids. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

 **Caution** • Never install the printer on an unstable or vibrating surface. If it falls over, this could cause personal injury.


• Never set up the printer in a location that is exposed to high humidity or large amounts of dust, or exposed to direct sunlight, high temperature, or open flame. This could cause a fire or electrical shock. Use the printer location in an environment where temperature and humidity are within the ranges of 15 °C to 30 °C (59 °F to 86 °F) and 10 to 80% RH (with no condensation).

• Never place the printer on a heavy wool or shag carpet. The fibers may enter the printer and cause a fire.

• Keep the area around the power outlet clear of items so that you can disconnect the power cable immediately if the printer starts operating abnormally. In the event of a printer malfunction, remove the power cable from the outlet as soon as possible to prevent fire and electrical shocks.

• Do not install the printer near sources of strong electromagnetic fields, whether equipment that generates such fields or places where such fields occur. This could damage the printer or cause malfunction.

### Power Supply

 **Warning** • Never handle the power cable with wet hands. Doing so may cause electrical shock.

• Insert the power cable securely and completely into the power source. If the power cable is not inserted completely, this could cause a fire or electrical shock.


• Do not use any power cable other than the one provided. This could cause a fire or electrical shock. Never use the power cable with any other electrical device.

• Never cut the power cable or attempt to modify it, and never stretch it or bend it forcefully. Never place a heavy object on the power cable. Damaged sections of the power cable could cause a short circuit and may cause a fire or electrical shock.

• Never connect the power cable to a power strip or any power source shared by other electrical devices. This could cause a fire or electrical shock.

• Never knot the power cable or wrap it around itself. This could cause a fire or electrical shock.

• Periodically disconnect the power cable and use a dry cloth to wipe away dust that has collected on the plug and the area around the power outlet. Leaving the power cable plugged in and not cleaned for a long period, especially in an area subject to dust, oil, and humidity, could cause the insulation material to deteriorate and lead to a fire.

 **Caution** • Always grip the plug to remove the power cable from the power outlet. Pulling on the power cable could damage the cable and lead to a fire or electrical shock.

• Never use an extension cord. This could cause a fire or electrical shock.

• Never use any power source other than 100–120 / 220–240 V AC. This could cause a fire or electrical shock. The printer operating conditions are described below. Use the printer under the following conditions.  
 Power supply voltage: 100–120 / 220–240 V AC  
 Power supply frequency: 50/60 Hz

## In an Emergency



Warning

- If the printer emits smoke or strange odors, continuing to use the printer may cause a fire or electrical shock. Switch the printer off immediately and remove the power plug from the power outlet. Contact your Canon dealer or support center.

## Cleaning the Printer



Warning

- For cleaning, use a cloth dampened in water. Never use flammable solvents such as alcohol, benzene, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.



Caution

- Always disconnect the power cable from the outlet before cleaning the printer. If the printer is switched on accidentally, moving parts inside the printer may cause personal injuries.

## Pacemakers



Warning

- This printer generates a low-level magnetic field. Anyone wearing a pacemaker who experiences discomfort while working around the printer should leave the area. Consult a physician before continuing to work around the printer.

## Moving the Printer



Caution

- Moving the printer requires at least six people, holding it on both sides. Be careful to avoid back strain and other injuries.
- When moving the printer, firmly grasp the Carrying Handles under each side. The printer may be unsteady if you hold it at other positions, which poses a risk of injury from dropping the printer.

## Printhead, Ink Tanks, and Maintenance Cartridge



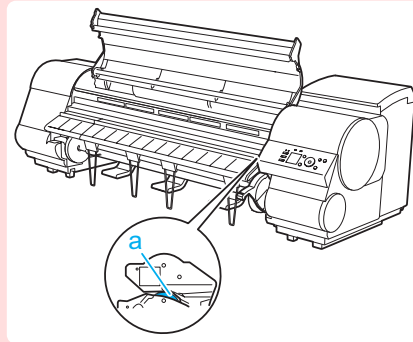
Caution

- Always store consumables in a safe location out of the reach of small children. If a child licks or ingests ink accidentally, seek medical assistance immediately.
- If ink accidentally gets in your eyes, immediately rinse with water.  
If ink gets on your skin, immediately clean it off with soap and water.  
If irritation persists in your eyes or on your skin, contact a physician immediately.
- Avoid dropping or shaking printheads, ink tanks, and maintenance cartridges. Spilled ink can stain clothing and the work area.
- Never touch the electrical contacts of the Printhead after printing. The contacts become extremely hot and can cause minor burns.

Other



- Never disassemble the printer or attempt repairs. There are high voltage parts inside the printer that can cause a fire or electrical shock.
- Never use flammable sprays around the printer. The gas of flammable sprays can cause a fire or electrical shock, if it contacts high voltage points inside the printer.
- Never touch the cutting edge of Cutter Unit (a). This could cause personal injury.



- Never insert your hand into the printer while it is printing. Moving parts inside the printer can cause injuries.
- Never place anything on the printer such as small metal objects (paper clips, staples), liquids, any type of liquid container that contains flammable liquids (alcohol, benzene, etc.). If such objects fall into the printer, this could cause a fire or electrical shock.
- To prevent a fire hazard or dangerous electric shock, if a foreign object falls into or a liquid spills into the printer, press the Power button immediately to switch the printer off, unplug the printer power cable from the outlet, and then contact your Canon dealer or support center. If you continue to use the printer, this could cause a fire or electrical shock.



- Connect the interface cable correctly. To avoid damage, before connection make sure that the shape of the cable connector matches the connection point on the printer.
- During printing, turn on the ventilation system in the room.
- We recommend ensuring ample space for installation.

Legal Notices

FCC Regulations (U.S.A)

Canon Large Format Printer	iPF830
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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of FCC Rules.



Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.  
Canon U.S.A. Inc.  
One Canon Park Melville, NY 11747 , U.S.A.  
Tel No. 1-800-652-2666

### For CA, USA Only

Included battery contains Perchlorate Material - special handling may apply.  
See <http://www.dtsc.ca.gov/hazardouswaste/perchlorate/> for detail.

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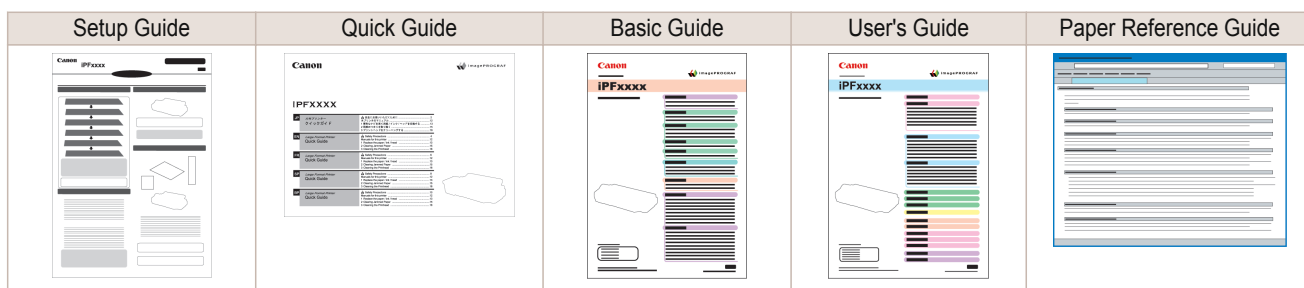
# Manuals for this printer

Manuals for this printer ..... 668  
 About This User Manual ..... 668

## Manuals for this printer

This printer has the following manuals.

Name	Contents	Medium
Setup Guide	Instructions for unpacking and setting up the printer, and for installing the software and electronic manuals.	Printed Manuals
Quick Guide	Contains information such as a guide to exchanging paper, Ink Tank, and Printhead, and cautions for using the product safely.	
Basic Guide	Descriptions of basic printer operations.	Electronic manuals
User's Guide	Detailed instructions for using the printer.	
Paper Reference Guide	This guide describes about the types and specifications of the available media on the printer.	



## About This User Manual

### • Symbols

The following symbols are used in this user manual to indicate safety information and explanations on restrictions or precautions in use.

	Warning	Indicates warning items for which operating error poses a risk of death or serious injury. To ensure safe use, always follow these warnings.
	Caution	Indicates caution items for which operating error poses a risk of injury. To ensure safe use, always follow these cautions.
	Important	Indicates important information and restrictions that definitely are to be followed during operation. Be sure to read this information to prevent troubles, malfunctions, or damage to equipment or property by operating errors.
	Note	Indicates helpful reference information and supplemental information on particular topics.

### • Button names and user interface elements

Key and button names on the control panel and user interface elements in software (such as menus and buttons) are indicated as follows in this user manual.

Control panel buttons	Example: Press the <b>OK</b> button.
Control panel messages	Example: <b>Head Cleaning</b> is displayed.
Software interface items (menus and buttons)	Example: Click <b>OK</b> .
Keyboard keys	Example: Press the Tab key.

- **Cross-reference**

Other pages or manuals that provide related information are indicated as follows in this user manual.

Cross-reference in the same user manual	Example: see "Menu Structure." → P.435 Click the link to jump to the corresponding page.
Cross-reference in related manuals	Example: Refer to the Paper Reference Guide.
Other cross-reference	Example: See the printer driver help.

- **Figures and software screens**

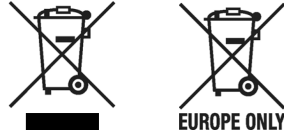
- Figures in this user manual may be different from the actual appearance of the printer in some cases.
- Screens depicted in this user manual for the printer driver or other software may be different from the actual screens because of subsequent updates.

- **May we request**

- The information in this user manual is subject to change without notice.
- We strive to ensure accuracy of information in this user manual, but if you notice errors or omissions, contact support center.

## Disposal of the product

### WEEE Directive



#### Only for European Union and EEA (Norway, Iceland and Liechtenstein)

These symbols indicate that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU), the Battery Directive (2006/66/EC) and/or national legislation implementing those Directives.

If a chemical symbol is printed beneath the symbol shown above, in accordance with the Battery Directive, this indicates that a heavy metal (Hg = Mercury, Cd = Cadmium, Pb = Lead) is present in this battery or accumulator at a concentration above an applicable threshold specified in the Battery Directive.

This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE) and batteries and accumulators. Improper handling of this type of waste could have a possible impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. Your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.

For more information about the recycling of this product, please contact your local city office, waste authority, approved scheme or your household waste disposal service or visit [→ www.canon-europe.com/weee](http://www.canon-europe.com/weee) , or

[→ www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

#### Nur für Europäische Union und EWR (Norwegen, Island und Liechtenstein)

Diese Symbole weisen darauf hin, dass dieses Produkt gemäß WEEE-Richtlinie (2012/19/EU; Richtlinie über Elektro- und Elektronik-Altgeräte), Batterien-Richtlinie (2006/66/EG) und nationalen Gesetzen zur Umsetzung dieser Richtlinien nicht über den Hausmüll entsorgt werden darf.

Falls sich unter dem oben abgebildeten Symbol ein chemisches Symbol befindet, bedeutet dies gemäß der Batterien-Richtlinie, dass in dieser Batterie oder diesem Akkumulator ein Schwermetall (Hg = Quecksilber, Cd = Cadmium, Pb = Blei) in einer Konzentration vorhanden ist, die über einem in der Batterien-Richtlinie angegebenen Grenzwert liegt.

Dieses Produkt muss bei einer dafür vorgesehenen Sammelstelle abgegeben werden. Dies kann z. B. durch Rückgabe beim Kauf eines neuen ähnlichen Produkts oder durch Abgabe bei einer autorisierten Sammelstelle für die Wiederaufbereitung von Elektro- und Elektronik-Altgeräten sowie Batterien und Akkumulatoren geschehen. Der unsachgemäße Umgang mit Altgeräten kann aufgrund potenziell gefährlicher Stoffe, die generell mit Elektro- und Elektronik-Altgeräten in Verbindung stehen, negative Auswirkungen auf die Umwelt und die menschliche Gesundheit haben.

Durch Ihre Mitarbeit bei der umweltgerechten Entsorgung dieses Produkts tragen Sie zu einer effektiven Nutzung natürlicher Ressourcen bei.

Um weitere Informationen über die Wiederverwertung dieses Produkts zu erhalten, wenden Sie sich an Ihre Stadtverwaltung, den öffentlich-rechtlichen Entsorgungsträger, eine autorisierte Stelle für die Entsorgung von Elektro- und Elektronik-Altgeräten oder Ihr örtliches Entsorgungsunternehmen oder besuchen Sie

[→ www.canon-europe.com/weee](http://www.canon-europe.com/weee) , oder [→ www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

#### Union Européenne, Norvège, Islande et Liechtenstein uniquement.

Ces symboles indiquent que ce produit ne doit pas être mis au rebut avec les ordures ménagères, comme le spécifie la Directive européenne DEEE (2012/19/UE), la Directive européenne relative à l'élimination des piles et des accumulateurs usagés (2006/66/CE) et les lois en vigueur dans votre pays appliquant ces directives.

Si un symbole de toxicité chimique est imprimé sous le symbole illustré ci-dessus conformément à la Directive relative aux piles et aux accumulateurs, il indique la présence d'un métal lourd (Hg = mercure, Cd = cadmium, Pb = plomb) dans la pile ou l'accumulateur à une concentration supérieure au seuil applicable spécifié par la Directive.

Ce produit doit être confié au distributeur à chaque fois que vous achetez un produit neuf similaire, ou à un point de collecte mis en place par les collectivités locales pour le recyclage des Déchets des Équipements Électriques et Électroniques (DEEE). Le traitement inapproprié de ce type de déchet risque d'avoir des répercussions sur l'environnement et la santé humaine, du fait de la présence de substances potentiellement dangereuses généralement associées aux équipements électriques et électroniques.

Votre entière coopération dans le cadre de la mise au rebut correcte de ce produit favorisera une meilleure utilisation des ressources naturelles.

Pour plus d'informations sur le recyclage de ce produit, contactez vos services municipaux, votre éco-organisme ou les autorités locales compétentes, ou consultez le site [→ www.canon-europe.com/weee](http://www.canon-europe.com/weee) , ou

[→ www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

#### Uitsluitend bestemd voor de Europese Unie en EER (Noorwegen, IJsland en Liechtenstein)

Met deze symbolen wordt aangegeven dat dit product in overeenstemming met de AEEA-richtlijn (2012/19/EU), de richtlijn 2006/66/EG betreffende batterijen en accu's en/of de plaatselijk geldende wetgeving waarin deze richtlijnen zijn geïmplementeerd, niet bij het normale huisvuil mag worden weggegooid.

Indien onder het hierboven getoonde symbool een chemisch symbool gedrukt staat, geeft dit in overeenstemming met de richtlijn betreffende batterijen en accu's aan dat deze batterij of accu een zwaar metaal bevat (Hg = kwik, Cd = cadmium, Pb = lood) waarvan de concentratie de toepasselijke drempelwaarde in overeenstemming met de genoemde richtlijn overschrijdt.

Dit product dient te worden ingeleverd bij een hiervoor aangewezen inzamelpunt, bijv. door dit in te leveren bij een hiertoe erkend verkooppunt bij aankoop van een gelijksoortig product, of bij een officiële inzameldienst voor de recycling van elektrische en elektronische apparatuur (EEA) en batterijen en accu's. Door de potentieel gevaarlijke stoffen die gewoonlijk gepaard gaan met EEA, kan onjuiste verwerking van dit type afval mogelijk nadelige gevolgen hebben voor het milieu en de menselijke gezondheid. Uw medewerking bij het op juiste wijze weggooiden van dit product draagt bij tot effectief gebruik van natuurlijke hulpbronnen.

Voor verdere informatie over recycling van dit product kunt u contact opnemen met uw plaatselijke gemeente, afvaldienst, officiële dienst voor klein chemisch afval of afvalstortplaats, of kunt u terecht op

[→ www.canon-europe.com/weee](http://www.canon-europe.com/weee) , of [→ www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

#### Sólo para la Unión Europea y el Área Económica Europea (Noruega, Islandia y Liechtenstein)

Estos iconos indican que este producto no debe desecharse con los residuos domésticos de acuerdo con la Directiva sobre RAEE (2012/19/UE) y la Directiva sobre Pilas y Acumuladores (2006/66/CE) y/o la legislación nacional. Si aparece un símbolo químico bajo este icono, de acuerdo con la Directiva sobre Pilas y Acumuladores, significa que la pila o el acumulador contiene metales pesados (Hg = Mercurio, Cd = Cadmio, Pb = Plomo) en una concentración superior al límite especificado en dicha directiva.

Este producto deberá entregarse en un punto de recogida designado, por ejemplo, entregándolo en el lugar de venta al adquirir un producto nuevo similar o en un centro autorizado para la recogida de residuos de aparatos eléctricos y electrónicos (RAEE), baterías y acumuladores. La gestión incorrecta de este tipo de residuos puede afectar al medio ambiente y a la salud humana debido a las sustancias potencialmente nocivas que suelen contener estos aparatos.

Su cooperación en la correcta eliminación de este producto contribuirá al correcto aprovechamiento de los recursos naturales.

Los usuarios tienen derecho a devolver pilas, acumuladores o baterías usados sin coste alguno. El precio de venta de pilas, acumuladores y baterías incluye el coste de la gestión medioambiental de su desecho, y no es necesario mostrar la cuantía de dicho coste en la información y la factura suministradas a los usuarios finales.

Si desea más información sobre el reciclado de este producto, póngase en contacto con su municipio, el servicio o el organismo encargado de la gestión de residuos domésticos o visite [→ www.canon-europe.com/weee](http://www.canon-europe.com/weee) , o

[→ www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

#### Solo per Unione Europea e SEE (Norvegia, Islanda e Liechtenstein)

Questi simboli indicano che il prodotto non può essere smaltito con i rifiuti domestici, ai sensi della Direttiva RAEE (2012/19/UE), della Direttiva sulle Batterie (2006/66/CE) e/o delle leggi nazionali che attuano tali Direttive.

Se sotto il simbolo indicato sopra è riportato un simbolo chimico, in osservanza della Direttiva sulle batterie, tale simbolo indica la presenza di un metallo pesante (Hg = Mercurio, Cd = Cadmio, Pb = Piombo) nella batteria o nell'accumulatore con un livello di concentrazione superiore a una soglia applicabile specificata nella Direttiva sulle batterie.

Il prodotto deve essere conferito a un punto di raccolta designato, ad esempio il rivenditore in caso di acquisto di un nuovo prodotto simile oppure un centro di raccolta autorizzato per il riciclaggio di rifiuti di apparecchiature elettriche ed elettroniche (RAEE) nonché di batterie e accumulatori. Un trattamento improprio di questo tipo di rifiuti può avere conseguenze negative sull'ambiente e sulla salute umana a causa delle sostanze potenzialmente nocive solitamente contenute in tali rifiuti.

La collaborazione dell'utente per il corretto smaltimento di questo prodotto contribuirà a un utilizzo efficace delle risorse naturali ed eviterà di incorrere in sanzioni amministrative ai sensi dell'art. 255 e successivi del Decreto Legislativo n. 152/06.

Per ulteriori informazioni sul riciclaggio di questo prodotto, contattare le autorità locali, l'ente responsabile della raccolta dei rifiuti, un rivenditore autorizzato o il servizio di raccolta dei rifiuti domestici, oppure visitare il sito

→ [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , o → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

#### Apenas para a União Europeia e AEE (Noruega, Islândia e Liechtenstein)

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Se houver um símbolo químico impresso como mostrado abaixo, de acordo com a Diretiva de Baterias, isto indica que um metal pesado (Hg = Mercúrio, Cd = Cádmio, Pb = Chumbo) está presente nesta pilha ou acumulador, numa concentração acima de um limite aplicável especificado na Diretiva.

Este produto deve ser entregue num ponto de recolha designado, por exemplo num local autorizado de troca quando compra um equipamento novo idêntico, ou num local de recolha autorizado para reciclar equipamento elétrico e eletrónico (EEE) em fim de vida, bem como pilhas e baterias. O tratamento inadequado deste tipo de resíduos pode ter um impacto negativo no ambiente e na saúde humana, devido a substâncias potencialmente perigosas que estão associadas com equipamentos do tipo EEE.

A sua cooperação no tratamento correto deste produto irá contribuir para a utilização mais eficaz dos recursos naturais.

Para obter mais informações acerca de como reciclar este produto, por favor contacte as suas autoridades locais responsáveis pela matéria, serviço de recolha aprovado para pilhas e baterias ou serviço de recolha de resíduos sólidos domésticos da sua municipalidade, ou visite

→ [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , ou

→ [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

#### Gælder kun i Europæiske Union og EØS (Norge, Island og Liechtenstein)

Disse symboler betyder, at produktet ikke må bortskaffes sammen med dagrenovation i henhold til WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EF) og/eller den lokale lovgivning, som disse direktiver er gennemført i. Hvis der i overensstemmelse med batteridirektivet er trykt et kemisk symbol under det symbol, der er vist ovenfor, betyder det, at batteriet eller akkumulatoren indeholder tungmetaller (Hg = kviksølv, Cd = cadmium, Pb = bly) i en koncentration, som ligger over de grænseværdier, der er beskrevet i batteridirektivet.

Produktet skal afleveres på et godkendt indsamlingssted, f.eks. i overensstemmelse med en godkendt én-til-én-procedure, når du indkøber et nyt tilsvarende produkt, eller på et godkendt indsamlingssted for elektronikaffald samt for batterier og akkumulatører. Forkert håndtering af denne type affald kan medføre negative konsekvenser for miljøet og menneskers helbred på grund af de potentielt sundhedsskadelige stoffer, der generelt kan forefindes i elektrisk og elektronisk udstyr.

Når du foretager korrekt bortskaffelse af produktet, bidrager du til effektiv brug af naturressourcerne. Kontakt din kommune, den lokale affaldsmyndighed, det lokale affaldsanlæg, eller besøg → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , eller → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) for at få flere oplysninger om genbrug af dette produkt.

#### Μόνο για την Ευρωπαϊκή Ένωση και τον ΕΟΧ (Νορβηγία, Ισλανδία και Λιχτενστάιν)

Αυτά τα σύμβολα υποδεικνύουν ότι αυτό το προϊόν δεν πρέπει να απορρίπτεται μαζί με τα οικιακά απορρίμματα, σύμφωνα με την Οδηγία για τα Απόβλητα Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (ΑΗΗΕ) (2012/19/ΕΕ), την Οδηγία για τις Ηλεκτρικές Στήλες (2006/66/ΕΚ) ή/και την εθνική νομοθεσία που εφαρμόζει τις Οδηγίες εκείνες. Εάν κάποιο χημικό σύμβολο είναι τυπωμένο κάτω από το σύμβολο που φαίνεται παραπάνω, σύμφωνα με την Οδηγία για τις Ηλεκτρικές Στήλες, υποδηλώνει ότι κάποιο βαρύ μέταλλο (Hg = Υδράργυρος, Cd = Κάδμιο, Pb = Μόλυβδος) υπάρχει στην μπαταρία ή τον συσσωρευτή σε συγκέντρωση μεγαλύτερη από το ισχύον επίπεδο που καθορίζεται στην Οδηγία για τις Ηλεκτρικές Στήλες.

Αυτό το προϊόν πρέπει να παραδίδεται σε καθορισμένο σημείο συλλογής, π.χ. σε μια εξουσιοδοτημένη βάση ανταλλαγής όταν αγοράζετε ένα νέο παρόμοιο προϊόν ή σε μια εξουσιοδοτημένη θέση συλλογής για την ανακύκλωση των αποβλήτων ηλεκτρικού και ηλεκτρονικού εξοπλισμού (ΗΗΕ) και των ηλεκτρικών στηλών και συσσωρευτών. Ο ακατάλληλος χειρισμός αυτού του τύπου αποβλήτων μπορεί να έχει αρνητικό αντίκτυπο στο περιβάλλον και την υγεία του ανθρώπου, λόγω δυνητικά επικίνδυνων ουσιών που γενικά συνδέονται με τον ΗΗΕ.



Η συνεργασία σας για τη σωστή απόρριψη αυτού του προϊόντος θα συμβάλει στην αποτελεσματική χρήση των φυσικών πόρων.

Για περισσότερες πληροφορίες σχετικά με ανακύκλωση αυτού του προϊόντος, επικοινωνήστε με το τοπικό γραφείο της πόλης σας, την υπηρεσία απορριμμάτων, το εγκεκριμένο σχήμα ή την υπηρεσία απόρριψης οικιακών αποβλήτων ή επισκεφθείτε τη διεύθυνση → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) ή → [www.canon-europe.com/battery](http://www.canon-europe.com/battery).

#### Gjelder kun den europeiske union og EØS (Norge, Island og Liechtenstein)

Disse symbolene indikerer at dette produktet ikke skal kastes sammen med husholdningsavfall, i henhold til WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EF) og/eller nasjonal lov som har implementert disse direktivene.

Hvis et kjemisk symbol vises under symbolet vist ovenfor, i samsvar med batteridirektivet, indikerer dette at et tungmetall (Hg = kvikksølv, Cd = kadmium, Pb = bly) finnes i batteriet eller akkumulatoren i en konsentrasjon over en gjeldende øvre grense som er spesifisert i batteridirektivet.

Produktet må leveres til et dertil egnet innsamlingspunkt, det vil si på en autorisert en-til-en-basis når en kjøper et nytt lignende produkt, eller til et autorisert innsamlingssted for resirkulering av avfall fra elektrisk og elektronisk utstyr (EE-utstyr) og batterier og akkumulatører. Feil håndtering av denne typen avfall kan være miljø- og helseskadelig på grunn av potensielt skadelige stoffer som ofte brukes i EE-utstyr.

Din innsats for korrekt avhending av produktet vil bidra til effektiv bruk av naturressurser.

Du kan få mer informasjon om resirkulering av dette produktet ved å kontakte lokale myndigheter, avfallsadministrasjonen, et godkjent program eller husholdningens renovasjonsselskap, eller gå til

→ [www.canon-europe.com/weee](http://www.canon-europe.com/weee), eller → [www.canon-europe.com/battery](http://www.canon-europe.com/battery).

#### Vain Euroopan unionin sekä ETA:n (Norja, Islanti ja Liechtenstein) alueelle.

Nämä tunnuksot osoittavat, että sähkö- ja elektroniikkalaiteromua koskeva direktiivi (SER-direktiivi, 2012/19/EU), paristoista ja akuista annettu direktiivi (2006/66/EY) sekä kansallinen lainsäädäntö kieltävät tuotteen hävittämisen talousjätteen mukana.

Josillä olevan symbolin alapuolelle on paristodirektiivin mukaisesti painettu kemiallisen aineen tunnus, kyseinen paristo tai akku sisältää raskasmetalleja (Hg = elohopea, Cd = kadmium, Pb = lyijy) enemmän kuin paristodirektiivin salliman määrän.

Tuote on vietävä asianmukaiseen keräyspisteeseen, esimerkiksi kodinkoneliikkeen uutta vastaavaa tuotetta ostettaessa tai viralliseen sähkö- ja elektroniikkalaiteromun tai paristojen ja akkujen keräyspisteeseen. Sähkö- ja elektroniikkalaiteromun virheellinen käsittely voi vahingoittaa ympäristöä ja ihmisten terveyttä, koska laitteet saattavat sisältää ympäristölle ja terveydelle haitallisia aineita. Tuotteen asianmukainen hävittäminen säästää myös luonnonvaroja.

Jos haluat lisätietoja tämän tuotteen kierrätyksestä, ota yhteys kunnan jätehuoltoviranomaisiin tai käyttämäsi jätehuolto-yhtiöön tai käy osoitteessa → [www.canon-europe.com/weee](http://www.canon-europe.com/weee), tai → [www.canon-europe.com/battery](http://www.canon-europe.com/battery).

#### Endast för Europeiska unionen och EES (Norge, Island och Liechtenstein)

De här symbolerna visar att produkten inte får sorteras och slängas som hushållsavfall enligt WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EG) och/eller nationell lagstiftning som implementerar dessa direktiv.

Om en kemisk symbol förekommer under ovanstående symbol innebär detta enligt Batteridirektivet att en tungmetall (Hg = Kvikksilver, Cd = Kadmium, Pb = Bly) förekommer i batteriet eller ackumulatören med en koncentration som överstiger tillämplig gräns som anges i Batteridirektivet.

Produkten ska lämnas in på en avsedd insamlingsplats, t.ex. på en återvinningsstation auktoriserad att hantera elektrisk och elektronisk utrustning (EE-utrustning) samt batterier och ackumulatörer eller hos handlare som är auktoriserade att byta in varor då nya, motsvarande köps (en mot en). Olämplig hantering av avfall av den här typen kan ha negativ inverkan på miljön och människors hälsa på grund av de potentiellt farliga ämnen som kan återfinnas i elektrisk och elektronisk utrustning.

Din medverkan till en korrekt avfallshantering av produkten bidrar till effektiv användning av naturresurserna.

Om du vill ha mer information om var du kan lämna in den här produkten, kontakta ditt lokala kommunkontor, berörd myndighet eller företag för avfallshantering eller se → [www.canon-europe.com/weee](http://www.canon-europe.com/weee), eller

→ [www.canon-europe.com/battery](http://www.canon-europe.com/battery).

#### Pouze Evropská unie a EHP (Norsko, Island a Lichtenštejnsko)

Tento symbol znamená, že podle směrnice OEEZ (2012/19/EU), směrnice o bateriích (2006/66/ES) a/nebo podle vnitrostátních právních předpisů k těmto směrnici nemá být tento výrobek likvidován s odpadem z domácností.

Je-li v souladu s požadavky směrnice o bateriích vytištěna pod výše uvedeným symbolem chemická značka, udává, že tato baterie nebo akumulátor obsahuje těžké kovy (Hg = rtuť, Cd = kadmium, Pb = olovo) v koncentraci vyšší, než je příslušná hodnota předepsaná směrnicí.

Tento výrobek má být vrácen do určeného sběrného místa, např. v rámci autorizovaného systému odběru jednoho výrobku za jeden nově prodaný podobný výrobek, nebo do autorizovaného sběrného místa pro recyklaci odpadních elektrických a elektronických zařízení (OEEZ), baterií a akumulátorů. Nevhodné nakládání s tímto druhem odpadu by mohlo mít negativní dopad na životní prostředí a lidské zdraví, protože elektrická a elektronická zařízení zpravidla obsahují potenciálně nebezpečné látky. Vaše spolupráce na správné likvidaci tohoto výrobku napomůže efektivnímu využívání přírodních zdrojů.

Chcete-li získat podrobné informace týkající se recyklace tohoto výrobku, obraťte se prosím na místní úřad, orgán pro nakládání s odpady, schválený systém nakládání s odpady či společnost zajišťující likvidaci domovního odpadu, nebo navštivte webové stránky → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) nebo → [www.canon-europe.com/battery](http://www.canon-europe.com/battery).

### Csak az Európai Unió és az EGT (Norvégia, Izland és Liechtenstein) országaiban

Ezek a szimbólumok azt jelzik, hogy a termék hulladékkezelése a háztartási hulladéktól különválasztva, az elektromos és elektronikus berendezések hulladékairól (WEEE) szóló (2012/19/EU) irányelvnek és az elemekről és akkumulátorokról, valamint a hulladék elemekről és akkumulátorokról szóló (2006/66/EK) irányelvnek megfelelően és/vagy ezen irányelveknek megfelelő helyi előírások szerint történik.

Amennyiben a fent feltüntetett szimbólum alatt egy vegyjel is szerepel, az elemekről és akkumulátorokról szóló irányelvben foglaltak értelmében ez azt jelzi, hogy az elem vagy az akkumulátor az irányelvben meghatározott határértéknél nagyobb mennyiségben tartalmaz nehézfémeket (Hg = higany, Cd = kadmium, Pb = ólom).

E terméket az arra kijelölt gyűjtőhelyre kell juttatni – pl. hasonló termék vásárlásakor a régi becserelésére vonatkozó hivatalos program keretében, vagy az elektromos és elektronikus berendezések (EEE) hulladékainak gyűjtésére, valamint a hulladék elemek és hulladék akkumulátorok gyűjtésére kijelölt hivatalos gyűjtőhelyre. Az ilyen jellegű hulladékok nem előírászerű kezelése az elektromos és elektronikus berendezésekhez (EEE) általánosan kapcsolható potenciálisan veszélyes anyagok révén hatással lehet a környezetre és az egészségre.

E termék megfelelő leselejtezésével Ön is hozzájárul a természeti források hatékony használatához.

A termék újrahasznosítását illetően informálódjon a helyi polgármesteri hivatalnál, a helyi közterület-fenntartó vállalatnál, a hivatalos hulladéklerakó telephelyen vagy a háztartási hulladék begyűjtését végző szolgáltatónál, illetve látogasson el a → [www.canon-europe.com/weee](http://www.canon-europe.com/weee), vagy → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) internetes oldalra.

### Tylko dla krajów Unii Europejskiej oraz EOG (Norwegia, Islandia i Liechtenstein)

Te symbole oznaczają, że produktu nie należy wyrzucać razem z odpadami gospodarstwa domowego, zgodnie z dyrektywą WEEE w sprawie zużytego sprzętu elektrycznego i elektronicznego (2012/19/UE) lub dyrektywą w sprawie baterii (2006/66/WE) bądź przepisami krajowymi wdrażającymi te dyrektywy.

Jeśli pod powyższym symbolem znajduje się symbol chemiczny, zgodnie z dyrektywą w sprawie baterii oznacza to, że bateria lub akumulator zawiera metal ciężki (Hg = rtęć, Cd = kadm, Pb = ołów) w stężeniu przekraczającym odpowiedni poziom określony w dyrektywie w sprawie baterii.

Użytkownicy baterii i akumulatorów mają obowiązek korzystać z dostępnego programu zwrotu, recyklingu i utylizacji baterii oraz akumulatorów.

Niewłaściwe postępowanie z tego typu odpadami może mieć wpływ na środowisko i zdrowie ludzi ze względu na substancje potencjalnie niebezpieczne, związane ze zużytym sprzętem elektrycznym i elektronicznym.

Państwa współpraca w zakresie właściwej utylizacji tego produktu przyczyni się do efektywnego wykorzystania zasobów naturalnych.

W celu uzyskania informacji o sposobie recyklingu tego produktu prosimy o kontakt z właściwym urzędem miejskim lub zakładem gospodarki komunalnej bądź zapraszamy na stronę → [www.canon-europe.com/weee](http://www.canon-europe.com/weee), lub → [www.canon-europe.com/battery](http://www.canon-europe.com/battery).

### Platí len pre štáty Európskej únie a EHP (Nórsko, Island a Lichtenštajnsko)

Tieto symboly označujú, že podľa Smernice o odpade z elektrických a elektronických zariadení (OEEZ) 2012/19/EÚ, Smernice o batériách (2006/66/ES) a podľa platnej legislatívy Slovenskej republiky sa tento produkt nesmie likvidovať spolu s komunálnym odpadom.

Ak je chemická značka vytlačená pod vyššie uvedeným symbolom, znamená to, že táto batéria alebo akumulátor obsahuje ťažký kov (Hg = ortuť, Cd = kadmium, Pb = olovo) v koncentrácii vyššej, ako je príslušná povolená hodnota stanovená v Smernici o batériách.

Produkt je potrebné odovzdať do určenej zberne, napr. prostredníctvom výmeny za kúpu nového podobného produktu, alebo na autorizované zberné miesto, ktoré spracúva odpad z elektrických a elektronických zariadení (EEZ), batérií a akumulátorov. Nesprávna manipulácia s takýmto typom odpadu môže mať negatívny vplyv na životné prostredie a ľudské zdravie, pretože elektrické a elektronické zariadenia obsahujú potenciálne nebezpečné látky.



Spolupracou na správnej likvidácii tohto produktu prispejete k účinnému využívaniu prírodných zdrojov. Ďalšie informácie o recyklácii tohto produktu získate od miestneho úradu, úradu životného prostredia, zo schváleného plánu OEEZ alebo od spoločnosti, ktorá zaisťuje likvidáciu komunálneho odpadu. Viac informácií nájdete aj na webovej stránke: → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , alebo → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Üksnes Euroopa Liit ja EMP (Norra, Island ja Liechtenstein)

Antud sümbolid viitavad sellele, et vastavalt elektri- ja elektroonikaseadmete jäätmeid käsitlevale direktiivile (2012/19/EL), patareisid ja akusid ning patarei- ja akujäätmeid käsitlevale direktiivile (2006/66/EÜ) ja/või nimetatud direktiive rakendavatele riiklikele õigusaktidele ei või seda toodet koos olmejäätmetega ära visata. Kui keemiline sümbol on trükitud eespool toodud sümboli alla, siis tähendab see, et antud patareis või akus leiduva raskemetalli (Hg = elavhõbe, Cd = kaadmium, Pb = plii) kontsentratsioonitase on kõrgem kui patareisid ja akusid ning patarei- ja akujäätmeid käsitlevas direktiivis sätestatud piirmäär. Antud tootest tekkinud jäätmed tuleb anda vastavasse kogumispunkti, nt müügipunkti, mis on volitatud üks ühe vastu vahetama, kui ostate uue sarnase toote, või vastavasse elektri- ja elektroonikaseadmete jäätmete ning patareide ja akude ümbertöötlemiseks mõeldud kogumispunkti. Antud liiki jäätmete vale käitlemine võib kahjustada keskkonda ja inimeste tervist elektri- ja elektroonikajäätmetes tavaliselt leiduvate potentsiaalselt ohtlike ainete tõttu. Antud tootest tekkinud jäätmete nõuetekohase kõrvaldamisega aitate kasutada loodusvarasid efektiivselt. Täiendava teabe saamiseks elektri- ja elektroonikaseadmetest tekkinud jäätmete ning patarei- ja akujäätmete taastamise ja ümbertöötlemise kohta võtke ühendust kohaliku omavalitsusega, asjakohase valitsusasutusega, asjakohase tootjavastutusorganisatsiooniga või olmejäätmete käitlejaga. Lisateavet leiate ka Interneti-leheküljelt → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) või → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Tikai Eiropas Savienībai un EEZ (Norvēģijai, Islandei un Lihtenšteinai)

Šie simboli norāda, ka atbilstoši ES Direktīvai (2012/19/ES) par elektrisko un elektronisko iekārtu atkritumiem (EEIA), Direktīvai (2006/66/EK) par baterijām un akumulatoriem, un akumulatoru atkritumiem, ar ko atceļ Direktīvu 91/157/EEK, un vietējiem tiesību aktiem šo izstrādājumu nedrīkst izmest kopā ar sadzīves atkritumiem. Ja zem iepriekš norādītā simbola ir uzdrukāts ķīmiskais simbols, saskaņā ar direktīvu par baterijām un akumulatoriem tas nozīmē, ka šīs baterijas vai akumulatori satur smagos metālus (Hg = dzīvsudrabs, Cd = kadmījs, Pb = svins) un to koncentrācijas līmenis pārsniedz direktīvā par baterijām un akumulatoriem minēto piemērojamo sliekšni. Šis izstrādājums ir jānodod piemērotā savākšanas vietā, piemēram, apstiprinātā veikalā, kur iegādājaties līdzīgu jaunu produktu un atstājat veco, vai apstiprinātā vietā izlietotu elektrisko un elektronisko iekārtu un bateriju un akumulatoru pārstrādei. Nepareiza šāda veida atkritumu apsaimniekošana var apdraudēt vidi un cilvēka veselību tādu iespējami bīstamu vielu dēļ, kas parasti ir elektriskajās un elektroniskajās iekārtās. Jūsu atbalsts pareizā šāda veida atkritumu apsaimniekošanā sekmēs efektīvu dabas resursu izmantošanu. Lai saņemtu pilnīgāku informāciju par šāda veida izstrādājumu nodošanu otrreizējai pārstrādei, sazinieties ar vietējo pašvaldību, atkritumu savākšanas atbildīgo dienestu, pilnvaroto organizāciju vai iestādi, kas veic sadzīves atkritumu apsaimniekošanu, vai apmeklējiet tīmekļa vietni → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , vai → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Tik Europos Sąjungai ir EEE (Norvegijai, Islandijai ir Lichtenšteinui)

Šie simboli reiškia, kad šio gaminių negalima išmesti į buitines atliekas, kaip reikalaujama WEEE Direktyvoje (2012/19/ES) ir Baterijų direktyvoje (2006/66/EB) ir (ar) jūsų šalies nacionaliniuose įstatymuose, kuriais šios Direktyvos yra įgyvendinamos. Jeigu cheminio ženklo simbolis yra nurodytas žemiau šio ženklo, tai reiškia, kad vadovaujantis Baterijų direktyvą, baterijų ar akumuliatorių sudėtyje yra sunkiųjų metalų (Hg = gyvsidabris, Cd = kadmio, Pb = švino), kurių koncentracija viršija Baterijų direktyvoje nurodytas leistinas ribas. Šį gaminį reikia pristatyti į specialųjį surinkimo punktą, pavyzdžiui, mainais, kai jūs perkate naują panašų gaminį, arba į specialiąją surinkimo vietą, kurioje perdirbamos elektrinės ir elektroninės įrangos atliekos bei naudotos baterijos ir akumuliatoriai. Dėl netinkamo šio tipo atliekų tvarkymo gali nukentėti aplinka ir iškilti grėsmė žmogaus sveikatai dėl galimai kenksmingų medžiagų, iš esmės susijusių su elektrine ir elektronine įranga. Bendradarbiaudami ir teisingai utilizuodami šiuos gaminius, jūs padėsite efektyviai naudoti gamtinius išteklius. Daugiau informacijos apie gaminių perdirbimą jums gali suteikti vietinis biuras, atliekų tvarkymo bendrovė, sertifikuoti organai ar buitinių atliekų surinkimo įmonės. Taip pat siūloma apsilankyti interneto svetainėje → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , arba → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Samo za Evropsko unijo in EGP (Norveška, Islandija in Lihtenštajn)

Ti simboli pomenijo, da tega izdelka skladno z Direktivo OEEO (2012/19/EU), Direktivo 2006/66/ES in/ali nacionalno zakonodajo, ki uvaja ti direktivi, ne smete odlagati z nesortiranimi gospodinjskimi odpadki.

Če je pod zgoraj prikazanim simbolom natisnjen kemijski simbol, to v skladu z Direktivo pomeni, da je v tej bateriji ali akumulatorju prisotna težka kovina (Hg = živo srebro, Cd = kadmij, Pb = svinec), in sicer v koncentraciji, ki je nad relevantno mejno vrednostjo, določeno v Direktivi.

Ta izdelek je potrebno odnesti na izbrano zbirno mesto, t. j. pooblaščen trgovino, kjer ob nakupu novega (podobnega) izdelka vrnete starega, ali na pooblaščen zbirno mesto za ponovno uporabo odpadne električne in elektronske opreme (EEO) ter baterij in akumulatorjev. Neustrezno ravnanje s to vrsto odpadkov lahko negativno vpliva na okolje in človeško zdravje zaradi potencialno nevarnih snovi, ki so pogosto povezane z EEO.

Vaše sodelovanje pri pravilnem odlaganju tega izdelka predstavlja pomemben prispevek k smotrni izrabi naravnih virov.

Za več informacij o ponovni uporabi tega izdelka se obrnite na lokalni mestni urad, pristojno službo za odpadke, predstavnika pooblaščenega programa za obdelavo odpadkov ali na lokalno komunalo. Lahko pa tudi obiščete našo spletno stran → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , ali → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Само за Европейския съюз и ЕИП (Норвегия, Исландия и Лихтенщайн)

Тези символи показват, че този продукт не трябва да се изхвърля заедно с битовите отпадъци съгласно Директивата за ИУЕЕО (2012/19/ЕС), Директивата за батерии (2006/66/ЕО) и/или Вашето национално законодателство, прилагащо тези Директиви.

Ако под показания горе символ е отпечатан символ за химически елемент, съгласно разпоредбите на Директивата за батерии, този втори символ означава наличието на тежък метал (Hg = живак, Cd = кадмий, Pb = олово) в батерията или акумулатора в концентрация над указаната граница за съответния елемент в Директивата.

Този продукт трябва да бъде предаден в предназначен за целта пункт за събиране, например на база размяна, когато купувате нов подобен продукт, или в одобрен събирателен пункт за рециклиране на излязло от употреба електрическо и електронно оборудване (ИУЕЕО), батерии и акумулатори. Неправилното третиране на този тип отпадъци може да доведе до евентуални отрицателни последици за околната среда и човешкото здраве поради потенциално опасните вещества, които обикновено са свързани с ЕЕО.

В същото време Вашето съдействие за правилното изхвърляне на този продукт ще допринесе за ефективното използване на природните ресурси.

За повече информация относно това къде можете да предадете за рециклиране на този продукт, моля свържете се с Вашите местни власти, с органа, отговорен за отпадъците, с одобрената система за ИУЕЕО или с Вашата местна служба за битови отпадъци, или посетете → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , или → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Doar pentru Uniunea Europeană și EEA (Norvegia, Islanda și Liechtenstein)

Aceste simboluri indică faptul că acest produs nu trebuie aruncat împreună cu deșeurile menajere, în conformitate cu Directiva DEEE (2012/19/UE), Directiva referitoare la baterii (2006/66/CE) și/sau legile dvs. naționale ce implementează aceste Directive.

Dacă un simbol chimic este imprimat sub simbolul de mai sus, în conformitate cu Directiva referitoare la baterii, acest simbol indică prezența în baterie sau acumulator a unui metal greu (Hg = Mercur, Cd = Cadmiu, Pb = Plumb) într-o concentrație mai mare decât pragul admis specificat în Directiva referitoare la baterii.

Acest produs trebuie înmânat punctului de colectare adecvat, ex: printr-un schimb autorizat unu la unu atunci când cumpărați un produs nou similar sau la un loc de colectare autorizat pentru reciclarea reziduurilor de echipament electric și electronic (EEE) și baterii și acumulatori. Administrarea neadecvată a acestui tip de deșeuri, ar putea avea un impact asupra mediului și asupra sănătății umane datorită substanțelor cu potențial de risc care sunt în general asociate cu EEE.

Cooperarea dvs. în direcția reciclării corecte a acestui produs va contribui la o utilizare eficientă a resurselor naturale.

Pentru mai multe informații despre reciclarea acestui produs, vă rugăm să contactați biroul dvs. local, autoritățile responsabile cu deșeurile, schema aprobată sau serviciul dvs. responsabil cu deșeurile menajere sau vizitați-ne la → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , sau → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Samo za Europsku uniju i EEA (Norveška, Island i Lihtenštajn)

Oznaka pokazuje da se ovaj proizvod ne smije odlagati s komunalnim i ostalim vrstama otpada, u skladu s direktivom WEEE (2012/19/EC), Direktivom o baterijama (2006/66/EC) i Pravilnikom o gospodarenju otpadnim baterijama i akumulatorima te Pravilnikom o gospodarenju otpadnim električnim i elektroničkim uređajima i opremom.

Ako je ispod prethodno prikazane oznake otisnut kemijski simbol, u skladu s Direktivom o baterijama, to znači da se u ovoj bateriji ili akumulatoru nalazi teški metal (Hg = živa, Cd = kadmij, Pb = olovo) i da je njegova koncentracija iznad razine popisane u Direktivi o baterijama.

Ovaj bi proizvod trebalo predati ovlaštenom skupljaču EE otpada ili prodavatelju koji je dužan preuzeti otpadni proizvod po sistemu jedan za jedan, ukoliko isti odgovara vrsti te je obavljao primarne funkcije kao i isporučena EE oprema. Otpadne baterije i akumulatori predaju se ovlaštenom skupljaču otpadnih baterija ili akumulatora ili prodavatelju bez naknade i obveze kupnje za krajnjeg korisnika. Neodgovarajuće rukovanje ovom vrstom otpada može utjecati na okoliš i ljudsko zdravlje zbog potencijalno opasnih supstanci koje se najčešće nalaze na takvim mjestima.

Vaša suradnja u pravilnom zbrinjavanju ovog proizvoda pridonijet će djelotvornom iskorištavanju prirodnih resursa. Dodatne informacije o recikliranju ovog proizvoda zatražite od svog lokalnog gradskog ureda, službe za zbrinjavanje otpada, odobrenog programa ili komunalne službe za uklanjanje otpada ili pak na stranicama

→ [www.canon-europe.com/weee](http://www.canon-europe.com/weee) ili → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Només per a la Unió Europea i a l'Espai Econòmic Europeu (Noruega, Islàndia i Liechtenstein)

Aquests símbols indiquen que aquest producte no s'ha de llençar amb les escombraries de la llar, d'acord amb la RAEE (2012/19/UE), la Directiva relativa a piles i acumuladors (2006/66/CE) i la legislació nacional que implementi aquestes directives.

Si al costat d'aquest símbol hi apareix imprès un símbol químic, segons especifica la Directiva relativa a piles i acumuladors, significa que la bateria o l'acumulador conté un metall pesant (Hg = mercuri, Cd = cadmi, Pb = plom) en una concentració superior al límit aplicable especificat en la Directiva.

Aquest producte s'hauria de lliurar en un dels punts de recollida designats, com per exemple, intercanviant un per un en comprar un producte similar o lliurant-lo en un lloc de recollida autoritzat per al reciclatge de residus d'aparells elèctrics i electrònics (RAEE) i piles i acumuladors. La manipulació inadequada d'aquest tipus de residus podria tenir un impacte negatiu en l'entorn i en la salut humana, a causa de les substàncies potencialment perilloses que normalment estan associades a l'RAEE.

La vostra cooperació a l'hora de rebutjar correctament aquest producte contribuirà a la utilització efectiva dels recursos naturals.

Els usuaris tenen dret a retornar les bateries o els acumuladors usats sense cap càrrec. El preu de venda de les bateries i els acumuladors inclou el cost de la gestió ambiental dels residus i no es necessari mostrar l'import d'aquest cost en aquest fullet o en la factura que es lliuri a l'usuari final.

Per a més informació sobre el reciclatge d'aquest producte, contacteu amb l'oficina municipal, les autoritats encarregades dels residus, el pla de residus homologat o el servei de recollida d'escombraries domèstiques de la vostra localitat o visiteu → [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , o → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

### Korisnici u Srbiji

Ovaj simbol označava da ovaj proizvod ne sme da se odlaže sa ostalim kućnim otpadom, u skladu sa WEEE Direktivom (2012/19/EU), Direktivom o baterijama (2006/66/EC) i nacionalnim zakonima.

Ukoliko je ispod gore navedenog simbola odštampan hemijski simbol, u skladu sa Direktivom o baterijama, ovaj simbol označava da su u ovoj bateriji ili akumulatoru prisutni teški metali (Hg – živa, Cd – kadmijum, Pb - olovo) u koncentracijama koje premašuju prihvatljivi prag naveden u Direktivi o baterijama.

Ovaj proizvod treba predati određenom centru za prikupljanje, npr. po principu „jedan-za-jedan“ kada kupujete sličan novi proizvod, ili ovlašćenom centru za prikupljanje za reciklažu istrošene električne i elektronske opreme (EEE), baterija i akumulatora. Nepravilno rukovanje ovom vrstom otpada može imati negativne posledice po životnu sredinu i ljudsko zdravlje usled potencijalno opasnih materijala koji se uglavnom vezuju za EEE.

Vaša saradnja na ispravnom odlaganju ovog proizvoda će doprineti efikasnom korišćenju prirodnih resursa.

Više informacija o tome kako možete da reciklirate ovaj proizvod potražite od lokalnih gradskih vlasti, komunalne službe, odobrenog plana reciklaže ili servisa za odlaganje kućnog otpada, ili posetite stranicu

→ [www.canon-europe.com/weee](http://www.canon-europe.com/weee) , ili → [www.canon-europe.com/battery](http://www.canon-europe.com/battery) .

# Memo

# Index

## A

Accounting ..... 501, 502, 505, 509  
Additional Settings Pane ..... 272  
Adjusting the Color in the Printer Driver ..... 48  
Adjusting the Vacuum Strength ..... 564

## B

Bonjour Network ..... 487

## C

CAD ..... 40, 44, 45, 46  
Checking Ink Tank Levels ..... 575  
Cleaning ..... 578, 591  
Clearing a Jammed Sheet ..... 610  
Color Adjustment ..... 160, 163, 284, 302  
Color imageRUNNER Enlargement Copy ..... 208, 209  
Configuring the IP Address ..... 480, 481, 491

## D

Deleting Saved Jobs ..... 525  
Device Settings Sheet ..... 175  
Device Setup Utility ..... 491  
Drying Time ..... 342

## F

Favorites Sheet ..... 172  
Free Layout ..... 186, 188, 295, 296

## G

GARO Wxxxx (x represents a number) ..... 657

## H

Hardware error ..... 657

## I

Interface ..... 456

## L

Large-Format Printing ..... 89  
Layout Sheet ..... 169  
Loading and Printing on Sheets ..... 20

## M

Main Pane ..... 260  
Main Sheet ..... 154  
Maintenance Cartridge ..... 585, 589, 590, 654  
Media Take-up Unit ..... 365, 367, 372, 468, 474, 614  
Menu Operations ..... 431, 432  
Menu Structure ..... 435

## N

Navigate ..... 428

Nozzle ..... 577

## O

Orientation ..... 136, 137, 138, 233, 243  
Output Method ..... 167  
Oversize ..... 71

## P

Page Setup Pane ..... 271  
Page Setup Sheet ..... 165  
Paper Feed Slot ..... 614  
Personal Box ..... 534, 537  
PosterArtist ..... 38  
Power ..... 234, 236, 237, 239, 241, 242, 243  
Preparing to Transfer the Printer ..... 594  
Print Job Log ..... 509, 510  
Printer Driver Settings ..... 146, 256  
Printer Hard Disk Operations ..... 470  
Printhead ..... 550, 553, 577, 578, 579, 620, 652  
Printing Posters in Sections ..... 114  
Printing Saved Jobs ..... 521  
Printing Vertical or Horizontal Banners ..... 89, 90, 93  
Printing at Actual Size ..... 75, 76, 77  
Printing on Rolls ..... 18

## R

Removing the Roll ..... 338, 340  
Replacing Ink Tanks ..... 566  
Rewinding error ..... 646  
Roll Holder ..... 330, 352

## S

Saving Print Jobs ..... 514, 532  
Size Options ..... 168  
Special Settings ..... 171, 252  
Specifications ..... 660  
Specifying Paper in the Printer Driver ..... 30, 148, 257  
Status Print ..... 453  
Support Sheet ..... 174

## U

Utility Sheet ..... 173

## W

Watermark ..... 134, 135  
When to Replace Ink Tanks ..... 575

