Canon

GP-4000 GP-2000 GP-540 GP-520

Online Manual

English

Contents

Using This Online Manual. 19
Trademarks and Licenses. 20
Basic Operation. 39
Printer Parts. 40
Printer Parts. 41
Front. 42
Back. 44
Top Cover (Inside). 46
Carriage. 47
Ink Tank Cover (Inside). 48
Operation Panel. 49
Optional accessories. 51
Stand. 52
Stand Parts. 53
Roll Unit. 55
Parts of the Roll Unit. 56
Roll Holder Set. 58
Printing procedure. 59
Turning the Printer On and Off. 60
Loading and Printing on Rolls. 63
Loading and Printing on Sheets. 65
Printing in Windows. 67
Printing from macOS. 69
Canceling print jobs. 70
Canceling Print Jobs from the Control Panel. 71
Canceling Print Jobs from Windows. 72
Canceling Print Jobs from macOS. 74
Pausing Printing. 75
Pausing Printing. 76
Handling and Use of Paper. 77
Paper. 79

Types of Paper. 80
Paper Sizes. 81
Using Paper Other Than Genuine Paper and feed confirmed Paper. 83
Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings. 84
Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type. 85
Updating paper information. 86
Handling rolls. 87
Loading Rolls on the Roll Holder. 88
Loading the Upper Roll on the Printer. 91
Loading the Lower Roll on the Roll Unit (Option). 97
Changing the Type of Paper. 104
Specifying the Paper Length. 108
Removing the Upper Roll from the Printer. 111
Removing the Lower Roll from the Roll Unit (Option). 114
Removing Rolls From the Roll Holder. 117
Feeding Roll Paper Manually. 119
Keeping Track of the Amount of Roll Paper Left. 120
Specifying the Amount of Extension for Borderless Printing. 123
Specifying the Ink Drying Time. 126
Specifying the Cutting Method for Rolls. 128
Cutting the Leading Edge of Roll Paper Automatically. 135
Reducing Dust from Cutting Rolls. 137
Automatically Switch Rolls. 139
Handling sheets. 140
Loading Sheets in the Printer. 141
Printing From a Desired Starting Point. 146
Removing Sheets. 150
Basket. 152
Using the Basket. 153
Example Basket Configurations. 158
Storing the Basket. 162
Roll Unit. 164
Switching Roll Unit Modes. 165
Using the Roll Unit In Take-Up Mode. 167

Removing Printed Paper from the Roll Unit. . . . 177
Changing Printer's Setting. . . . 180
Changing Settings from Operation Panel. . . . 181
Home Screen Menu Composition. . . . 182
Menu Structure. . . . 186
Advanced (Paper settings). . . . 207
Advanced (LAN settings). . . . 209
Setting Items on Operation Panel. . . . 212
Maintenance. . . . 214
Job management. . . . 216
LAN settings. . . . 217
Test print. . . . 226
Print settings. . . . 227
Web service setup. . . . 229
Paper-related settings. . . . 230
Auto maintenance settings. . . . 234
Hard disk settings. . . . 235
Monitoring service settings. . . . 237
Other printer settings. . . . 238
Language selection. . . . 240
Firmware update. . . . 241
Security settings. . . . 242
Printer information. . . . 243
Setting Administrator Password on Operation Panel. . . . 244
Erasing Data on Printer's Hard Disk. . . . 246
Status Print. . . . 247
Changing Printer's Setting Using Web Browser. . . . 249
Start up Remote UI. . . . 250
Changeable Setting Items Using Remote UI. . . . 253
Security. . . . 255
LAN settings. . . . 256
Setting Passwords Using Remote UI. . . . 258
Registering Printer's Root Certificate to Web Browser for SSL Communication. . . . 260
Registering Printer's Root Certificate to Local Computer for SSL Communication. . . . 264
Generating Server Certificate. . . . 270

Setting Mail Server. . . . 272
Receiving Printer Status by E-mail. . . . 274
Migrating Printer's Setting. . . . 276
Initializing Printer's Setting. . . . 278
Network Setting. . . . 279
Network Connection Tips. . . . 280
Printer Connection Methods. . . . 281
Connecting Smartphone/Tablet to Printer via Wireless Router. . . . 285
Connecting Smartphone/Tablet to Printer Directly (Wireless Direct). . . . 287
Default Network Settings. . . . 291
Another Printer Found with Same Name. . . . 293
Connecting to Another Computer via LAN/Changing from USB to LAN Connection. . . . 294
Printing Network Settings. . . . 295
Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection. . . . 312
Countermeasures against Unauthorized Access. . . . 314
Network Status and Troubleshooting. . . . 316
Sharing the Printer on a Network (Windows). . . . 318
Setting Up a Shared Printer. . . . 319
Restrictions on Printer Sharing. . . . 321
Adjustments for Better Print Quality. . . . 322
Adjusting the Print Head. . . . 323
Adjusting the Print Head. . . . 324
Automatic Adjustment to Straighten Lines and Colors. . . . 325
Manual Adjustment to Straighten Lines and Colors. . . . 327
Troubleshooting Paper Abrasion and Blurry Images. . . . 329
Adjusting Feed Amount. . . . 331
Adjusting Feed Amount. . . . 332
Selecting Feed Amount Adjustment Method. . . . 333
Automatic Banding Adjustment. . . . 334
Manual Banding Adjustment. . . . 336
Fine-Tuning Paper Feed Amount. . . . 338
Adjusting Line Length. . . . 339
Adjusting Vacuum Strength. . . . 341

Color Management. 342
Color Calibration. 343
Managing Colors. 344
Performing Color Calibration. 346
Adjustment Types of Color Calibration. 349
Maintenance and Consumables. 352
Ink Tanks. 354
Ink Tanks. 355
Replacing Ink Tanks. 358
Checking Ink Tank Levels. 372
When to Replace Ink Tanks. 374
Print Head. 375
Print Head. 376
Checking for Nozzle Clogging. 377
Cleaning the Print Head. 379
Replacing the Print Head. 382
Maintenance Cartridge. 390
Maintenance Cartridge. 391
Replacing the Maintenance Cartridge. 392
Checking the Remaining Maintenance Cartridge Capacity. 397
When to Replace the Maintenance Cartridge. 398
Cutter Blade. 399
Cutter Blade. 400
Replacing the Cutter Blade. 401
Performing Maintenance Functions from Your Computer (Windows). 406
Cleaning the Print Heads. 407
Printing a Nozzle Check Pattern. 408
Cleaning the Printer. 410
Cleaning the Printer Exterior. 411
Cleaning Inside the Top Cover. 413
Cleaning the Roll Unit. 416
Other Maintenance. 418

Preparing to Transfer the Printer. . . . 419
Reinstalling the Printer. . . . 424
Firmware update. . . . 429
Specifications. . . . 430
Specifications. . . . 431
Print Area. . . . 436
Appendix. . . . 438
Manuals and Their Contents. . . . 439
Safety. . . . 440
Safety Precautions. . . . 441
Regulatory Information. . . . 443
WEEE (EU&EEA). . . . 445
When Repairing, Lending, or Disposing of the Printer. . . . 458
Online Manual. . . . 459
Enhanced Printing Options. . . . 460
Printing from Your Computer (Windows). . . . 464
Printing with Easy Setup. . . . 465
Setting the Number of Copies and Printing Order. . . . 470
Using Roll Unit to Use 2-Level Rolls. . . . 471
About 2-Level Roll Switching. . . . 472
Setting the Paper Rolls in the Printer According to the Intended Use. . . . 473
Printing by Automatically Switching Upper-level and Lower-level Roll Papers. . . . 475
How to Switch Paper Rolls. . . . 481
Reflect Roll Unit Settings in the Printer Driver. . . . 486
Printing Photos and Business Documents. . . . 487
Printing By Setting Print Purpose. . . . 488
Edit in PosterArtist and Print. . . . 491
Changing the Print Quality and Correcting Image Data. . . . 493
Adjusting Color Balance. . . . 494
Setting the Print Quality Level (Custom). . . . 496
Printing a Color Document in Monochrome. . . . 498
Specifying Color Correction. . . . 500
Optimal Photo Printing of Image Data. . . . 503

Adjusting Colors with the Printer Driver. 505
Printing with ICC Profiles. 508
Interpreting the ICC Profile. 513
Adjusting Brightness. 514
Adjusting Contrast. 516
Printing Using Detailed Setting Mode. 518
Scaled Printing. 521
Printing to Oversized Paper Sizes. 524
Setting Paper Dimensions (Custom Size). 527
Set a Custom Size Roll Width. 531
Printing without Edges Based on the Scenarios. 533
Printing without Margins to Match Paper Size. 534
Printing without Margins to Match Roll Paper Width. 537
Printing Full-Size without Margins. 540
Three-sided Borderless Printing on Roll Paper. 542
Printing Hanging and Horizontal Banners (Large-Format Printing). 547
Printing by Dividing/Joining Documents. 549
Lining Up and Printing Multiple Documents to Cut Sheets. 550
Printing by Connecting Multiple Pages. 552
Printing Multiple Pages All on One Page. 554
Dividing and Printing Posters. 556
Printing Document in Center of Paper. 559
Printing by Saving Roll Paper. 562
Saving Roll Paper by Rotating Document 90 Degrees. 563
Saving Roll Paper by Eliminating Upper and Lower Margins on Document. 566
Switching the Paper Source to Match the Purpose. 569
Displaying the Print Results before Printing. 571
Link with PosterArtist to print with bright colors. 572
Specify Fluorescent Colors and Print. 573
Other Convenient Settings. 575
Stamp Printing. 576
Registering a Stamp. 577
Setting a Page Size and Orientation. 580
Registering a Frequently Used Printing Profile. 581
Cutting Roll Paper after Printing. 583

Printing from Printer. 585
Printing Data Saved on USB Flash Drive. 586
Printing from Smartphone/Tablet. 589
Enlarging Copy with imageRUNNER ADVANCE. 590
Fitting to Paper Width. 596
Specifying Magnification Level. 597
Printing with Fluorescent Ink. 601
Printer Driver. 603
Windows Printer Driver. 604
Overview of the Printer Driver. 605
Canon IJ Printer Driver. 606
Changing the Print Options. 607
Canon imagePROGRAF Preview. 608
How to Open the Printer Driver Setup Window. 609
Updating Media Information in Printer Driver. 610
Setting Accounting Information. 611
Set a PIN Code for Print Jobs. 614
Deleting the Undesired Print Job. 615
Canon IJ Status Monitor. 616
Checking the Ink Status from Your Computer. 618
Instructions for Use (Printer Driver). 619
Printer Driver Description. 622
Main Tab Description. 623
Page Setup Tab Description. 631
Layout Tab Description. 637
Favorites Tab Description. 643
Utility Tab Description. 645
Device Settings Tab Description. 647
Canon IJ Status Monitor Description. 650
Updating the Printer Driver. 653
Obtaining the Latest Printer Driver. 654
Deleting the Unnecessary Printer Driver. 655
Before Installing the Printer Driver. 656
Installing the Printer Driver. 657

Application Software. 658
Managing Print Jobs. 659
Basic Print Job Operations. 660
Using Printer Hard Disk. 661
Saving Print Jobs in Personal Job Boxes. 663
Priority Printing. 668
Printing Pending Jobs. 670
Printing Security Print Jobs. 672
Deleting Print Jobs. 674
Printing Saved Jobs. 676
Deleting Saved Jobs. 678
Moving Saved Jobs. 680
Advanced Print Job Operations. 681
Saving Print Jobs Sent from Sources Other than Printer Driver. 682
Printing without Saving Jobs in Common Job Box. 684
Setting Passwords for Personal Job Boxes. 685
Naming Personal Job Boxes. 686
Printing List of Saved Jobs. 687
Renaming Saved Jobs. 688
Printer Hard Disk Operations. 689
Checking Free Hard Disk Space. 690
Frequently Asked Questions. 691
I want to easily create vertical or horizontal banners. 695
Does this printer support sub-ink tank system. 696
I want to know how to configure roll cutting. 697
I want to configure so that the roll is cut automatically after waiting for the ink to dry. . . 698
How do I print without borders. 699
I want to know the paper types that can be used in this printer. 700
The paper type that I want to print is not displayed on the Touch Screen. 701
Can I perform duplex printing. 702
I want to perform enlargement printing. 703
Network Settings and Common Problems. 704
Problems Regarding Paper. 705

Remove Jammed Roll Paper. 706
Remove a Jammed Sheet. 712
Roll paper cannot be inserted into the Paper Feed Slot. 716
Paper is not fed automatically. 717
Roll Paper Is not Switched Automatically. 718
Roll Paper Is not Fed Automatically. 719
Paper Source Does Not Switch When Roll Paper Is Used Up. 720
Roll Paper Remains/Lacks under Quantity Management. 721
Cannot load sheets. 722
Paper is not cut straight. 723
Paper is not cut. 725
Cutter Blade Does Not Work While Cutting Is in Progress. 726
The size of clear film cannot be detected. 727
Margins are wide. 728
When printing on roll paper, the printed surface becomes scratched. 729
Printing Does Not Start. 730
Printer Suddenly Stopped Working for Some Reason. 731
The Data lamp on the Operation Panel does not light up. 736
The printer does not respond even if print jobs are sent. 737
"Preparing the ink system." is displayed. 738
"Agitating the ink" is displayed. 739
Message Is Displayed and Borderless Printing Fails. 740
The Printer Stops During a Print Job. 742
Printing stops and an error message is displayed. 743
The printer ejects blank, unprinted paper. 744
Problems with the Printing Quality. 745
Printing is faint. 746
Paper rubs against the Print Head. 748
The edges of the paper are dirty. 750
The surface of the paper is dirty. 753
The back side of the paper is dirty. 755
Immediately after borderless printing, the trailing edge margin is soiled during regular printing. 757
Printed colors are inaccurate. 758
Banding in different colors occurs. 760
Colors in printed images are uneven. 763
Image edges are blurred or white banding occurs. 766

The length of the printed image in the paper ejection direction is not accurate. . . . 768
Images are printed crooked. . . . 770
Documents are printed in monochrome. . . . 771
Line thickness is not uniform. . . . 772
Lines or colors are misaligned. . . . 774
Borders appear in borderless printing. . . . 776
Cannot Print over Network. . . . 777
Cannot Connect Printer to Network. . . . 778
Cannot Print over TCP/IP Network. . . . 779
Cannot Print over Bonjour networks. . . . 780
Cannot Find Printer on Network. . . . 781
Cannot Find Printer During Setup. . . . 782
Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen. . . . 786
Searching Printer by IP Address or Host Name During Setup. . . . 788
Cannot Find Printer while Using Wi-Fi. . . . 791
Cannot Find Printer while Using Wired LAN. . . . 794
Cannot Print Using AirPrint. . . . 795
Installation Problems. . . . 796
Removing Printer Software. . . . 797
Taking Time to Setup Process (Windows). . . . 799
Failed to Printer Driver Installation (Windows). . . . 800
Other Problems. . . . 802
Printer does not turn on. . . . 803
If the Printer Makes a Strange Sound. . . . 804
Messages advising to check the maintenance cartridge are not cleared. . . . 806
Printer consumes a lot of ink. . . . 807
Printed pages are not collected cleanly in the basket. . . . 808
Basket Lurches. . . . 809
When Trim edge first is set, the trimmed paper is drawn into the roll unit. . . . 810
Ink Level Detection. . . . 811
Media Type Selection does not Match Loaded Media Type. . . . 812
Warning Message is Displayed When Performing Color Calibration. . . . 813
List of Support Code for Error. . . . 814
1005. . . . 817
100A. . . . 818

100B. 819
100E. 820
100F. 821
1012. 822
1018. 823
1019. 824
1021. 825
1022. 826
1023. 827
1024. 828
1025. 829
1034. 830
1035. 831
1036. 832
1039. 833
1040. 834
1051. 835
1052. 836
1054. 837
1056. 838
1057. 839
1058. 840
1059. 841
1061. 842
1200. 843
1201. 844
1210. 845
1213. 846
1214. 847
1300. 848
1306. 849
1317. 850
1318. 851

1322. 852
1323. 853
1324. 854
1325. 855
1326. 856
1327. 857
1328. 858
1329. 859
1401. 860
1403. 861
1408. 862
1409. 863
140A. 864
140B. 865
140C. 866
140F. 867
1468. 868
1477. 869
1478. 870
1480. 871
1481. 872
1485. 873
1492. 874
1494. 875
1495. 876
1500. 877
1551. 878
1552. 879
1570. 880
1571. 881
1660. 882
168B. 883
1720. 884

1721. 885
1722. 886
1730. 887
1731. 888
1752. 889
1753. 890
1756. 891
1757. 892
1875. 893
2001. 894
2002. 895
2130. 896
2131. 897
2132. 898
3000. 899
3001. 900
3101. 901
3200. 902
3201. 903
3250. 904
3306. 905
3311. 906
3312. 907
3313. 908
3314. 909
3315. 910
3316. 911
3317. 912
3331. 913
3332. 914
3333. 915
3334. 916
3335. 917

3336. 918
3338. 919
3341. 920
3350. 921
3351. 922
3352. 923
3414. 924
3415. 925
3416. 926
3417. 927
3418. 928
3419. 929
3420. 930
3421. 931
3422. 932
3423. 933
3424. 934
3448. 935
3451. 936
4107. 937
4111. 938
4112. 939
4114. 940
4116. 941
4117. 942
4119. 943
4120. 944
4121. 945
4122. 946
4801. 947
4803. 948
4804. 949
4805. 950

4806. 951
4900. 952
4901. 953
4903. 954
4905. 955
4909. 956
4910. 957
4911. 958
4913. 959
4920. 960
4924. 962
4925. 963
4926. 964
4927. 965
4931. 966
4932. 967
4933. 968
4934. 969
4935. 970
4950. 971
4951. 972
4952. 973
4953. 974
4954. 975
4955. 976
4956. 977
5200. 978
5A60. 979
5A61. 980
5B10. 981
5B16. 982
5B20. 983
5B21. 984

5C00. 985
6502. 986
6700. 987
6702. 988
6820. 989
6900. 990
6901. 991
6902. 992
6910. 993
6911. 994
6920. 995
6921. 996
6930. 997
6931. 998
6932. 999
6933. 1000
6940. 1001
6941. 1002
6942. 1003
6943. 1004
6944. 1005
6945. 1006
6946. 1007
7050. 1008
7051. 1009
7052. 1010
8200. 1011
9000. 1012
9110. 1013
B20A. 1014
B510. 1015

Using This Online Manual

- Symbols Used in This Document
- Touch-enabled Device Users (Windows)

Symbols Used in This Document

Warning

Instructions that, if ignored, could result in death, serious personal injury, or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Caution

Instructions that, if ignored, could result in personal injury or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Important

Instructions including important information that must be observed to avoid damage and injury or improper use of the product. Be sure to read these instructions.

Note

Instructions including notes for operation and additional explanations.

Basics

Instructions explaining basic operations of your product.

Note

- Icons may vary depending on your product.

Touch-enabled Device Users (Windows)

For touch actions, you need to replace "right-click" in this document with the action set on the operating system. For example, if the action is set to "press and hold" on your operating system, replace "right-click" with "press and hold."

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Lua

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LuneScript

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Basic Operation

- **Printer Parts**
  - Printer Parts
  - Optional accessories
- **Printing procedure**
- **Canceling print jobs**
- **Pausing Printing**

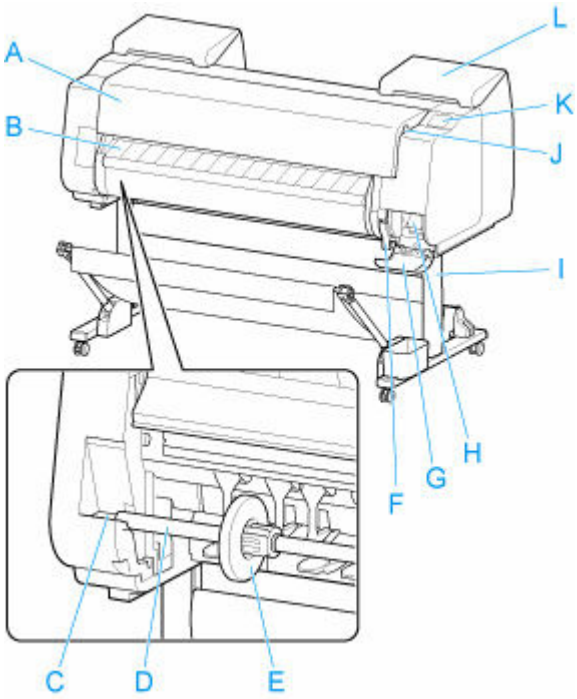
Printer Parts

- **Printer Parts**
  - Front
  - Back
  - Top Cover (Inside)
  - Carriage
  - Ink Tank Cover (Inside)
  - Operation Panel
- **Optional accessories**
  - Stand
  - Stand Parts
  - Roll Unit
  - Parts of the Roll Unit
  - Roll Holder Set

Printer Parts

- Front
- Back
- Top Cover (Inside)
- Carriage
- Ink Tank Cover (Inside)
- Operation Panel

Front



(A) Top Cover

Open this cover to install the print head, load paper, and remove any jammed paper from inside the printer as needed. (See "Top Cover (Inside).")

(B) Output 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) Holder Stopper

Secure the roll on the Roll Holder with this part.

(F) Release Lever

To release paper retainer, lift the lever.

(G) Maintenance Cartridge Cover

Open this cover to replace the maintenance cartridge.

(H) Maintenance Cartridge

Ink used for maintenance purposes such as head cleaning is absorbed. (Replace the cartridge when it is full.)

(I) Stand

A stand that holds the printer. Equipped with casters to facilitate moving it. (See "Stand Parts.")

(J) USB flash drive port

Insert a USB flash drive to this port.

(K) Touch Screen

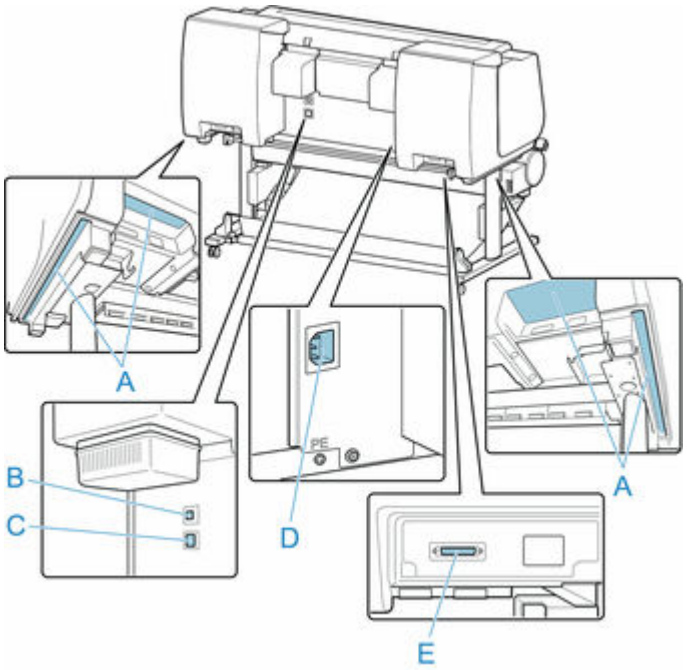
Use this screen to operate the printer and check the printer status. (See "Operation Panel.")

(L) Ink Tank Cover

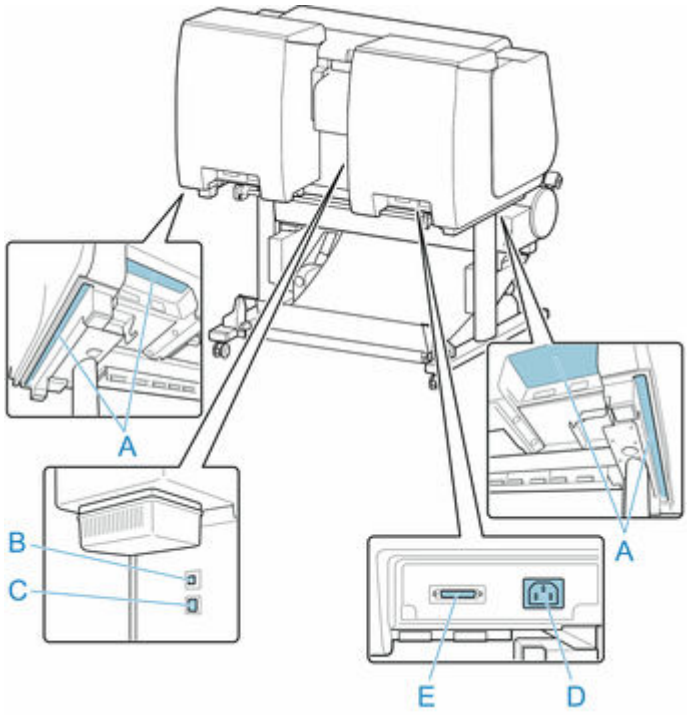
Open this cover to replace the ink tank. (See "Ink Tank Cover (Inside).")

Back

- GP-4000 / GP-540



- GP-2000 / GP-520



(A) Carrying Grips

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) Wired LAN Connector

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.

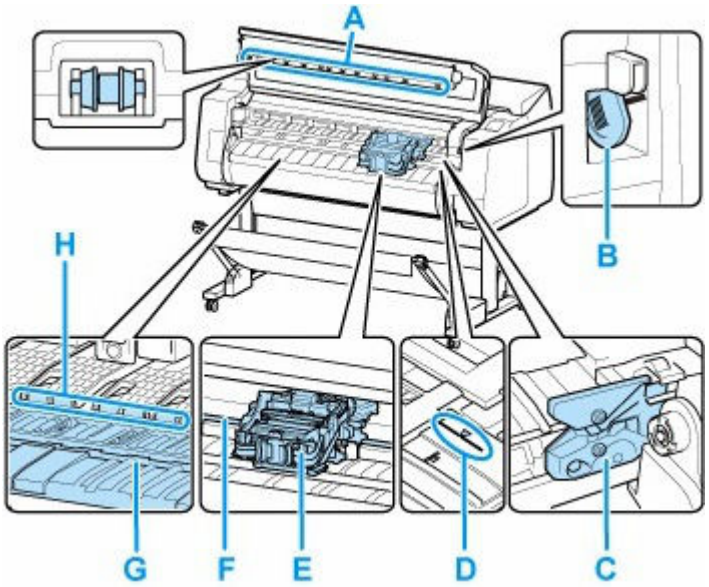
(D) Power Cord Connector

Connect the power cord to this connector.

(E) Roll Unit Power Supply Inlet

Connect the connection cord for the roll unit.

Top Cover (Inside)



(A) Top Cover Roller

Prevents paper from rising when ejected.

(B) Cleaning Brush

When cleaning inside the printer under the top cover, use this brush to sweep away paper dust on the platen.

(C) Cutter Blade

A round-bladed cutter for automatic paper cutting.

(D) Paper Alignment Line

Align paper with this line when loading it.

(E) Carriage

Moves the print head. It serves a key role in printing. (See "Carriage.")

(F) Carriage Shaft

The Carriage slides along this shaft.

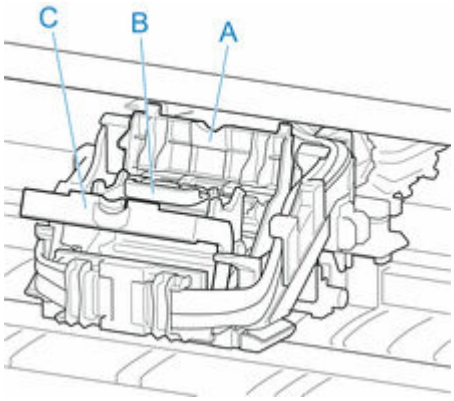
(G) Platen

The print head moves across the platen to print. Vacuum holes on the platen hold paper in place.

(H) Paper Retainer

Important in supplying the paper. This retainer holds paper as it is fed.

Carriage



(A) Print Head Locking Cover

Secures the print head.

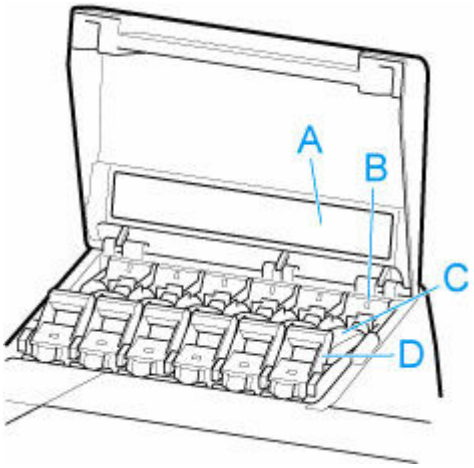
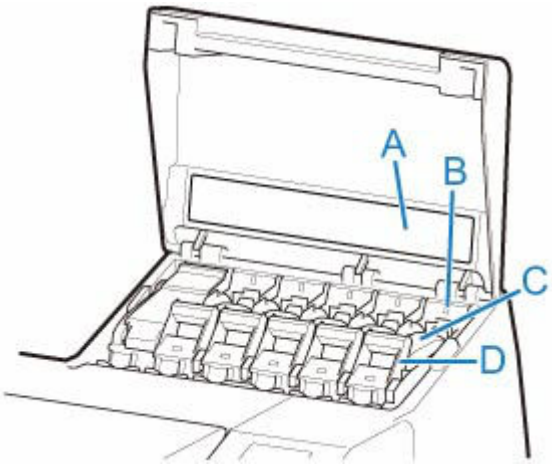
(B) Print Head

The print head is equipped with ink nozzles. The carriage serves a key role in printing.

(C) Print Head Lock Lever

Lock print head locking cover.

Ink Tank Cover (Inside)

Left Side	Right Side
	

The figure shows the printer as loaded with a 23.7 fl oz (700 ml) ink tank.

(A) Ink Color Label

Load an ink tank that matches the color and name on this label.

(B) 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**

  Ink tank is empty.

Note

- When there is little ink left, the ink lamp is lit and appears on the touch screen.

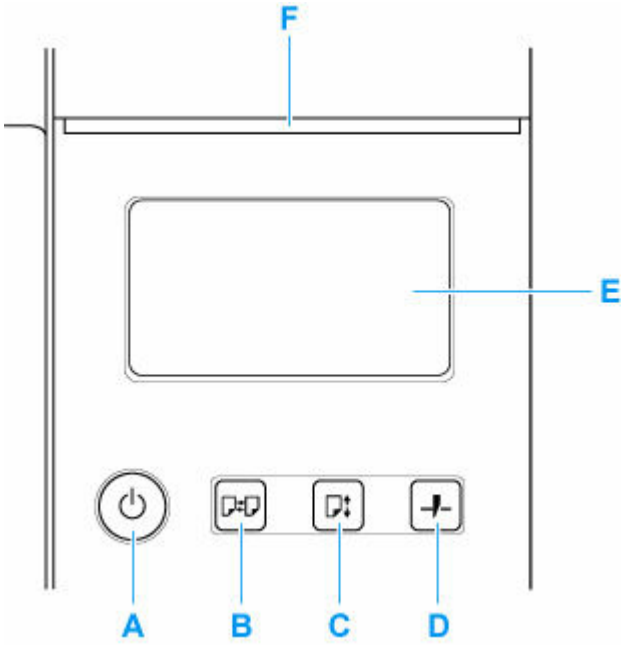
(C) Ink Tank

Cartridges of ink in various colors.

(D) 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.

Operation Panel



A: ON button / ON lamp

Turns the printer on and off.

➡ Turning the Printer On and Off

The **ON** lamp is lit when the printer is on or in Sleep mode.

B: Load button

Loads the paper when it is set or replaced.

➡ Loading the Upper Roll on the Printer
➡ Loading the Lower Roll on the Roll Unit (Option)
➡ Loading Sheets in the Printer

C: Feed button

Changes the paper position when the roll paper is loaded.

➡ Feeding Roll Paper Manually

D: Cut button

Cuts the paper when the roll paper is loaded.

➡ Specifying the Cutting Method for Rolls

E: Touch Screen

Shows printer menus, as well as the printer status and messages. You can select menu items and display buttons by gently touching the screen with your fingertip.

➡ Home Screen Menu Composition

F: Status lamp

- Flashing (white)

  During printing, this 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.

- Lit (orange)

  A warning message is displayed.

- Flashing (orange)

  An error message is displayed.

- Off

  There are no active print jobs, warnings, or errors.

Note

- When the printer is in Sleep mode, to restore the display, press the buttons on the operation panel or touch the touch screen.
- When Operation panel lock is enabled, touch screen operations are invalid. For details on Operation panel lock, see Changeable Setting Items Using Remote UI.

Optional accessories

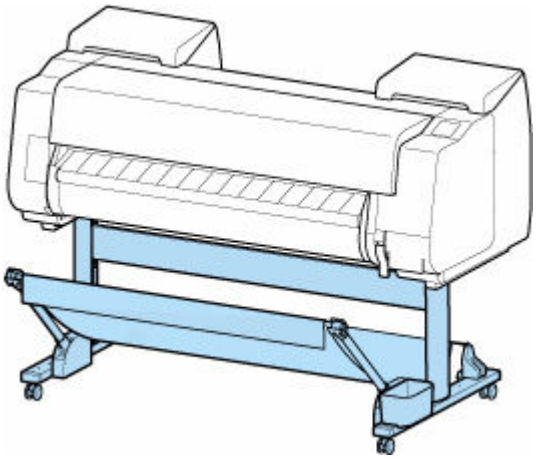
- Stand
- Stand Parts
- Roll Unit
- Parts of the Roll Unit
- Roll Holder Set

Stand

The following Stand can be used with the printer.

- GP-2000 / GP-520 : Printer Stand SD-21

  The GP-4000 and GP-540 models come with the stand included.



For more information on the main parts of the stand, see "Stand Parts".

Important

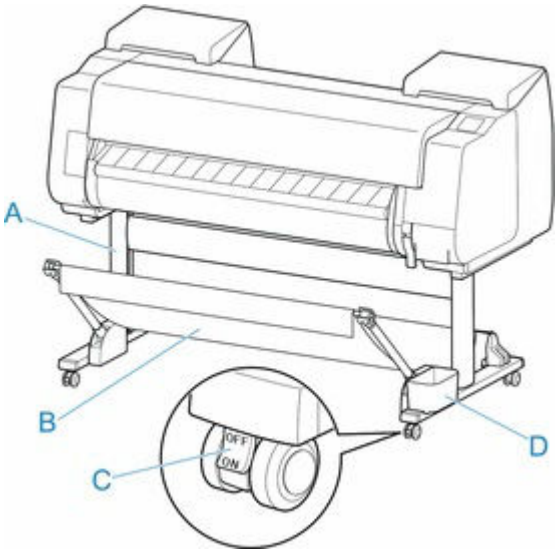
- When moving the stand, be sure to set the locking caster lock to the OFF position to release the lock.

  If you move it while the locking caster are locked, the floor may become scratched.

Note

- For instructions on installing the stand, see the Setup Guide provided with the stand.

Stand Parts



(A) Stand Unit

A stand that holds the printer. Equipped with casters to facilitate moving the printer.

(B) Basket

Catches the ejected printed documents. (See "Parts of the Basket.")

(C) Locking Caster

A locking caster that, when the lock is in the ON position, immobilizes the printer.

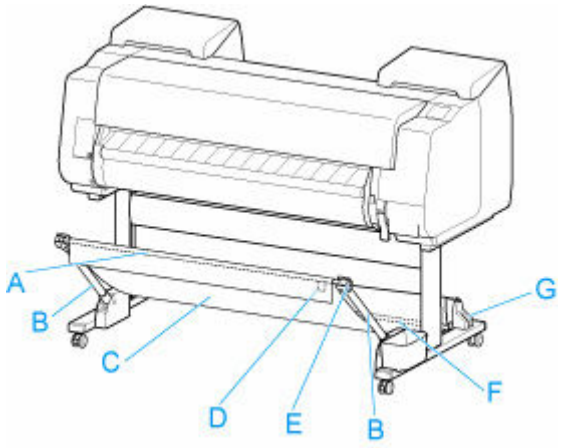
When moving the stand, be sure to set the locking caster lock to the OFF position to release the lock.

If you move it while the locking casters are locked, the floor may become scratched.

(D) Accessory Pocket

Store printer manuals, assembly tools, and other items in this pocket.

Parts of the Basket



(A) Basket Rod (tag side)

Secures the cloth basket to the tips of the basket arm.

(B) Basket Arm

Retains the basket rod (tag side).

By changing the length and the angle, you can make the basket suitable for various conditions.

(C) Basket

A cloth tray that catches ejected documents.

(D) White Tag

Marks indicating basket attachment orientation.

(E) Basket Rewind Button

Press this button when rewinding the basket after it has been wound on the basket rod (tag side).

(F) Basket Rod (cord side)

Secures the cloth basket on the rod holder.

(G) Rod Holder

Retains the basket rod (cord side).

For instructions on how to use the basket, see "Using the Basket" and "Example Basket Configurations". When not using the basket, you can lower it and store alongside of the stand. (See "Storing the Basket.")

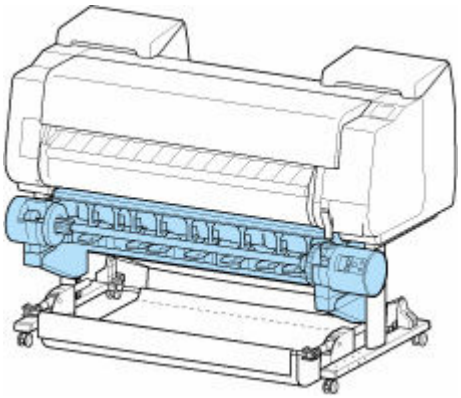
Roll Unit

The roll unit functions as a feed device that can accommodate an additional roll for a total of two rolls on the printer and as a take-up device that automatically takes up the printed roll paper.

Switch between these two functions depending on the circumstances.

You can use the following roll unit with this printer.

- GP-4000 / GP-540 : Roll Unit RU-43
- GP-2000 / GP-520 : Roll Unit RU-23

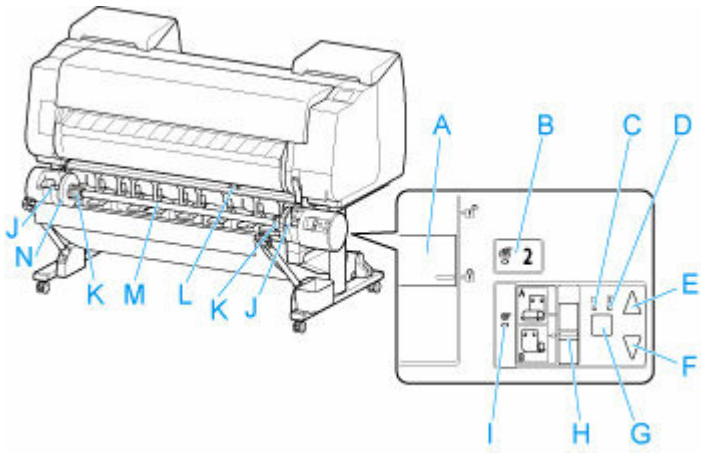


For details on the main parts of the roll unit, see "Parts of the Roll Unit."

Note

- For instructions on installing the roll unit, see the documentation provided with the roll unit.

Parts of the Roll Unit



(A) Roll Holder Lock Switch

Locks and releases the Roll Holder loaded in the roll unit.

(B) Feed Mode Lamp

Lights up when you have selected the feed mode on the roll unit.

(C) Auto Take-up Lamp

Lights up when the paper is being taken up.

(D) Pause Lamp

Lights up when the paper winding is paused.

(E) Take-up Button

You can rotate the roll unit the desired amount as long as winding is not in progress. When the winding direction is set to inward winding, the unit takes up the paper; when it is set to outward winding, the unit rewinds the paper.

(F) Rewind Button

You can rotate the roll unit the desired amount as long as winding is not in progress. When the winding direction is set to inward winding, the unit rewinds the paper; when it is set to outward winding, the unit takes up the paper.

(G) Auto Take-up/Pause Button

Pauses and resumes the taking up of paper.

(H) Inward/Outward Winding Changeover Switch

Changes the winding direction when the paper is wound (inward winding and outward winding).

(I) Take-up Mode Lamp

Lights up when you have selected the take-up mode on the roll unit.

(J) Roll Holder Slot

Slide the Roll Holder into these guide grooves.

(K) 3-Inch Paper Core Attachment

Attaches to the Roll Holder when you are using a roll paper with a 3-inch paper core.

(L) Feed Flap Switch

Change the feed flap position depending on the roll unit mode.

(M) Roll Holder

Load the roll on this holder.

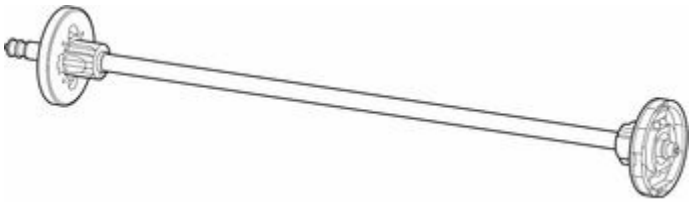
(N) Holder Stopper

This part secures the roll paper on the Roll Holder.

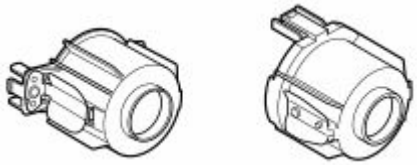
Roll Holder Set

Load roll paper on the roll holder and then load the holder in the printer. You can use the roll holder with both 2-inch and 3-inch paper cores. However, if using 3-inch core roll paper, attach the 3-inch paper core attachment. (See "Loading Rolls on the Roll Holder.").

- GP-4000 / GP-540 : Roll Holder Set RH2-46
- GP-2000 / GP-520 : Roll Holder Set RH2-29
  - Roll Holder (for 2- and 3-inch paper cores)



  - 3-Inch Paper Core Attachment (×2)



Printing procedure

- Turning the Printer On and Off
- Loading and Printing on Rolls
- Loading and Printing on Sheets
- Printing in Windows
- Printing from macOS

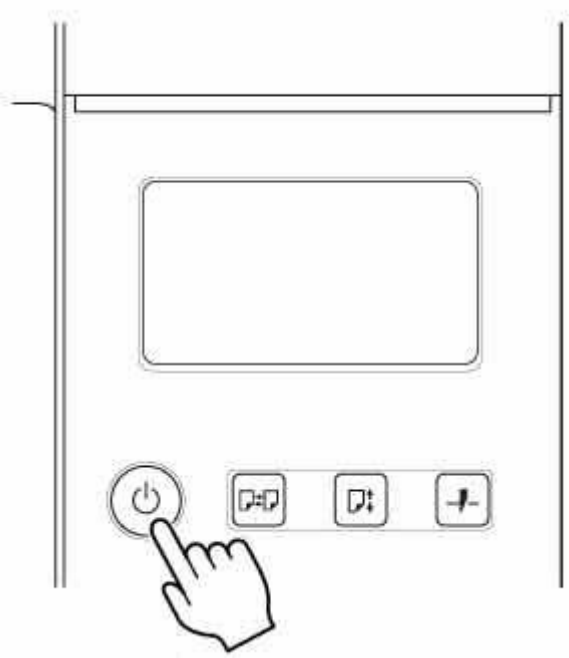
Turning the Printer On and Off

Turning the printer on

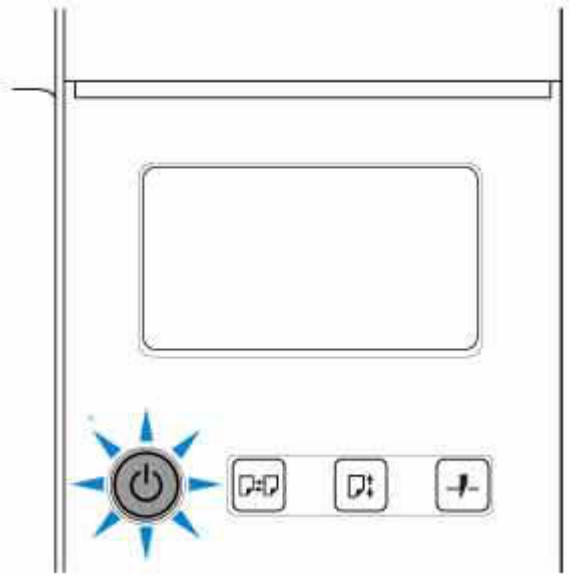
1. Press **ON** button to turn on printer.

   The printer will now start up.

   The Canon logo appears on the touch screen, and then "**Starting the system Please wait.**" appears.



   When startup is finished, **ON** button lights up, and printer enters standby mode.



The printer will not enter standby mode in the following situations. Take action as necessary.

- **The top cover is open**

  Close the top cover.

- **The ink tank cover is open**

  Close the ink tank cover.

- **The print head is not installed**

  ➡ Replacing the Print Head

- **The ink tank is not installed**

  ➡ Replacing Ink Tanks

- **Error appears on touch screen**

  Check the message on the touch screen and take action as necessary.

- **The ON button and Status lamp never light up, and nothing appears on the touch 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.") (See "Loading and Printing on Sheets.")

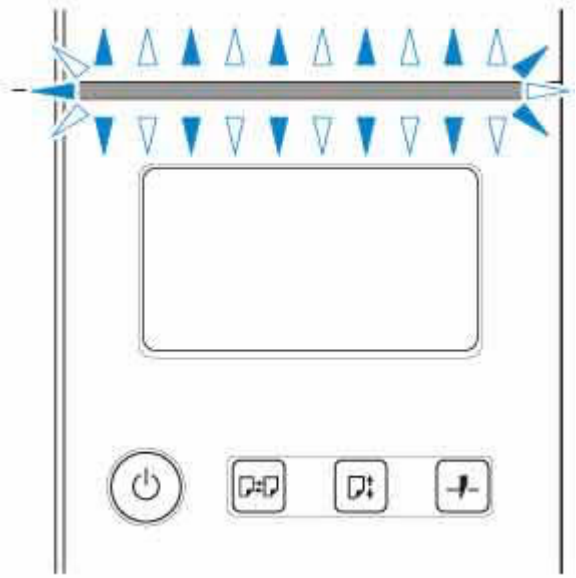
Turning the printer off

Important

- 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.

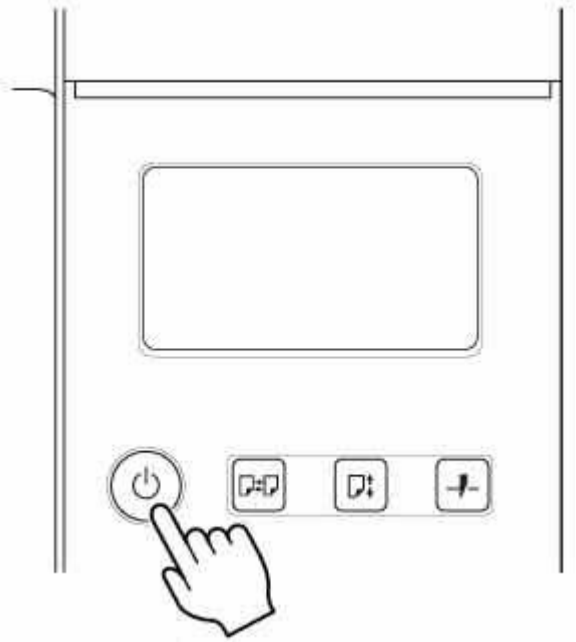
   While the **Status** lamp is flashing, the printer is running. The color of the lamp indicates the following states.



If the **Status** lamp is flashing orange, check the message on the touch screen and take action as necessary.

If the **Status** lamp is flashing white, the printer is receiving a print job. Turn off the printer after printing is finished.

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



"**Turning off... Please wait momentarily**" appears on the touch screen, and the printer turns off.

Loading and Printing on Rolls

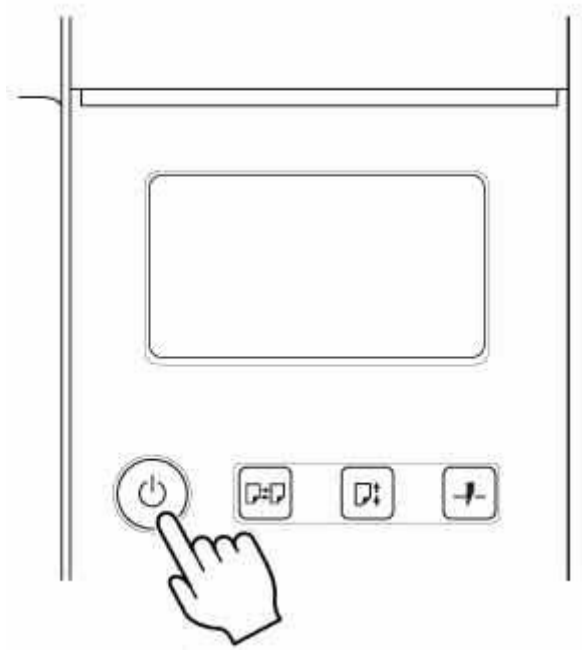
These are the basic steps for loading and printing on rolls.

Follow these steps to load and print on rolls.

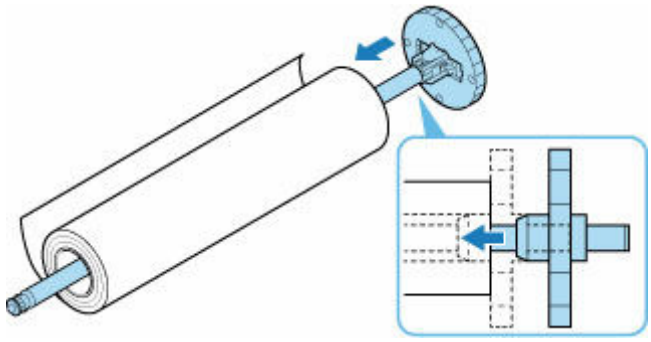
Note

- For details on roll paper sizes and types that can be used, see "Paper Sizes" or "Paper Information List".
- 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.")
- 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.")

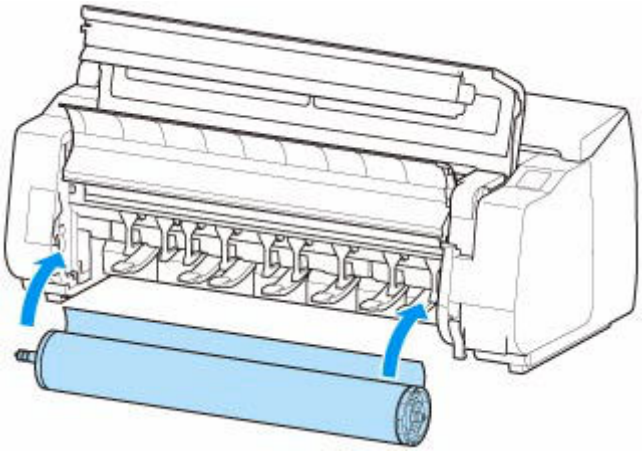
1. Turn the printer on. (See "Turning the Printer On and Off.")



2. Load a roll on the Roll Holder. (See "Loading Rolls on the Roll Holder.")



3. Load roll paper in printer or roll unit. (See "Loading the Upper Roll on the Printer.") (See "Loading the Lower Roll on the Roll Unit (Option).")



4. Select the type of paper. (See "Changing the Type of Paper.")

Note

- If no barcode has been printed on the roll paper and you have set **Manage remaining roll amount** to **Barcodes**, specify the roll length after selecting the media type. (See "Specifying the Paper Length.")

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

- How to Open the Printer Driver Setup Window (Windows)
- How to Open the Printer Driver Setup Dialog (macOS)

6. Send the print job.

- Printing in Windows
- Printing from macOS

The printer now starts printing the print job.

Loading and Printing on Sheets

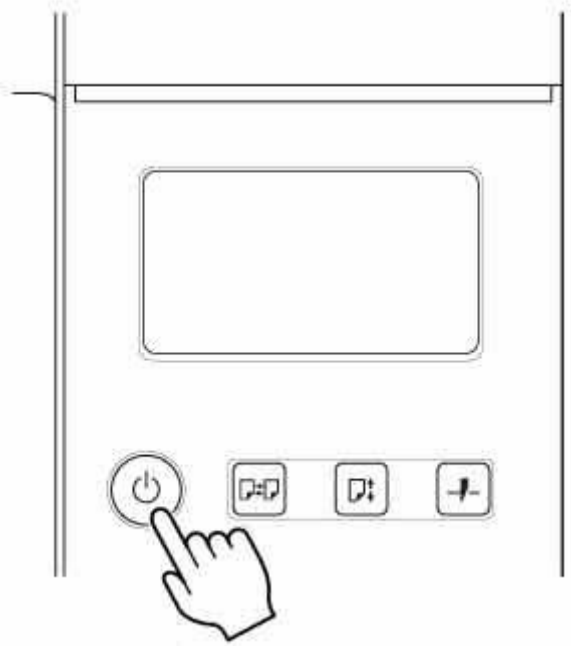
These are the basic steps for loading sheets and then printing.

Follow the steps below to load and print on sheets.

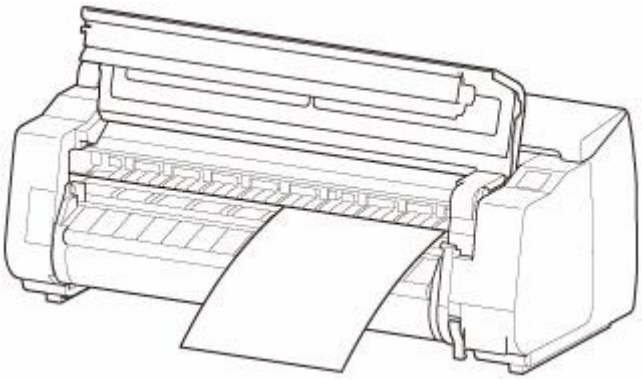
Note

- For details on paper sizes and types that can be loaded, see "Paper Sizes" or "Paper Information List".
- Borderless printing is not supported on sheets.

1. Turn the printer on. (See "Turning the Printer On and Off.")



2. Load the sheet. (See "Loading Sheets in the Printer.")



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

   - How to Open the Printer Driver Setup Window (Windows)
   - How to Open the Printer Driver Setup Dialog (macOS)

4. Send the print job.

   - Printing in Windows
   - Printing from macOS

   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.

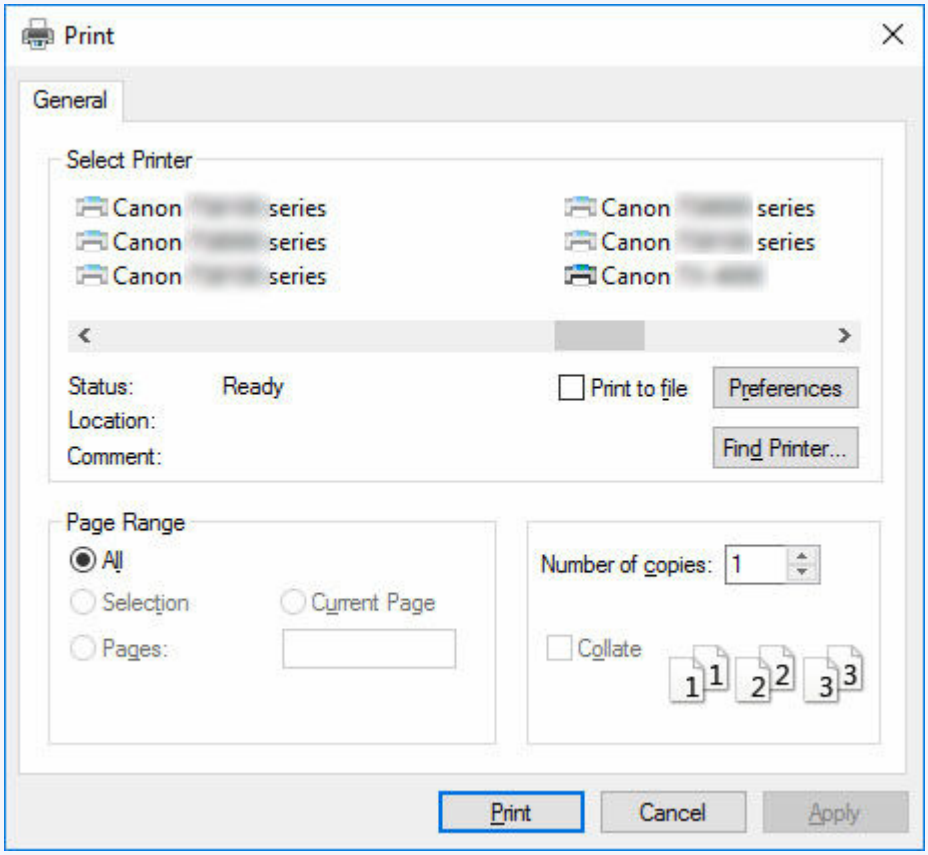
1. In the source application, select **Print** from the **File** menu to display the dialog box for printing conditions.

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

Note

- 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**.

You can use the printer driver dialog box to configure various printing settings such as for enlarged or reduced printing and borderless printing. You can open the printer driver dialog box from the application software or from the operating system menu. For details, see "How to Open the Printer Driver Setup Window" (Windows) or "How to Open the Printer Driver Setup Dialog" (macOS).

Printing from macOS

Print from the application menu after registering the printer.

Important

- 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 macOS X) in **System Preferences** before printing.

For instructions on registering printers, see "Sharing the Printer on a Network (macOS)."

Important

- 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.

   Note

   - 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.

     ➡ Print Dialog (macOS)

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

3. Click **Print** to start printing.

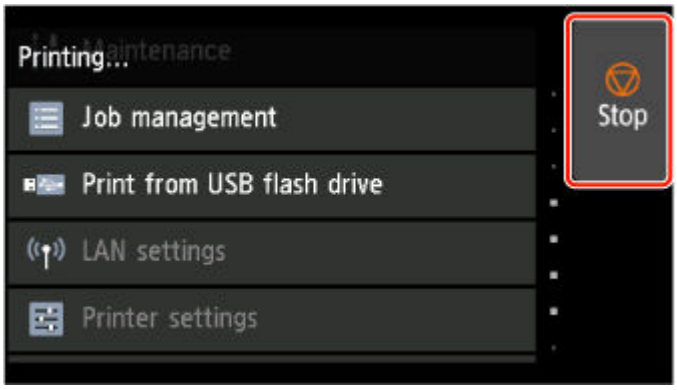
   You can make various settings from the print dialog box pop-up menu to change the printing method, including enlarged and reduced printing, and borderless printing.

Canceling print jobs

- Canceling Print Jobs from the Control Panel
- Canceling Print Jobs from Windows
- Canceling Print Jobs from macOS

Canceling Print Jobs from the Control Panel

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



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

- **You press the Stop button before printing starts**

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

- **You press the Stop button during printing**

  Pressing the **Stop** button during printing displays 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 Canon IJ Status Monitor, you can cancel print jobs that have already been received by the printer or that are currently being printed.

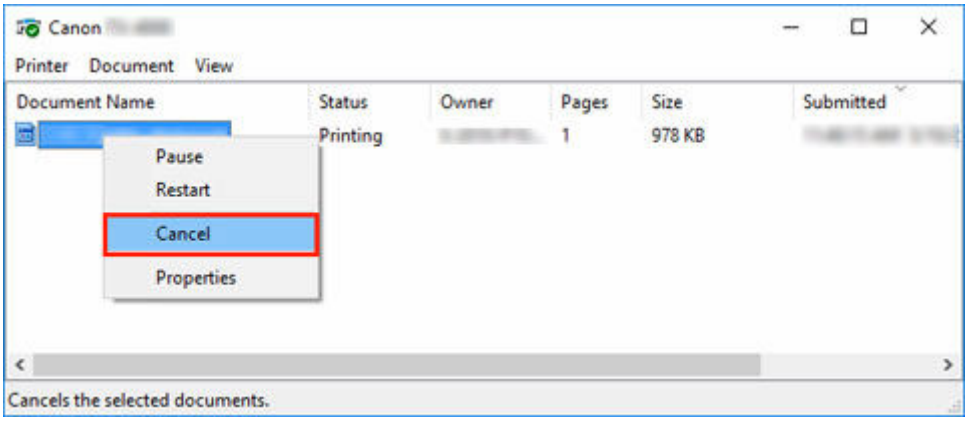
1. Click the printer icon in the taskbar to display the printer window.

   Note

   - You can proceed from the folder for configuring the printer settings in the OS you are using.

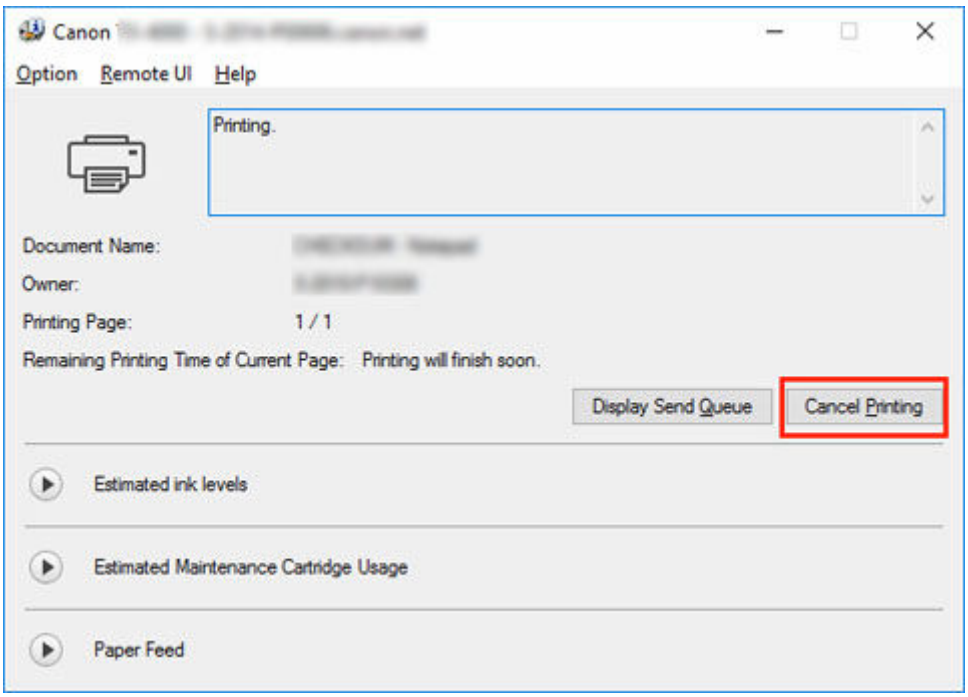
     For example, in Windows 7, open the **Devices and Printers** window from the **start** menu and double-click the printer icon.

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



3. If job to be canceled is not shown in printer window (that is, if print data has already been received by printer), click taskbar icon to display Canon IJ Status Monitor.

4. Click **Cancel Printing**.



Note

- The screen may differ slightly depending on the model you are using.

Canceling Print Jobs from macOS

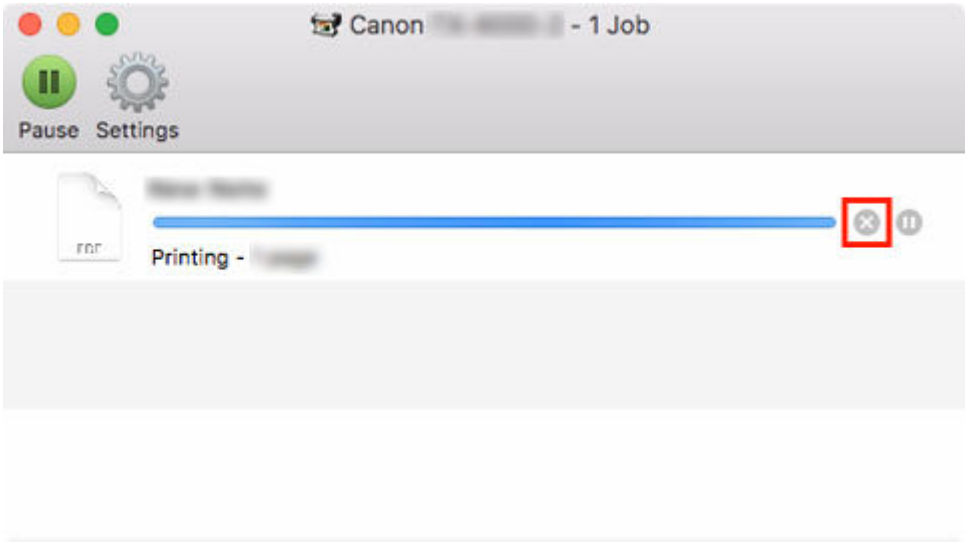
In the printer window, you can cancel jobs that are being sent to the printer.

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.

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.



Note

- If the job to be canceled is not shown in the printer window (that is, if the print data has already been received by the printer), you can cancel printing from the operation panel on the printer or from RemoteUI. For details, "Canceling Print Jobs from the Control Panel" or see "Deleting Print Jobs."

Pausing Printing

Pausing Printing

Pausing Printing

During printing, if you set **Pause printing** to **Enable**, the printer enters a state in which printing is paused, after the completion of the printing process when this setting was made.

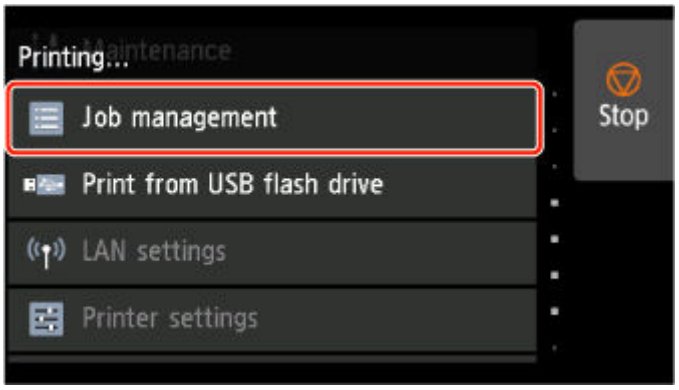
In this state, all printing is not executed.

To restore normal operation after pausing printing, set **Pause printing** to **Disable**.

Note

- In the following cases, the status is cleared even if you do not set **Pause printing** to **Disable**.
  - When paper is advanced
  - If you changed the media type from the paper settings display area

1. Tap **Job management** on Home screen during printing.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap **Pause printing**.

3. Tap **Enable** or **Disable**.

Handling and Use of Paper

- **Paper**
  - Types of Paper
  - Paper Sizes
  - Using Paper Other Than Genuine Paper and feed confirmed Paper
    - Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings
    - Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type
  - Paper Information List
  - Updating paper information
- **Handling rolls**
  - Loading Rolls on the Roll Holder
  - Loading the Upper Roll on the Printer
  - Loading the Lower Roll on the Roll Unit (Option)
  - Changing the Type of Paper
  - Specifying the Paper Length
  - Removing the Upper Roll from the Printer
  - Removing the Lower Roll from the Roll Unit (Option)
  - Removing Rolls From the Roll Holder
  - Remove Jammed Roll Paper
  - Feeding Roll Paper Manually
  - Keeping Track of the Amount of Roll Paper Left
  - Specifying the Amount of Extension for Borderless Printing
  - Specifying the Ink Drying Time
  - Specifying the Cutting Method for Rolls
  - Cutting the Leading Edge of Roll Paper Automatically
  - Reducing Dust from Cutting Rolls

- Automatically Switch Rolls

Handling sheets

- Loading Sheets in the Printer
- Changing the Type of Paper
- Printing From a Desired Starting Point
- Removing Sheets
- Remove a Jammed Sheet
- Specifying the Ink Drying Time

Basket

- Using the Basket
- Example Basket Configurations
- Storing the Basket

Roll Unit

- Switching Roll Unit Modes
- Using the Roll Unit In Take-Up Mode
- Removing Printed Paper from the Roll Unit

Adding/Editing Media Information

Paper

- **Types of Paper**
- **Paper Sizes**
- **Using Paper Other Than Genuine Paper and feed confirmed Paper**
  - Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings
  - Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type
- **Paper Information List**
- **Updating paper information**

Types of Paper

The following media types are supported by the printer. For details on the media types supported by the printer, see "Paper Information List."

- Plain Paper
- Coated Paper
- Photo Paper
- Glossy Paper
- Proofing Paper
- CAD-dedicated Paper Etc.

The Paper Information List includes the following information.

- Types of paper
- Paper handling
- Paper product specifications
- Use precautions
- Setting of printer driver, control panel etc.

Note

- For instructions on using paper not included in the Paper Information List, see "Using Paper Other Than Genuine Paper and feed confirmed Paper."

- **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.")

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.

  ➡ Media Configuration Tool Guide

Paper Sizes

Rolls

Rolls that meet the following conditions are supported.

- Outer diameter is 6.7 inches (170 mm) or less
- Inner diameter of paper core: 2 or 3 inches
- Printing side out

Roll Paper Width	GP-4000 / GP-540 : 44.02 in. (1118.0 mm) to 6.00 in. (152.4 mm) GP-2000 / GP-520 : 24.02 in. (610.0 mm) to 6.00 in. (152.4 mm)
Roll paper width recommended for borderless printing(*1,*2)	**44 in Roll (1117.6mm)** **42 in Roll (1066.8mm)** **B0/B1 Roll (1030.0mm)** **36 in Roll (914.4mm)** **A0/A1 Roll (841.0mm)** **B1/B2 Roll (728.0mm)** **24 in Roll (609.6mm)** **A1/A2 Roll (594.0mm)** **B2/B3 Roll (515.0mm)** **17 in Roll (431.8mm)** **14 in Roll (355.6mm)** **10 in Roll (254.0mm)**
Minimum Paper Length	4.00 in. (101.6 mm) Excludes cloth/canvas paper.
Maximum Printable Length	59 feet (18 m) depends on the OS and application.
Thickness	3 mil (0.07 mm) to 31 mil (0.8 mm)

*1:Borderless printing may not be available depending on the media type. For details on media types that can be used for borderless printing, see "Paper Information List."
*2:You can perform borderless printing without specifying **Roll paper width** recommended for it. As opposed to standard borderless printing, there will be a small margin on the left and right because the paper width is set a little bit smaller than the width of the document.

Sheets

Sheets of the following sizes are supported.

Sheet Width	GP-4000 / GP-540 : 44.02 in. (1118.0 mm) to 6.00 in. (152.4 mm) GP-2000 / GP-520 : 24.02 in. (610.0 mm) to 6.00 in. (152.4 mm)

Minimum Paper Length	8.00 in. (203.2 mm)
Maximum Printable Length	5.2 feet (1.6 m)
Thickness	3 mil (0.07 mm) to 31 mil (0.8 mm)

Note

- For details on non-standard sizes, see "Setting Paper Dimensions (Custom Size)" (Windows) or "Setting Paper Dimensions (Custom Size)" (macOS).
- 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

- For Canon genuine paper/feed confirmed paper, see "Paper Information List."

- Paper where the size is described in "Paper Sizes" (See "Paper Sizes.")
- 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 Canon genuine paper and feed confirmed paper, Canon provides absolutely no guarantees regarding print quality or paper feed properties. For Canon genuine paper/ feed confirmed paper, see "Paper Information List."

After loading the paper in the printer, select the media type in the control panel and printer driver and then perform the printing. For the media type, you can select easily from existing settings or you can create and use settings for the paper you are using.

Printing Using Existing Settings

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.")

Printing Using Additional Settings

You can use the Media Configuration Tool function for adding custom paper to create settings suitable for non-Canon genuine paper/feed confirmed paper and add as a new media type to the printer's Control Panel and the printer driver for printing. (See "Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type.")

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 the 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 different media types.

Important

- The Canon genuine paper settings provided in the printer control panel and printer driver are optimized for Canon genuine paper. If these settings are selected for printing on paper other than Canon genuine paper, the ink may bleed or the print head may rub against the paper. To easily print on paper other than Canon genuine paper and feed confirmed paper, we recommend that you select one of the following general-purpose paper settings.

Note

- For an overview of the media types, see "Types of Paper."
- For instructions on selecting the media type with the control panel, see "Types of Paper". For instructions on selecting the media type with the printer driver, see "How to Open the Printer Driver Setup Window" (Windows) or "How to Open the Printer Driver Setup Dialog" (macOS).

Choosing General-Purpose Paper Settings

These settings anticipate a wide variety of paper other than Canon genuine paper and feed confirmed paper, and, therefore, these settings make it difficult for bleeding ink and print head rubbing to occur. For details on the relationships between the conditions of paper other than Canon genuine paper and feed confirmed paper and the media type to select, see "Paper Information List."

Note

- If you cannot obtain the desired results by selecting the general-purpose paper settings, use the custom paper adding function in Media Configuration Tool to create settings suitable for the paper you are using. For details, see "Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type."

Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type

Media Configuration Tool provides a function for adding custom paper for better print quality and improved paper feed properties when printing on paper other than Canon genuine paper/feed confirmed paper than when printing with general-purpose settings. You can use this function to configure settings such as the amount of ink used and the height of the print head according to the characteristics of the paper being used, and thereby realize higher print quality. Also, you can add the settings created with this function as a new media type to the printer control panel and printer driver.

For details on Media Configuration Tool, refer as follows.

➡ Media Configuration Tool Guide

Important

- For details on how to select the added media type in the control panel, see "Changing the Type of Paper."
- You can select the media type to be used in printing from **Media Type** in the **Main** sheet (Windows) or **Quality & Media** (macOS) in the printer driver. For details, see "Main Tab Description" (Windows) or "Quality & Media" (macOS).
- We recommend that you use an ICC profile created using commercially available profile creation software to perform color management accurately on paper other than Canon genuine paper and feed confirmed paper. You can register the ICC profile you created when creating a custom paper with Media Configuration Tool. See "Adding Custom Paper" in Media Configuration Tool Guide.

Updating paper information

You can update the printer's media information to 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 Guide

Important

- If you are using the Media Configuration Tool, the new Media Information File is downloaded automatically when released on the Canon website. A computer connected to the Internet is required to download the Media Information File.

Handling rolls

- Loading Rolls on the Roll Holder
- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Changing the Type of Paper
- Specifying the Paper Length
- Removing the Upper Roll from the Printer
- Removing the Lower Roll from the Roll Unit (Option)
- Removing Rolls From the Roll Holder
- Remove Jammed Roll Paper
- Feeding Roll Paper Manually
- Keeping Track of the Amount of Roll Paper Left
- Specifying the Amount of Extension for Borderless Printing
- Specifying the Ink Drying Time
- Specifying the Cutting Method for Rolls
- Cutting the Leading Edge of Roll Paper Automatically
- Reducing Dust from Cutting Rolls
- Automatically Switch Rolls

Loading Rolls on the Roll Holder

When printing on roll paper, attach the roll paper to the Roll Holder.

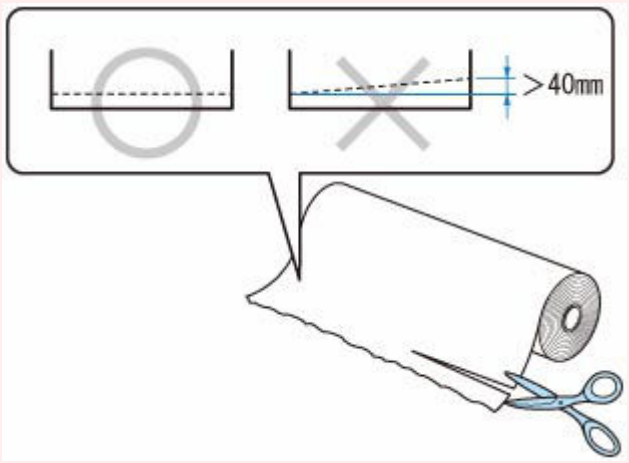
Roll paper comes in two types: 2-inch and 3-inch cores. If using 3-inch core roll paper, attach the 3-Inch Paper Core Attachment to the Roll Holder and holder stopper.

Caution

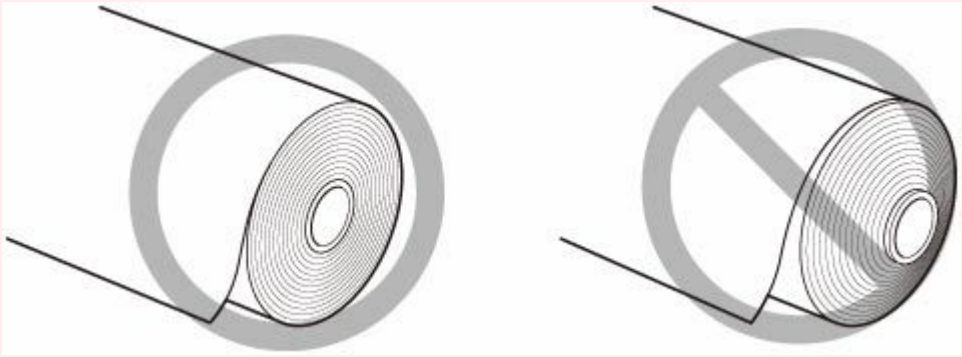
- Set the roll on its side on a table or other flat surface so that it does not roll or fall. Rolls are heavy, and dropping a roll may cause injury.

Important

- 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.



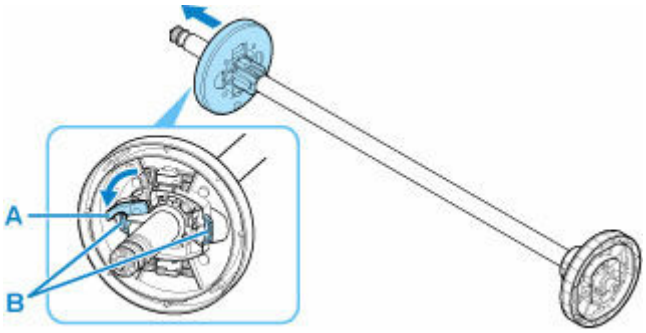
- Align the edges of the paper on both ends of the roll. This may cause feeding problems.



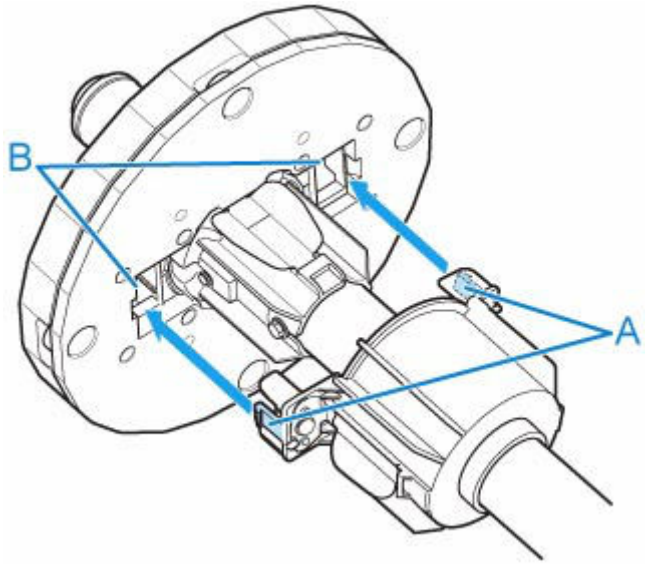
Note

- For details on roll paper sizes and types that can be used, see "Paper Sizes" or "Paper Information List".

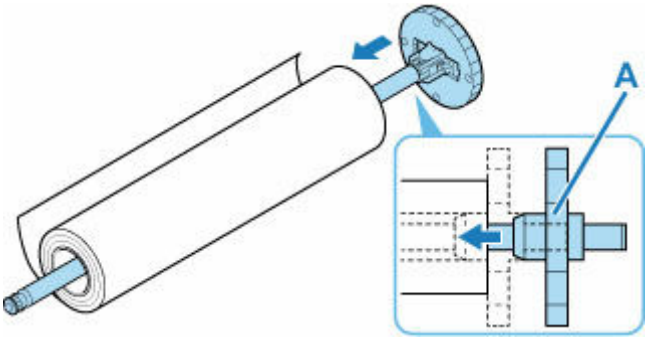
1. Rotate the holder stopper lever (A) towards to release the lock, and while holding it in position (B), remove holder stopper from the roll holder.



2. If using 3-inch core paper, align 3-Inch Paper Core Attachment tabs (A) with Roll Holder holes (B) and insert firmly.



3. With leading edge of roll paper facing forward as shown, insert Roll Holder from right side of roll. Insert firmly until roll paper touches flange (A) of Roll Holder.

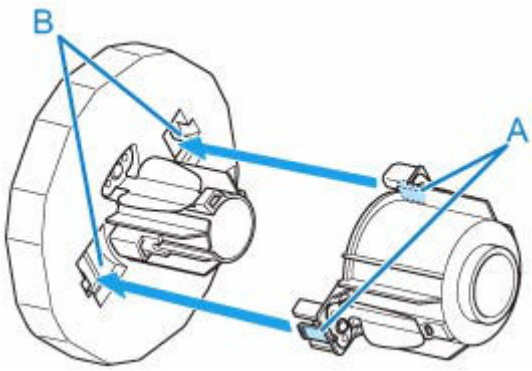


Important

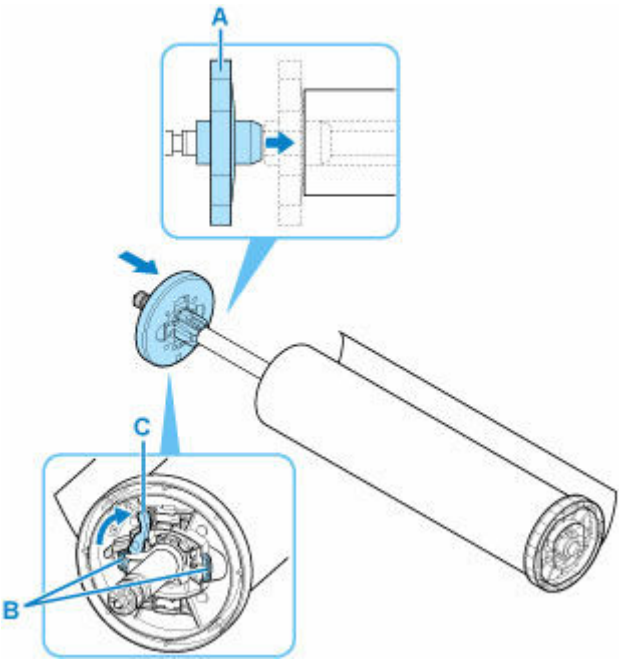
- When loading a roll, be careful to avoid hitting the printer hard with the roll. This may damage the Roll Holder.

- If you stand the roll holder vertically and set the roll paper by dropping, the roll holder may be damaged.

4. If using 3-inch core paper, align 3-Inch Paper Core Attachment tabs (A) with holder stopper holes (B) and insert firmly.



5. Insert holder stopper from left into roll holder as shown, and then while holding in position (B), push firmly until holder stopper flange (A) touches roll paper. Lock the holder stopper lever (C) by rotating it towards 🔒.



Loading the Upper Roll on the Printer

Follow these steps to load rolls in the printer.

When selecting **Enable** in **Roll paper auto feed**, the roll paper is fed automatically by simply loading it.

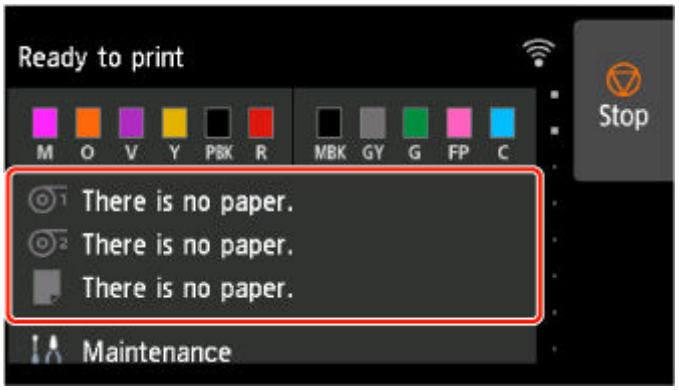
Important

- 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 output guide is soiled. If these areas are dirty, we recommend cleaning them in advance. (See "Cleaning Inside the Top Cover.").
- If **Paper retention settings** is set to **Release**, the roll paper is not fed automatically.
- For details on the paper that can feed roll paper automatically, see "Paper Information List."

Note

- When using the roll unit, you can also load roll paper on the roll unit separately from the printer that is described here. (See "Loading the Lower Roll on the Roll Unit (Option).")
- When roll paper cannot be fed automatically, see "Roll Paper Is not Switched Automatically."

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

- **When selecting Enable in Roll paper auto feed.**

  Go to step 2.

- **When selecting Disable in Roll paper auto feed.**

  1. Tap area.
  2. Tap **Load paper** or **Replace paper**, check message that appears, and then tap **Yes**.

Note

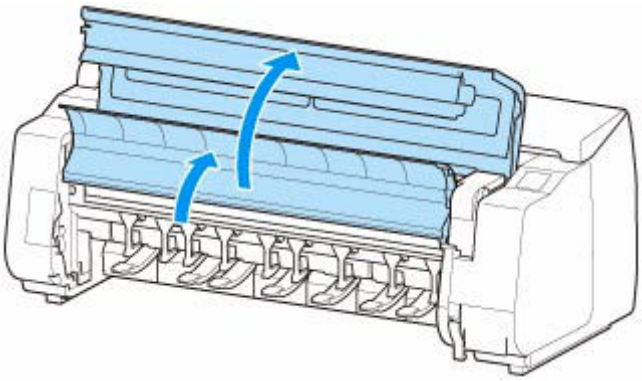
- If any cut sheet has been fed, or roll paper that will not be used has been fed from Roll 1 (Upper), a message is shown requesting you to remove it.

After following the instructions on the screen to remove the paper, redo the operation.

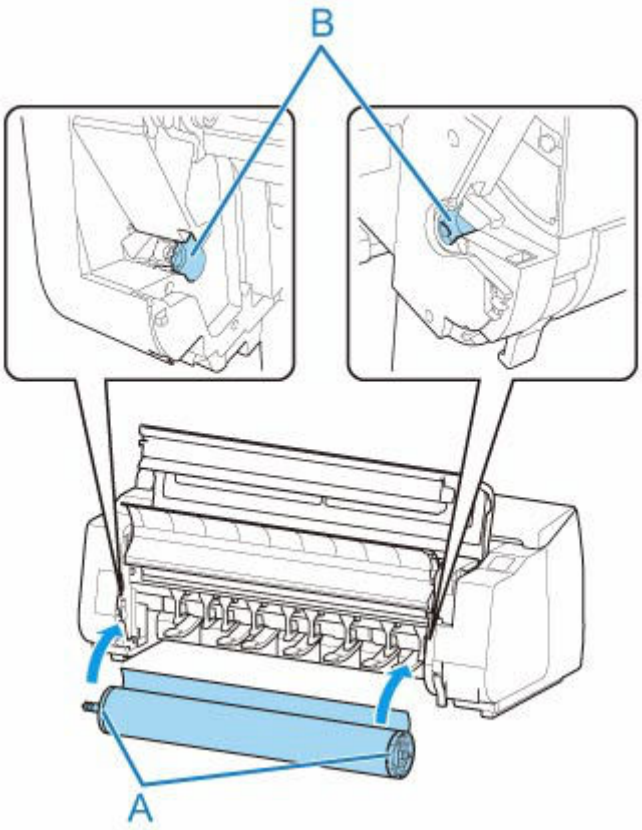
- If roll paper is loaded in Roll 1 (Upper) but Roll 1 (Upper) is not selected as the paper source, a message asking you whether or not to change paper is displayed.

  Tap **Replace paper**, remove the paper, and go to the next step.

2. Open top cover and lift output guide.



3. Hold flanges (A) so that holder stopper is on left, align roll holder shaft with roll holder slot left and right guide grooves (B), and load.



⚠ 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 and the guide grooves (B) when loading the roll paper.

Important

- If the leading edge of the roll paper is secured with tape or a paper band so that it will not unravel, remove the tape or paper band before loading the roll paper into the roll holder slot.

  If you load the paper into the roll holder slot with the leading edge secured, only part of the roll paper is fed to the paper feed slot, resulting in damage to the roll paper.
- If the leading edge of the roll paper is cut crooked or folded, it may not be fed correctly. Cut the leading edge of the roll paper with scissors or the like and straighten it.
- Load the roll paper so that it is not loaded in the opposite direction.
- Make sure there is no slack in the roll paper, and then load it.
- Depending on the surrounding environment, the leading edge of roll paper is stuck because of static electricity or humidity so that the roll paper may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.
- If the roll paper is decentered, it may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.
- When **Roll paper auto feed** is **Enable** and if you attach the roll holder without the roll paper loaded on the roll holder, **Preparing to feed the paper...** appears on the operation panel. In this case, press the **Stop** button on the operation panel to cancel feeding.

Note

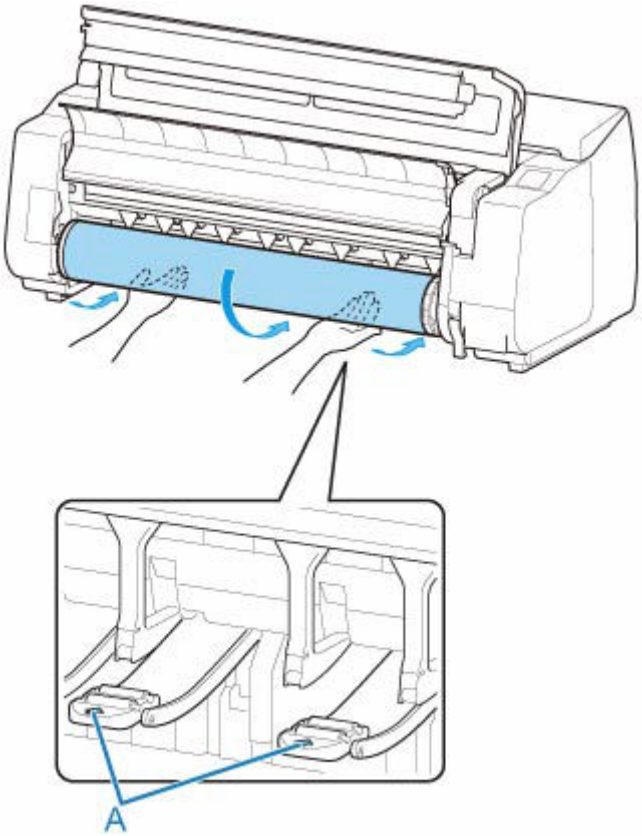
- For the procedure for attaching the roll paper to the Roll Holder, see "Loading Rolls on the Roll Holder."

- **When selecting Enable in Roll paper auto feed.**

  Go to step 4.

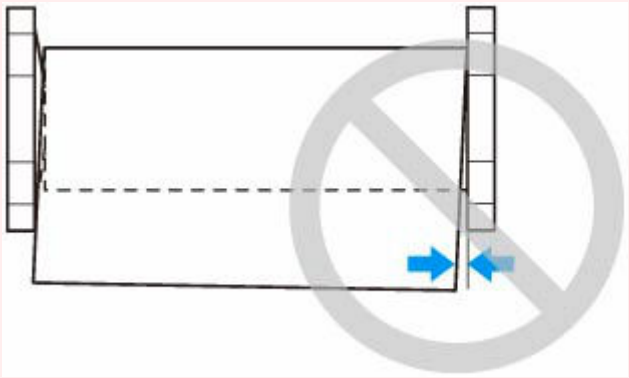
- **When selecting Disable in Roll paper auto feed.**

  Pull out roll paper evenly, insert leading edge between roll paper and arrows (A) directly beneath it, and feed roll paper until you hear a sound.



Important

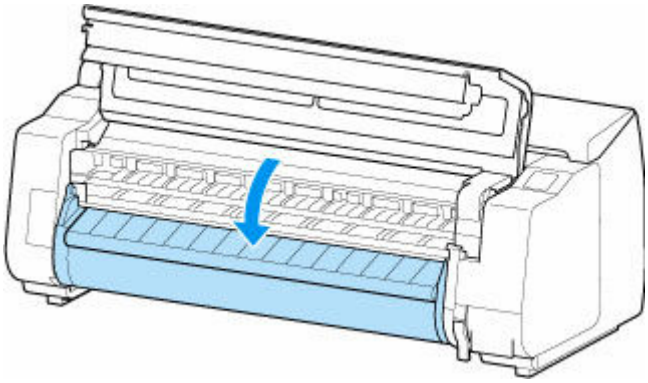
- If the roll paper has become unwound, remove the slack before loading the roll paper.
- When feeding the leading edge of the roll paper, make sure the entire width of the roll paper is separating and feeding from the roll. If the roll paper is fed with some of the roll paper still stuck to the roll, the roll paper will be damaged.
- 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.



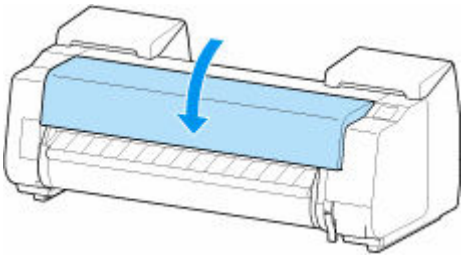
- Depending on the paper, the roll paper may be scratched when being fed and not feed well. In this case, you must feed the paper manually after setting **Paper retention settings** to **Release** on the touch screen. Lift the release lever, advance the roll paper until its leading

edge appears on platen, lower the release lever, and then proceed to the next step. However, if **Paper retention settings** is set to **Release**, automatic switching of the upper and lower rolls is not possible.

3. Lower output guide.



4. Close top cover.



- **When selecting Enable in Roll paper auto feed.**

  The roll paper is fed.

- **When selecting Disable in Roll paper auto feed.**

  Tap **Start feeding**, and then the roll paper is fed.

Once paper feeding starts, you will need to do the following, based on the **Manage remaining roll amount** setting, the barcode printed on rolls, and the **Media type selection method** setting. (See "Keeping Track of the Amount of Roll Paper Left.")

- **When selecting Disable or Auto estimate in Manage remaining roll amount.**
  - **When selecting Manual or Auto with confirmation in Media type selection method.**

    A menu for selecting the media type appears on the touch screen. Operate the touch screen and select the media type to be used.

  - **When selecting Auto detect in Media type selection method.**

    You'll see candidate for the media type you've estimated to the touch screen. After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.

- **When selecting Use current media type in Media type selection method.**

  A menu for selecting the media type appears on the touch screen. After 5 seconds, the media type will be selected with the fixed media kind.

- **When selecting Barcodes in Manage remaining roll amount and if the barcode is 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.

- **When selecting Barcodes in Manage remaining roll amount and if the barcode is not printed.**

  - **When selecting Manual in Media type selection method.**

    A menu for selection of the media type and length is shown on the touch screen.Operate the touch screen, select the media type to be used, and enter its length.

  - **When selecting Auto with confirmation in Media type selection method.**

    A menu for selecting the estimated media type candidates and the paper length. Interact with the touch screen, select the media type you want to use, and enter the length.

  - **When selecting Auto detect in Media type selection method.**

    A menu for selecting the estimated media type candidates and the paper length.After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.

  - **When selecting Use current media type in Media type selection method.**

    A menu for selecting the media type and the paper length appears on the touch screen. After 5 seconds, the media type will be selected with the fixed paper kind.

Important

- Cut the edge of the roll using the **Feed/cut** function if the edge is creased or soiled. (See "Paper cutting (to have the roll cut at your specified position).")
- When selecting the media type on the touch screen, make sure the media type set in the printer driver and the media type loaded on the printer match.

Note

- If you have selected **Auto with confirmation** or **Auto detect** in the **Media type selection method** and you are using the barcode to manage the remaining roll paper, the barcode is read first. If it fails to read the barcode, it will detect the media type from the estimated result and display the candidate.
- For details on media types that you can select, see "Paper Information List."
- Adjusting the print head alignment with the type of paper to be used in printing may enhance printing quality. (See "Automatic Adjustment to Straighten Lines and Colors.")

Loading the Lower Roll on the Roll Unit (Option)

Follow these steps to load roll paper in the roll unit (Roll 2 (Lower)).

When selecting **Enable** in **Roll paper auto feed**, the roll paper is fed automatically by simply loading it.

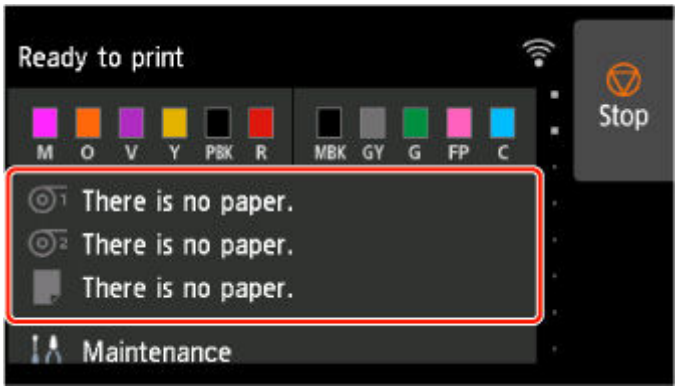
Important

- 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 output guide is soiled. If these areas are dirty, we recommend cleaning them in advance. (See "Cleaning Inside the Top Cover.").
- If using the roll unit as the feed device, depending on the basket position, the ejected roll paper's cut end enters the roll unit and may cause a paper jam or affect the print quality when set to "Borderless Printing" or "Trim Edge First" when loading the paper. In this case, change the basket position, and then print. (See "Example Basket Configurations.")
- If **Paper retention settings** is set to **Release**, the roll paper is not fed automatically.
- For details on the paper that can feed roll paper automatically, see "Paper Information List."

Note

- When roll paper cannot be fed automatically, see "Roll Paper Is not Switched Automatically."

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

- **When selecting Enable in Roll paper auto feed.**

  Go to step 2.

- **When selecting Disable in Roll paper auto feed.**

  1. Tap area.
  2. Tap **Load paper** or **Replace paper**, check message that appears, and then tap **Yes**.

Note

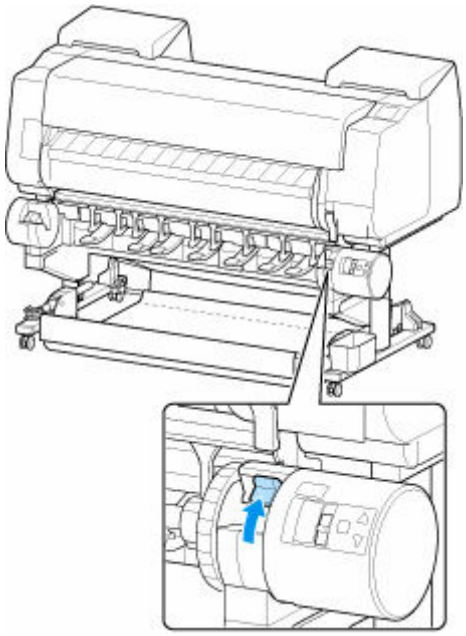
- If any cut sheet has been fed, or roll paper that will not be used has been fed from Roll 2 (Lower), a message is shown requesting you to remove it.

  After following the instructions on the screen to remove the paper, redo the operation.

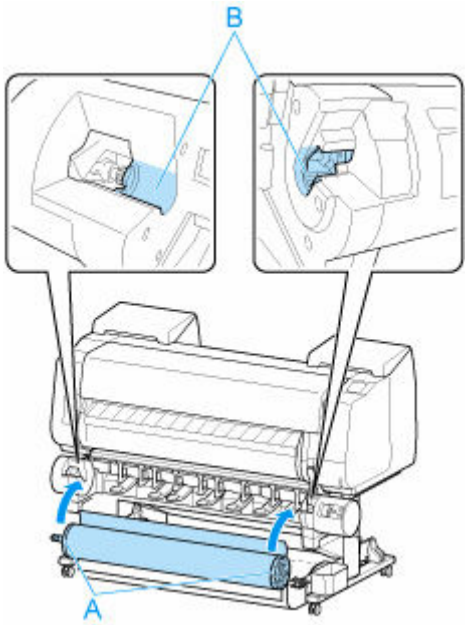
- If roll paper is loaded in Roll 2 (Lower) but Roll 2 (Lower) is not selected as the paper source, a message asking you whether or not to change paper is displayed.

  Tap **Replace paper**, remove the paper, and go to the next step.

2. Change **Roll Holder Lock** switch on roll unit to release position.



3. Hold flanges (A) so that holder stopper is on left, align roll holder shaft with roll holder slot left and right guide grooves (B), and load.



⚠ 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 and the guide grooves (B) when loading the roll paper.

Important

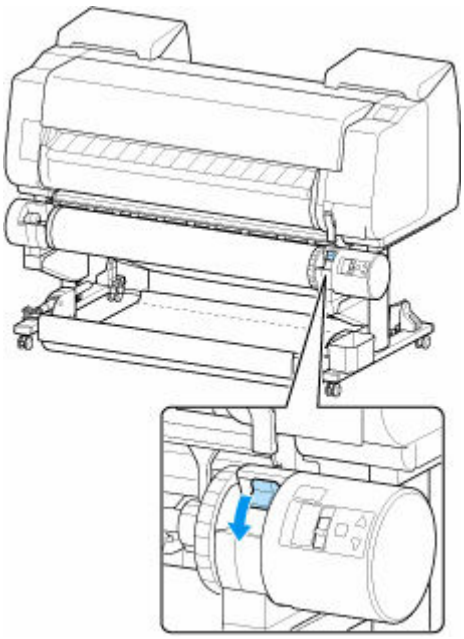
- If the leading edge of the roll paper is secured with tape or a paper band so that it will not unravel, remove the tape or paper band before loading the roll paper into the roll holder slot.

  If you load the paper into the roll holder slot with the leading edge secured, only part of the roll paper is fed to the paper feed slot, resulting in damage to the roll paper.
- If the leading edge of the roll paper is cut crooked or folded, it may not be fed correctly. Cut the leading edge of the roll paper with scissors or the like and straighten it.
- Load the roll paper so that it is not loaded in the opposite direction.
- Make sure there is no slack in the roll paper, and then load it.
- Depending on the surrounding environment, the leading edge of roll paper is stuck because of static electricity or humidity so that the roll paper may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.
- If the roll paper is decentered, it may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.
- When **Roll paper auto feed** is **Enable** and if you attach the roll holder without the roll paper loaded on the roll holder, **Preparing to feed the paper...** appears on the operation panel. In this case, press the **Stop** button on the operation panel to cancel feeding.

Note

- For the procedure for attaching the roll paper to the Roll Holder, see "Loading Rolls on the Roll Holder."

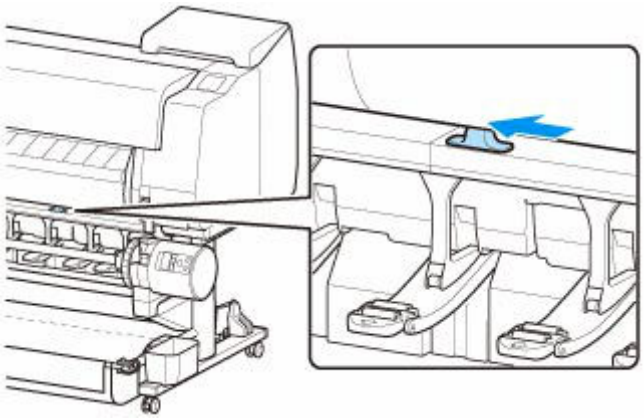
4. Change **Roll Holder Lock** switch on roll unit to locked position.



Important

- If you do not change **Roll Holder Lock** switch to locked position, the roll paper cannot be fed automatically.

5. Change feed flap switch on top of roll unit to feed icon position on the left.



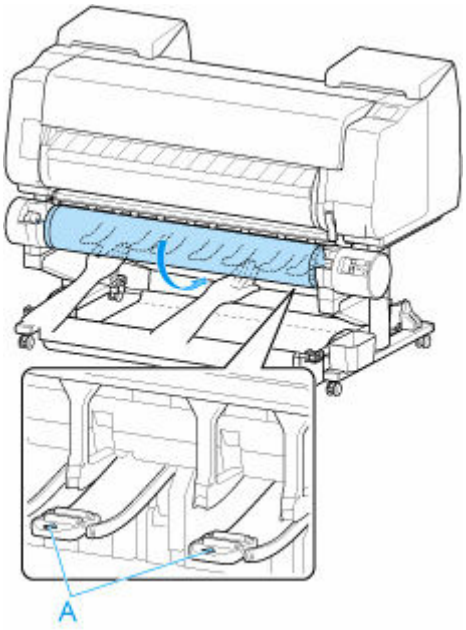
- **When selecting Enable in Roll paper auto feed.**

  The roll paper is fed.

- **When selecting Disable in Roll paper auto feed.**

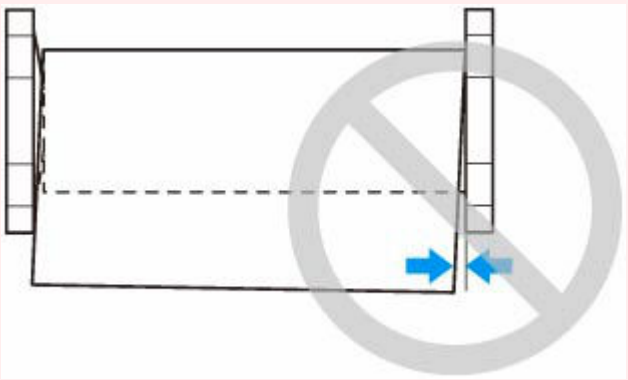
  Pull out roll paper evenly, insert leading edge between roll paper and arrows (A) directly beneath it, and feed roll paper until you hear a sound.

  Tap **Start feeding**, and then the roll paper is fed.



Important

- If the roll paper has become unwound, remove the slack before loading the roll paper.
- When feeding the leading edge of the roll paper, make sure the entire width of the roll paper is separating and feeding from the roll. If the roll paper is fed with some of the roll paper still stuck to the roll, the roll paper will be damaged.
- 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.



- Depending on the paper, the roll paper may be scratched when being fed and not feed well. In this case, you must feed the paper manually after setting **Paper retention settings** to **Release** on the touch screen. Lift the release lever, advance the roll paper until its leading edge appears on platen, lower the release lever, and then proceed to the next step. However, if **Paper retention settings** is set to **Release**, automatic switching of the upper and lower rolls is not possible.

Once paper feeding starts, you will need to do the following, based on the **Manage remaining roll amount** setting, the barcode printed on rolls, and the **Media type selection method** setting. (See "Keeping Track of the Amount of Roll Paper Left.")

- **When selecting Disable or Auto estimate in Manage remaining roll amount.**
  - **When selecting Manual or Auto with confirmation in Media type selection method.**

    A menu for selecting the media type appears on the touch screen. Operate the touch screen and select the media type to be used.
  - **When selecting Auto detect in Media type selection method.**

    You'll see candidate for the media type you've estimated to the touch screen. After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.
  - **When selecting Use current media type in Media type selection method.**

    A menu for selecting the media type appears on the touch screen. After 5 seconds, the media type will be selected with the fixed media kind.
- **When selecting Barcodes in Manage remaining roll amount and if the barcode is 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.
- **When selecting Barcodes in Manage remaining roll amount and if the barcode is not printed.**
  - **When selecting Manual in Media type selection method.**

    A menu for selection of the media type and length is shown on the touch screen.Operate the touch screen, select the media type to be used, and enter its length.
  - **When selecting Auto with confirmation in Media type selection method.**

    A menu for selecting the estimated media type candidates and the paper length. Interact with the touch screen, select the media type you want to use, and enter the length.
  - **When selecting Auto detect in Media type selection method.**

    A menu for selecting the estimated media type candidates and the paper length.After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.
  - **When selecting Use current media type in Media type selection method.**

    A menu for selecting the media type and the paper length appears on the touch screen. After 5 seconds, the media type will be selected with the fixed paper kind.

Important

- Cut the edge of the roll using the **Feed/cut** function if the edge is creased or soiled. (See "Paper cutting (to have the roll cut at your specified position).")
- When selecting the media type on the touch screen, make sure the media type set in the printer driver and the media type loaded on the printer match.

Note

- If you have selected **Auto with confirmation** or **Auto detect** in the **Media type selection method** and you are using the barcode to manage the remaining roll paper, the barcode is read first. If it fails to read the barcode, it will detect the media type from the estimated result and display the candidate.
- For details on media types that you can select, see "Paper Information List."
- Adjusting the print head alignment with the type of paper to be used in printing may enhance printing quality. (See "Automatic Adjustment to Straighten Lines and Colors.")

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 continue using the same type of paper and set **Media type selection method** to **Use current media type**, when you load paper, the media type selected before **Use current media type** was set is selected automatically, eliminating the need to set the media type. (See "Using the Same Type of Paper Regularly.")

Note

- This printer has the ability to estimate the media type by the data read by the sensor when the paper is set. If you continue to use this feature, you will learn the data that you read and the accuracy of the media type estimation. If you continue to use multiple media types, this feature will reduce the need to select the media type each time you set the paper. (See "Paper-related settings.")

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 Feed Amount.")
- Rolls and sheets have different printing areas, and sheets having a larger bottom margin than rolls.

  (See "Print Area.")

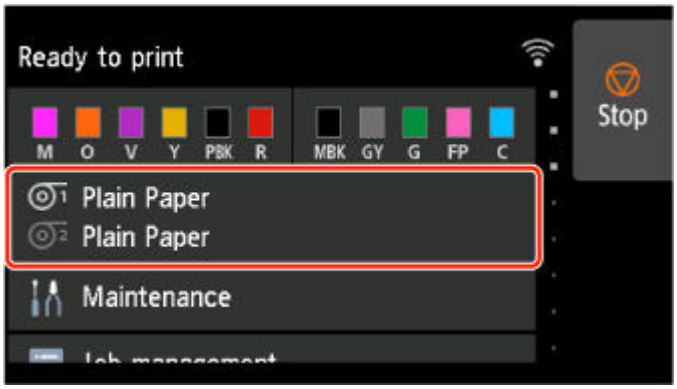
Changing the Type of Paper

Note

- When you load roll paper, a menu for selecting the media type appears on the touch screen. Tap the media type.

  If no barcode has been printed on the roll paper and you have set **Manage remaining roll amount** to **Barcodes**, specify the roll length after selecting the media type. (See "Specifying the Paper Length.")

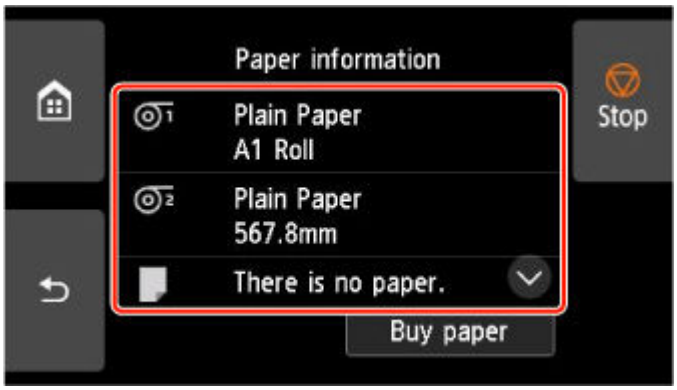
1. Tap paper settings display area on Home screen of touch screen.



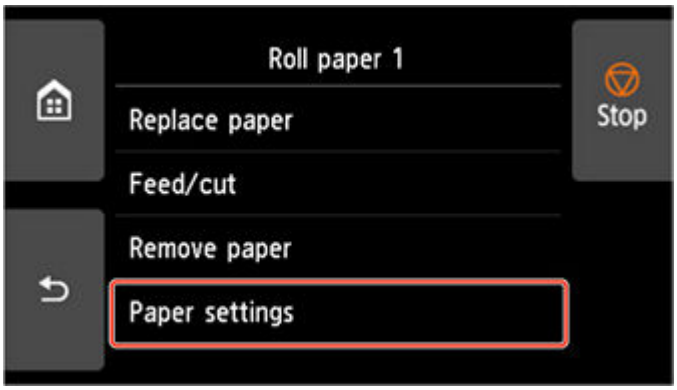
Note

- If the Home screen does not appear, tap the **HOME** button.

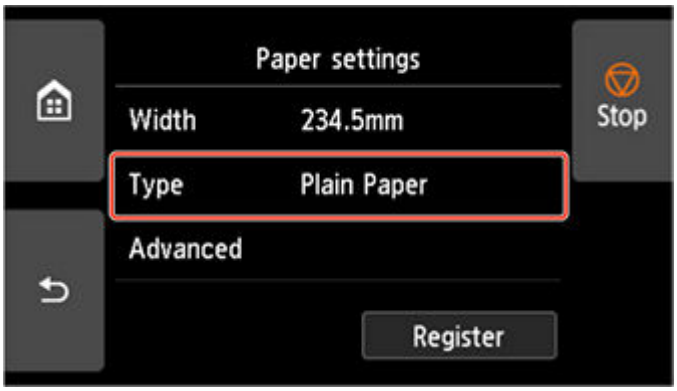
2. Tap paper feed slot where paper whose type you want to change is loaded.



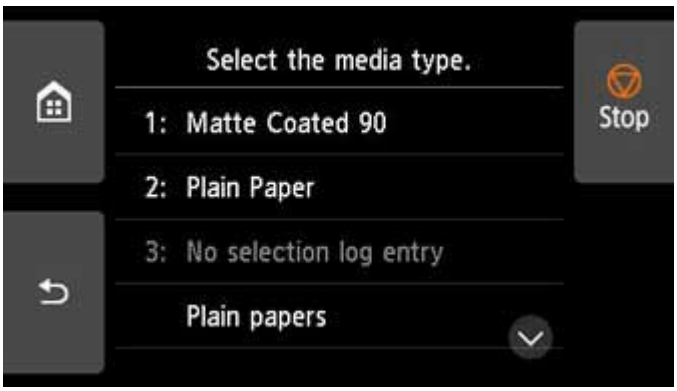
3. Tap **Paper settings**.



4. Tap **Type**.



5. Tap media type of roll paper loaded in printer.



Important

- 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.

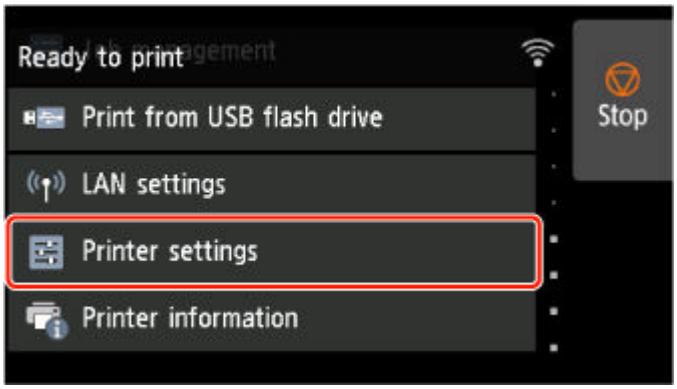
Note

- For details on media types, see "Paper Information List." At the factory default settings, **Plain Paper** is selected for the media type.
- When the release lever is operated, the settings automatically return to the last selected media type.

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.

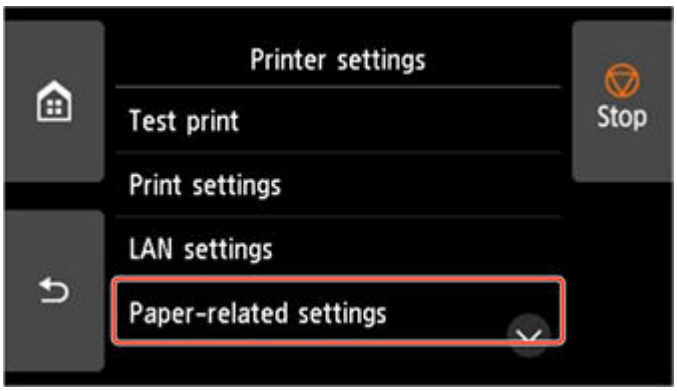
1. Tap **Printer settings** on Home screen of touch screen.



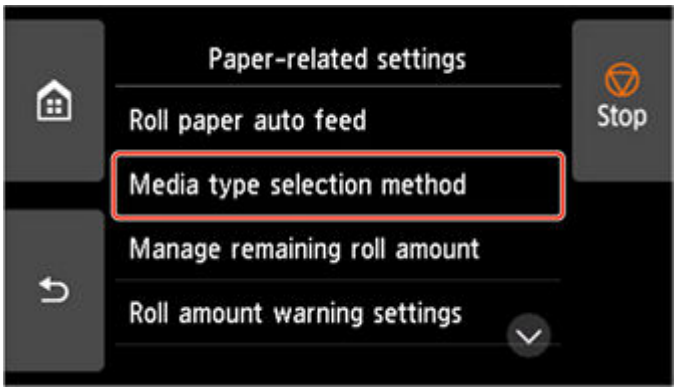
Note

- If the Home screen does not appear, tap the **HOME** button.

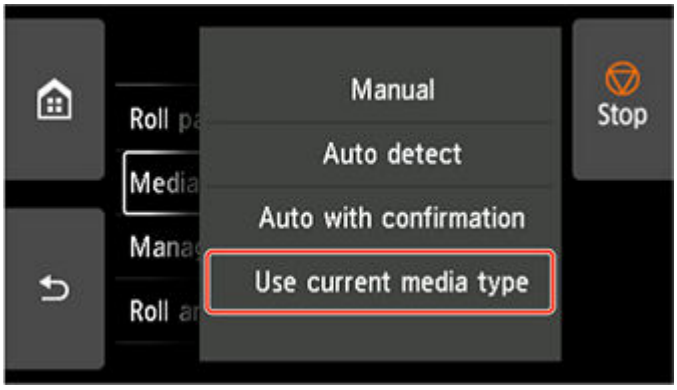
2. Tap **Paper-related settings**.



3. Tap **Media type selection method**.



4. Tap **Use current media type**.



Note

- 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.
  - If a barcode is printed on the roll paper and you have set **Manage remaining roll amount** to **Barcodes** in the operation panel menu, the media type setting is updated to match the media type specified by the barcode.
- To change the media type setting, see "Changing the Type of Paper."

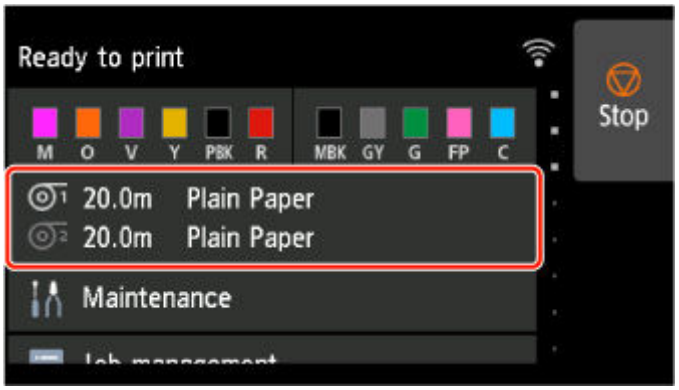
Specifying the Paper Length

When changing the length of paper after the paper has been advanced, specify the length as follows.

Note

- Specify the roll paper length when you have set **Manage remaining roll amount** to **Barcodes**. (See "Keeping Track of the Amount of Roll Paper Left.")

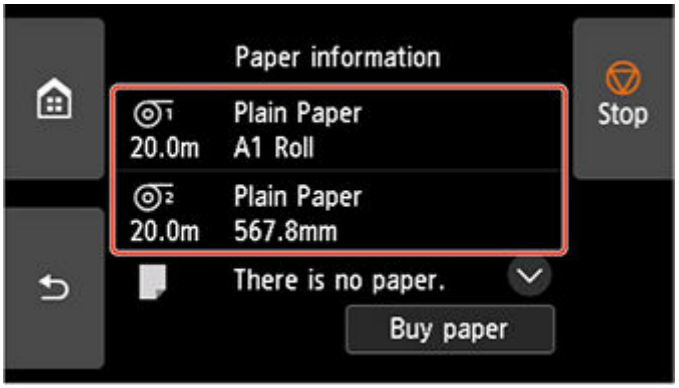
1. Tap paper settings display area on Home screen of touch screen.



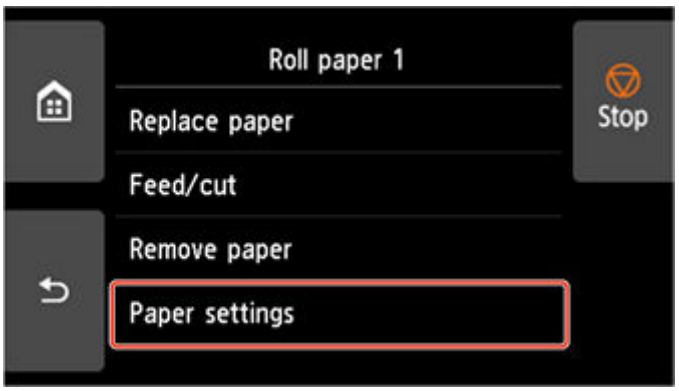
Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap paper feed slot where paper whose length you want to change is loaded.



3. Tap **Paper settings**.

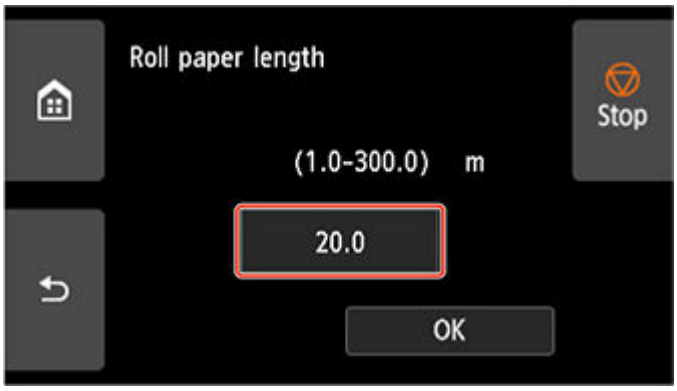


4. Tap **Length**.

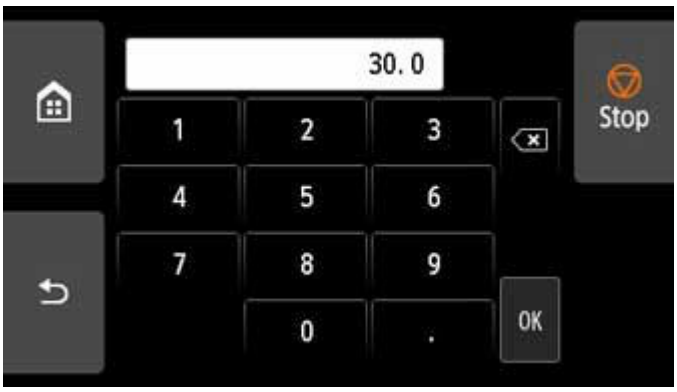
5. Enter roll paper length.

   Specify the roll length as follows.

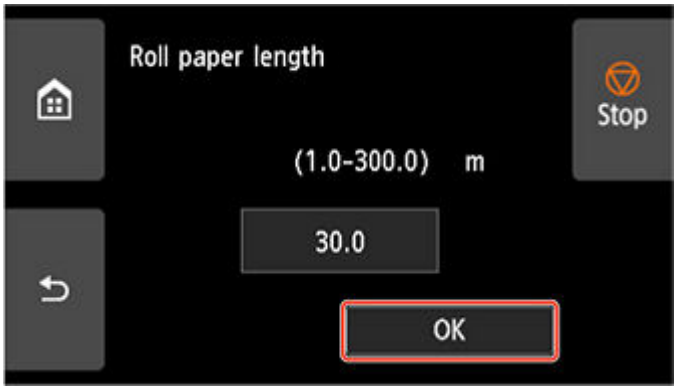
   1. Tap the gray numerical input field.



   2. Tap the keypad appearing on the touch screen, enter the roll paper length, and then tap **OK**.



3. Check the entered length and tap **OK**.



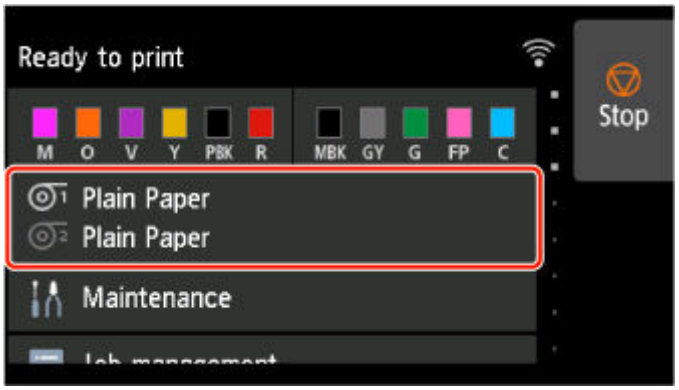
Removing the Upper Roll from the Printer

Remove rolls from the printer as follows.

Note

- If you need to cut a printed roll, select **Feed/cut** in the printer menu and cut the roll paper at the desired position. (See "Specifying the Cutting Method for Rolls.")

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap area.

3. Tap **Remove paper**.

4. Tap **Yes**.

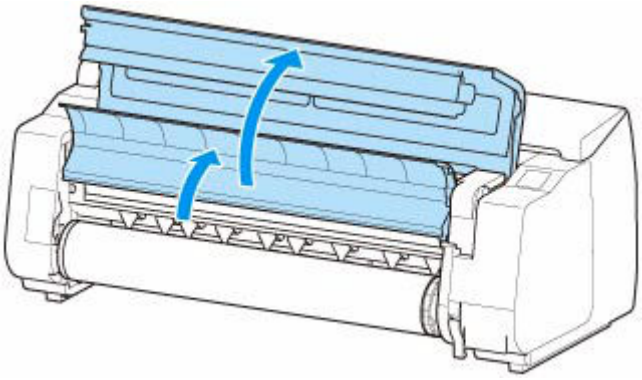
   The roll is rewound.

Important

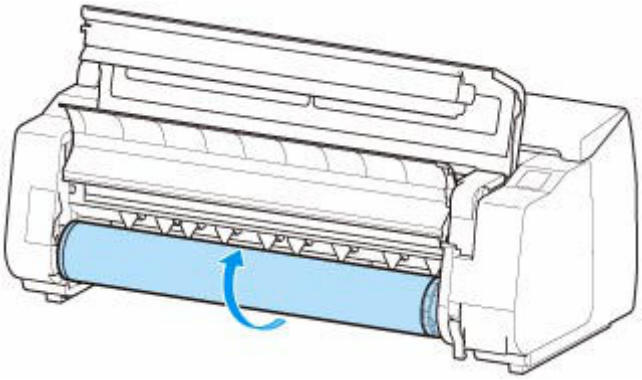
- If **Manage remaining roll amount** is set to **Barcodes** in the operation panel menu, a barcode is printed on the leading edge of the roll paper.

  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.")

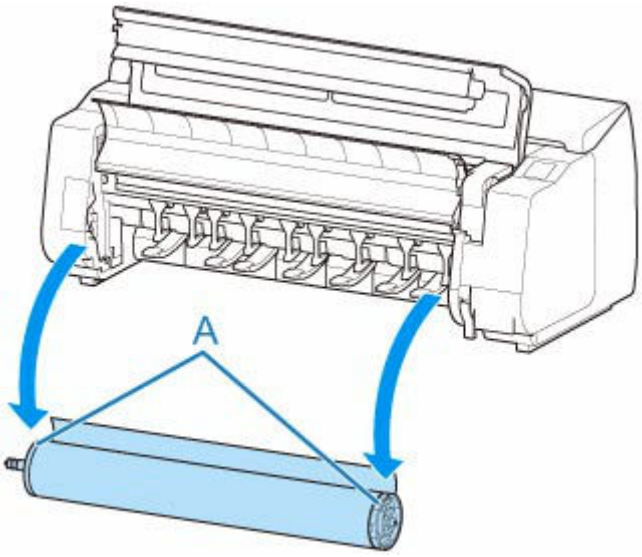
5. Open top cover and lift output guide.



6. Using both hands, rotate the Roll Holder in the direction of the arrow to rewind the roll.



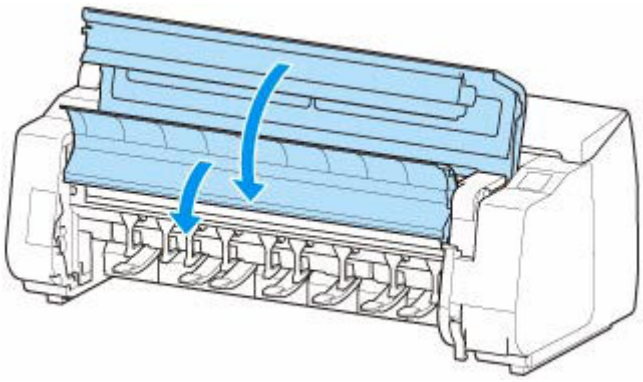
7. Hold Roll Holder by its flanges (A) and remove from roll holder slot.



Note

- For instructions on removing the Roll Holder from rolls, see "Removing Rolls From the Roll Holder."

8. Lower output guide and close top cover.



Note

- To load new paper in the printer at this point, see "Loading the Upper Roll on the Printer."
- Clean inside the top cover before loading paper.

  (See "Cleaning Inside the Top Cover.")

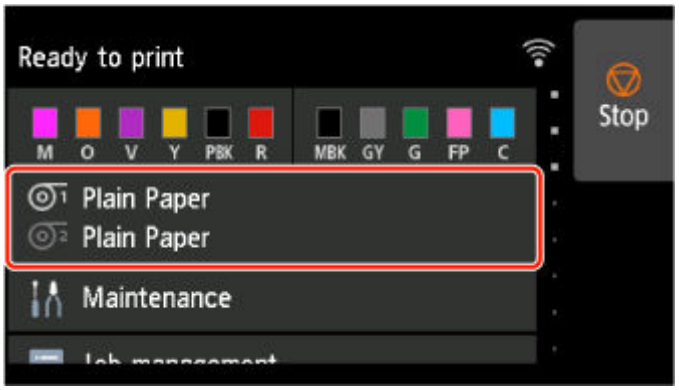
Removing the Lower Roll from the Roll Unit (Option)

Follow these steps to remove roll paper from the roll unit.

Note

- If you need to cut a printed roll, select **Feed/cut** in the printer menu and cut the roll paper at the desired position. (See "Specifying the Cutting Method for Rolls.")

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap area.

3. Tap **Remove paper**.

4. Check touch screen message and tap **Yes**.

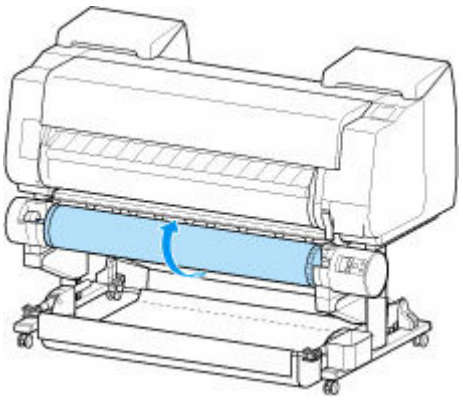
   The roll is rewound.

Important

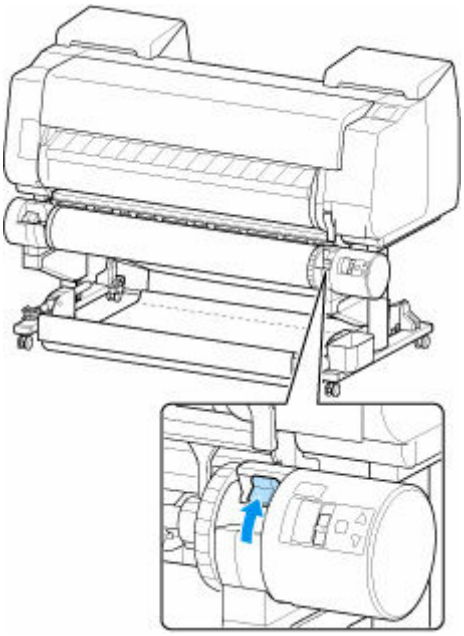
- If **Manage remaining roll amount** is set to **Barcodes** in the operation panel menu, a barcode is printed on the leading edge of the roll paper.

  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.")

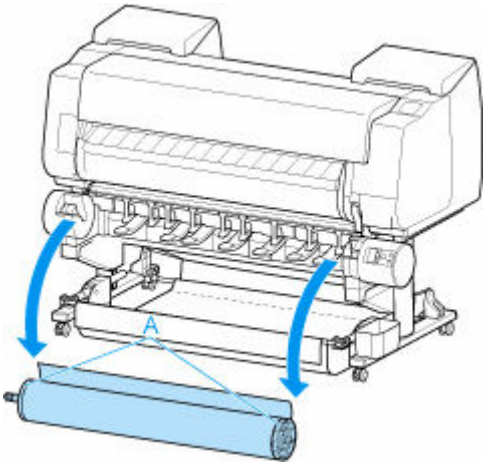
5. Using both hands, rotate roll holder in direction of arrow to rewind roll paper.



6. Change **Roll Holder Lock** switch on roll unit to release position.



7. Hold roll holder by its flanges (A) and remove from roll holder slot.



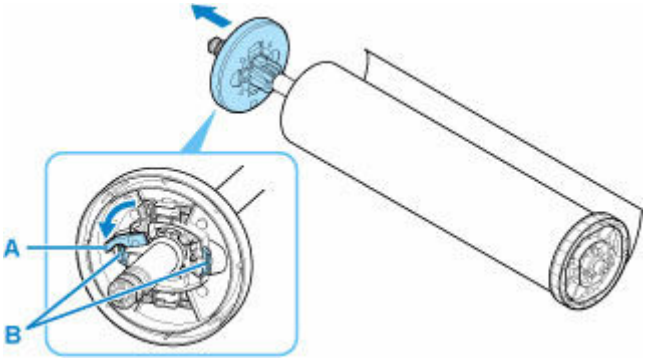
Note

- For instruction on removing the roll paper from the roll holder, see "Removing Rolls From the Roll Holder."

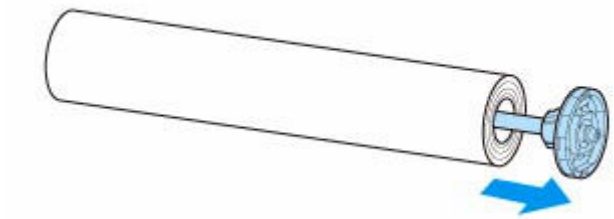
- To load new paper in the printer at this point, see "Loading the Lower Roll on the Roll Unit (Option)."

Removing Rolls From the Roll Holder

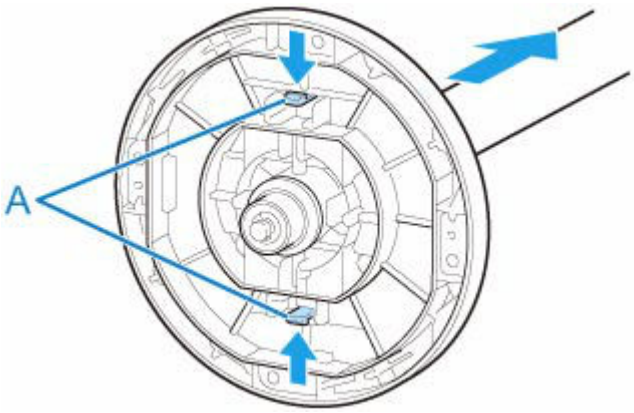
1. Rotate the holder stopper lever (A) towards to release the lock, and while holding it in position (B), remove holder stopper from the roll holder.



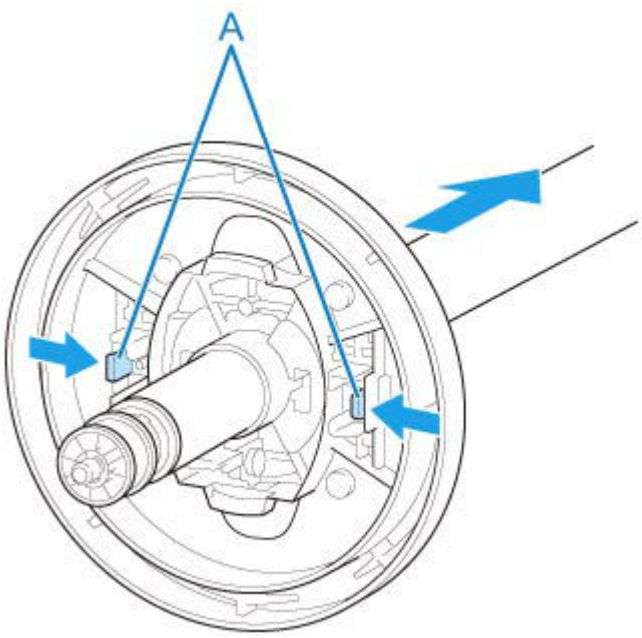
2. Remove roll holder from roll paper.



3. To remove 3-Inch Paper Core Attachment, press tabs (A) inward and remove attachment.
   - roll holder Side



   - holder stopper Side



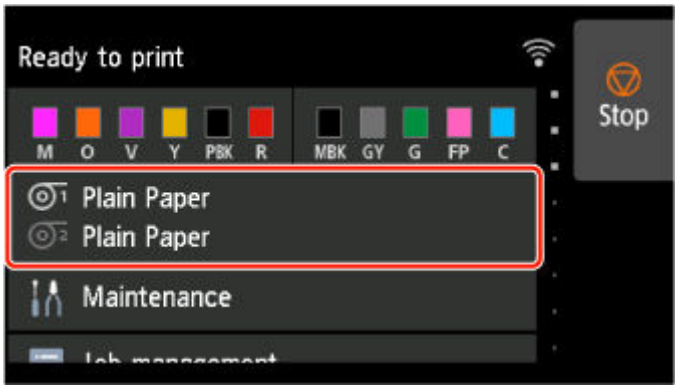
Important

- 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 feeding the roll paper, you can move it forward and back.

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap or area.

3. Tap **Feed/cut**.

4. Tap or touch **Advance** and **Rewind** to move roll paper forward or back.

Note

- Tapping **Advance** or **Rewind** moves the roll paper approximately 0.04 inch (1 mm).

  Touching **Advance** or **Rewind** moves the roll paper until you release the key. If "**Cannot advance the paper any further.**" appears on the touch screen, release the key.

5. Tap **OK** when you have determined position of roll paper.

Keeping Track of the Amount of Roll Paper Left

There are two methods of managing the amount of roll paper left: by using the barcode and by estimating the amount of roll paper left.

Managing by the Barcode for the Amount of Roll Paper Left

When you set **Manage remaining roll amount** to **Barcodes** in **Printer settings** on the Home screen, the amount of remaining roll paper and the media type information are printed as a barcode and text when the paper is removed. When **Manage remaining roll amount** is set to **Barcodes** and you load roll paper with a printed barcode, the media type and remaining amount are automatically detected after the roll paper is loaded. The barcode will be cut off after it has been read.

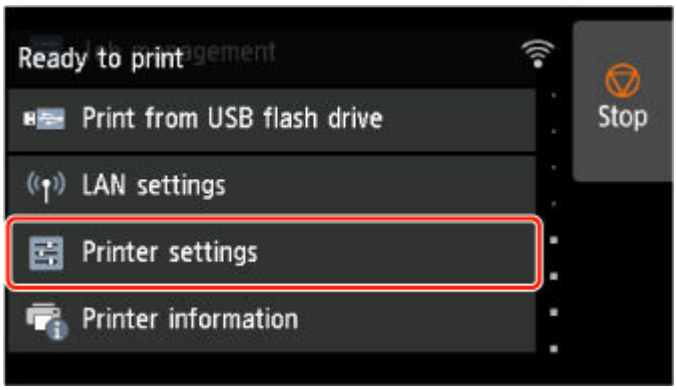
Important

- If the barcode on the roll paper is not detected, enter the media type and length on the touch screen. The length of the paper at this time can be set in **Roll length (change default)**.

  ➡ Setting the Length of the Roll Paper when Managing by the Barcode

Follow the steps below when setting **Manage remaining roll amount** to **Barcodes**.

1. Tap **Printer settings** on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap **Paper-related settings**.
3. Tap **Manage remaining roll amount**.
4. Tap **Barcodes**.
5. Check the length of the roll paper and tap **OK**.

Important

- When selecting **Enable** in **Roll paper auto feed**, the screen for checking the length of the roll paper is displayed for only 5 seconds.

Note

- The length of the roll paper to be displayed can be set in **Roll length (change default)**.

  ➡ Setting the Length of the Roll Paper when Managing by the Barcode

- If the length of the roll paper to be displayed is different from the length of the roll paper actually used, set the actual length.

6. Select the timing when the warning message appears.

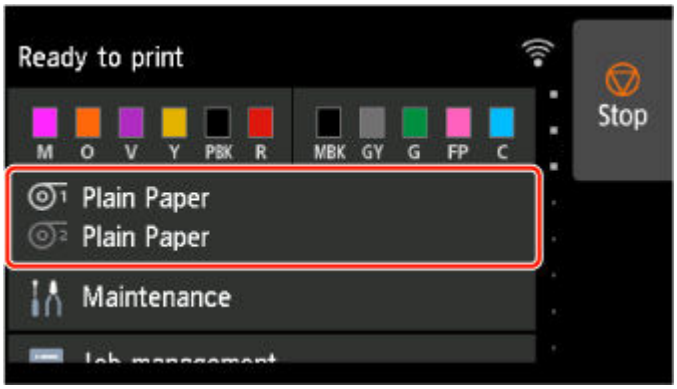
Setting the Length of the Roll Paper when Managing by the Barcode

When you select **Barcodes** in **Manage remaining roll amount** and if you feed roll paper on which no barcode is printed, such as new roll paper, the screen to enter the roll paper length (remaining amount) appears.

In this screen, the length (remaining amount) of default value appears. If the length is not correct, tap the screen and enter a correct length.

When you want to change the length (remaining amount) of default value, follow the steps below.

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap paper feed slot where roll paper for which you want to set the roll paper length is loaded.

3. Tap **Paper settings**.

4. Tap **Advanced**.

5. Tap **Roll length (change default)**.

6. Set the length of the roll paper and tap **OK**.

Managing by Estimating the Amount of Roll Paper Left

When you set the **Manage remaining roll amount** to **Auto estimate** in **Print settings** of the home screen, the remaining amount of roll paper is estimated and displayed in the Operation panel. The barcode is not printed.

Important

- If the type of paper is not selected correctly, the amount of roll paper left may not be estimated correctly.
- There is an error in the estimated amount of paper remaining, and it may be out of paper during printing.
- When using the types of paper which are not displayed on "Paper Information List," set the paper thickness and the size of paper core with Media Configuration Tool.

  ➡ Media Configuration Tool Guide

Specifying the Amount of Extension for Borderless Printing

Borderless printing may leave margins on the left and right sides of the paper or soil the back of the paper. Adjusting the amount of extension may improve these problems.

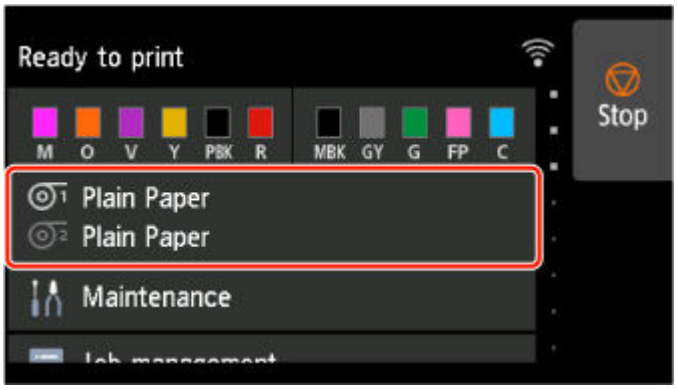
Each paper width is shown as being a recommended width for borderless printing (**Paper with recommended width**), or as having sufficient width for borderless printing (**Paper of sufficient width**). The procedure for specifying the amount of extension differs depending on **Paper with recommended width** and **Paper of sufficient width**.

- Specifying Amount of Extension for Paper with recommended width.
- Specifying Amount of Extension for Paper of sufficient width.

For more information on a paper width recommended for borderless printing, see Paper Sizes.

Specifying Amount of Extension for Paper with recommended width.

1. Tap paper setting display area on HOME screen.



2. Tap area.
3. Tap **Paper settings**.
4. Tap **Advanced**.
5. Tap **Extension for borderless printing**.
6. Tap **Paper with recommended width**.
7. Select amount of extension.

   Select **Large**, **Standard**, or **Small**.

   Note

   - When selecting **Large**, the printed area will be wider. Select this if there are margins.
   - When selecting **Small**, the printed area will be narrower. Select this if there are stains.

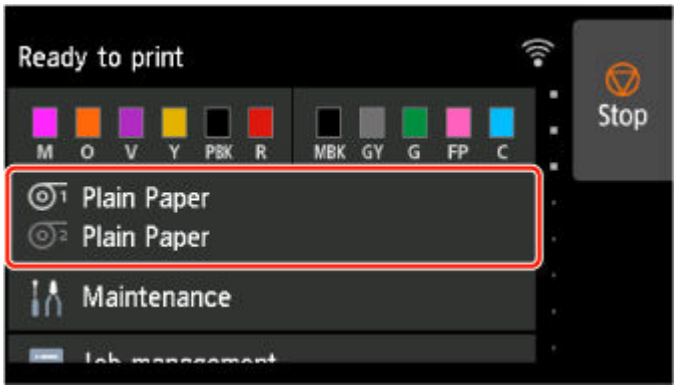
Specifying Amount of Extension for Paper of sufficient width.

In case of **Paper of sufficient width**, the width of the original is set to be slightly smaller than the paper, and there are margins on the left and right. You can reduce the margins by increasing the amount of extension.

On the other hand, if the amount of extension is too large, the back side of the paper will be easily soiled with the overflowed ink. When performing borderless printing with specifying the amount of extension for **Paper of sufficient width**, clean the platen regularly.

➡ Cleaning Inside the Top Cover

1. Tap paper setting display area on HOME screen.



2. Tap area.

3. Tap **Paper settings**.

4. Tap **Advanced**.

5. Tap **Extension for borderless printing**.

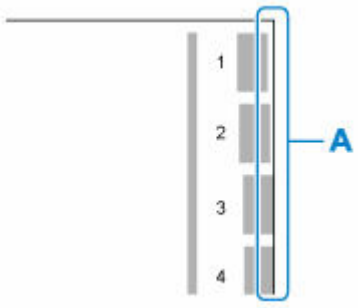
6. Tap **Paper of sufficient width**.

7. Tap **Sample of extension amounts**.

8. Confirm displayed message and tap **Yes**.

   The alignment pattern for each adjustment value is printed.

9. Select the adjustment value.



Check the paper edge (A) of the 1st to 8th on the output pattern and select the number that has the appropriate amount of extension.

Note

- After setting, we recommend to perform borderless printing to check the margin status.

  If the margin remains, set a larger adjustment value. If the back of the paper is soiled, set a smaller adjustment value.

- After printing alignment pattern and borderless printing for confirmation, we recommend to clean the platen.

  ➡ Cleaning Inside the Top Cover

Specifying the Ink Drying Time

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.

Important

- Printer settings are applied when the ink drying time is not set in the printer driver. If you set the ink drying time in the printer driver, that setting has priority.

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.

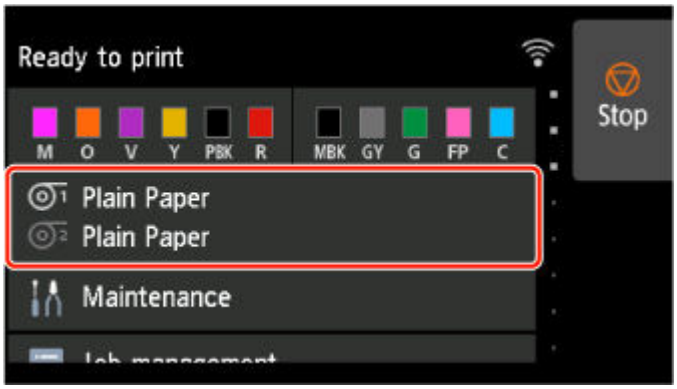
  To wait for the ink to dry without allowing printed materials to fall after printing, set **Cutting mode** on the printer menu to **Eject cut**. (See "Specifying the Cutting Method for Rolls.")
- The ink drying time for sheets can also be set using this procedure.

Set on the Printer

Set with the touch screen of the printer.

In addition to **Pause between scans** and **Pause between pages**, which you can set in the printer driver, You can set the **Pause on last page take-up** and **Pause timing priority** when you use the Roll unit as a Take-up mode.

1. Tap paper settings display area on Home screen of touch screen.

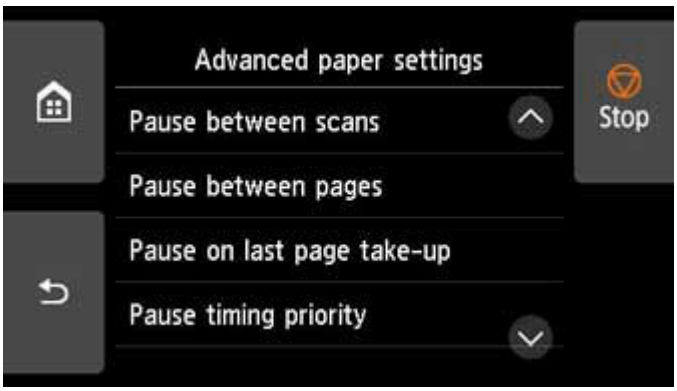


2. Tap the feed slot where the paper is loaded to specify the ink drying time.

3. Tap **Paper settings**.

4. Tap **Advanced**.

   Scroll the screen to set **Pause between scans**, **Pause between pages**, **Pause on last page take-up**, and **Pause timing priority**.



Pause between scans

Print one scan on the page and then set the wait time for the next one scan to print.

Pause between pages

Print one page and then set the wait time for paper to be ejected.

If you have the next page, when print it after the ink drying time has elapsed.

Pause on last page take-up

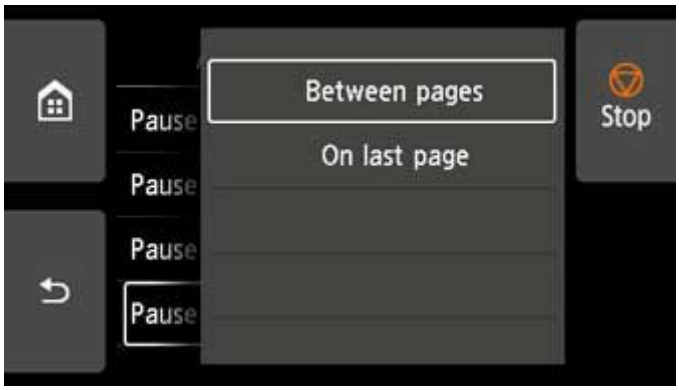
When you use a roll unit mode as a take-up, you set the wait time after you print the last page.

If you have the next page to print, cancel the drying time waiting and print.

Pause timing priority

You can specify a preferred pause time when using a roll unit as a take-up mode.

Select **Between pages** if you want to print on a per-page basis, and if you prefer the wait time before paper is discharged, select **On last page** if you want to prioritize the wait times after you print the final pages.



Set on your Computer

Refer to the following for information on setting from your computer.

- Main Tab Description (Windows)
- Advanced Paper Settings (macOS)

Specifying the Cutting Method for Rolls

How rolls are cut after ejection varies depending on printer settings.

- **Automatic cut**

  The roll is automatically cut by the cutter blade according to the printer driver settings.

  - Printer Setting

    Roll Paper 1/Roll Paper 2 > **Paper settings** > **Advanced** > **Cutting mode** > **Automatic cut**

  - Driver Setting

    Automatic Cutting > **Yes**

    ➡ See "Cutting Roll Paper after Printing" (Windows).

    ➡ See "Cutting Roll Paper after Printing" (macOS).

- **Eject (when the paper surface is being scratched / to wait for ink to dry)**

  Select this to move the cutter by touch screen operation and cut paper. With **Automatic cut**, the paper drops and may rub against the basket, resulting in damage to the print surface, but you can cut using this method and supporting the paper so that it does not drop to avoid damage to the paper. Also, you can prevent paper that has not dried from dropping by visually checking the ink has dried, and then cutting the paper.

  After printing, tap **Cut paper** and cut the roll paper on the cutter blade.

  - Printer Setting

    Roll Paper 1/Roll Paper 2 > **Paper settings** > **Advanced** > **Cutting mode** > **Eject cut**

  - Driver Setting

    Automatic Cutting > **Yes**

    ➡ See "Cutting Roll Paper after Printing" (Windows).

    ➡ See "Cutting Roll Paper after Printing" (macOS).

- **Manual (when using media that cannot be cut with the cutter blade)**

  Select this if the paper cannot be cut on the cutter blade.

  Cut each page from the roll using scissors. For continuous printing (if you will cut each page later), select **Automatic Cutting** > **Yes** or select **Print Cut Guideline**.

  - Printer Setting

    Roll Paper 1/Roll Paper 2 > **Paper settings** > **Advanced** > **Cutting mode** > **User cut**

  - Driver Setting

    Automatic Cutting > **No**, **Yes**, **Print Cut Guideline**

    ➡ See "Cutting Roll Paper after Printing" (Windows).

    ➡ See "Cutting Roll Paper after Printing" (macOS).

- **Paper cutting (to have the roll cut at your specified position)**

  Select this when you want to cut the roll paper by operating the cutter blade using the touch screen after printing with **No** or **Print Cut Guideline** selected in **Automatic Cutting** in the printer driver.

  Otherwise choose this option if you want to cut the roll edge after loading a roll.

  - Printer Setting

    Roll Paper 1/Roll Paper 2 > **Feed/cut** > **Cut paper** > **Yes**

  - Driver Setting

    Automatic Cutting > **No**, **Print Cut Guideline**

    ➡ See "Cutting Roll Paper after Printing" (Windows).

    ➡ See "Cutting Roll Paper after Printing" (macOS).

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 cut** 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)

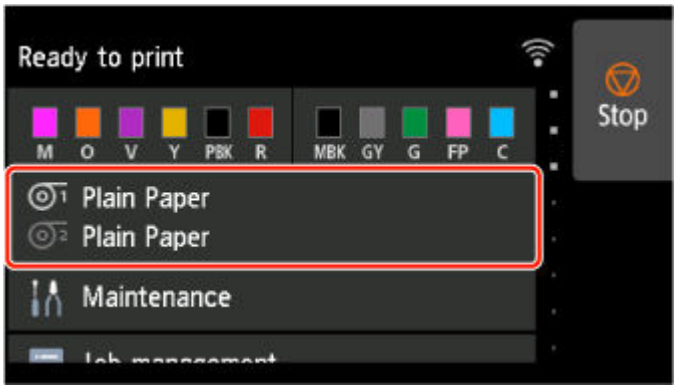
Important

- 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. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap paper feed slot where roll paper for which you want to set cutting method is loaded.
3. Tap **Paper settings**.
4. Tap **Advanced**.
5. Tap **Cutting mode**.
6. Tap **Eject cut**.
7. Print the job.

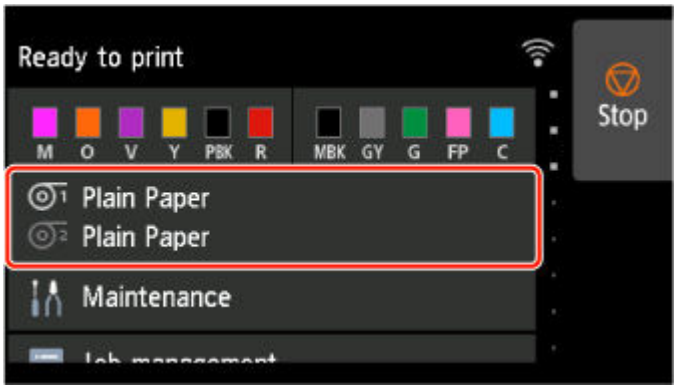
   When printing is finished, the printer will stop without cutting.
8. While holding printed document to prevent it from dropping, tap **Cut paper** to cut roll paper.

Manual (when using media that cannot be cut with the cutter blade)

Note

- 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. Tap paper settings display area on Home screen of touch screen.



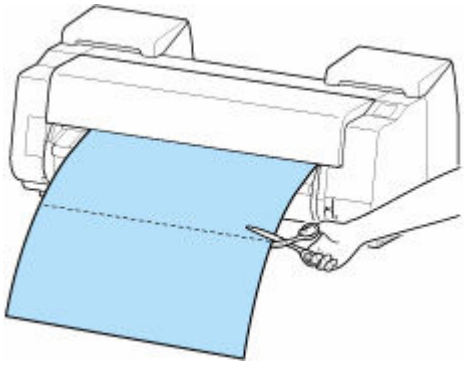
Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap paper feed slot where roll paper for which you want to set cutting method is loaded.
3. Tap **Paper settings**.
4. Tap **Advanced**.
5. Tap **Cutting mode**.
6. Tap **User cut**.
7. When **Do you want to set to detect the leading edge of the paper?** is displayed, select **Detect (recommended)**.
8. Print the job.

   The printer stops advancing the paper after printing.
9. Tap **Advance paper**.

   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. Tap **OK**.

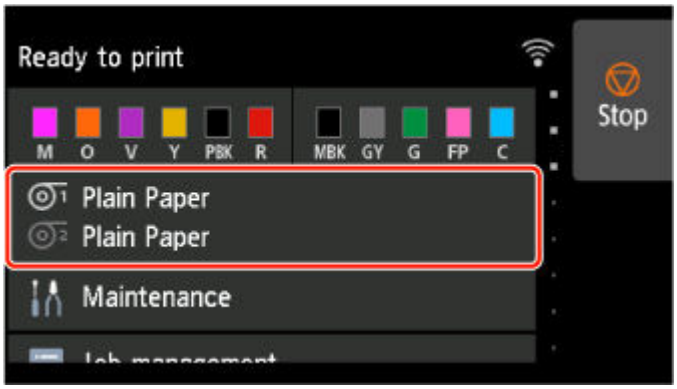
    After the roll is rewound, it stops automatically.

Manual (for paper of which the leading edge rubs the print head)

Note

- 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. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap paper feed slot where roll paper for which you want to set cutting method is loaded.

3. Tap **Paper settings**.

4. Tap **Advanced**.

5. Tap **Cutting mode**.

6. Tap **User cut**.

7. When **Do you want to set to detect the leading edge of the paper?** is displayed, select **Do not detect**.

Note

- If you set the detection of paper leading edge to **Do not detect**, a margin of about 4.0 inches (10 cm) is created at the paper leading edge when printing starts.

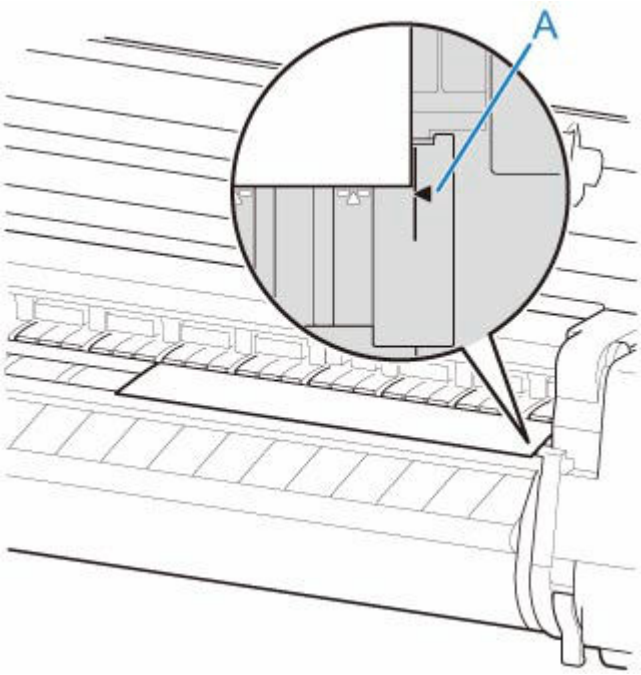
- When the detection of paper leading edge is set to **Do not detect**, printing will start at the position at which the roll was set for the first printing after replacing a roll. Thus, the margin of the paper leading edge will enlarge.

  (See "Loading the Upper Roll on the Printer.")

8. Tap **Back** button twice to display roll paper screen.

9. Tap **Feed/cut**.

10. Tap or touch **Advance** or **Rewind** and align paper's leading edge with position (A).



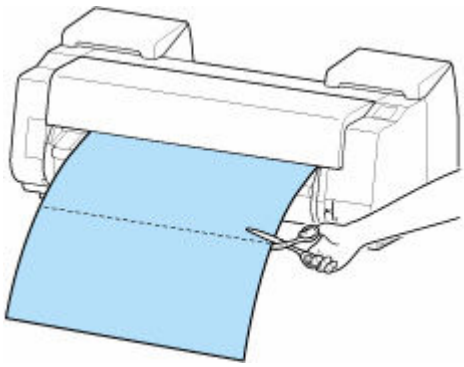
11. Print the job.

    The printer stops advancing the paper after printing.

12. Tap **Advance paper**.

    Roll paper is fed to the specified cut position and then automatically stopped.

13. Cut the roll paper manually with scissors or the like.

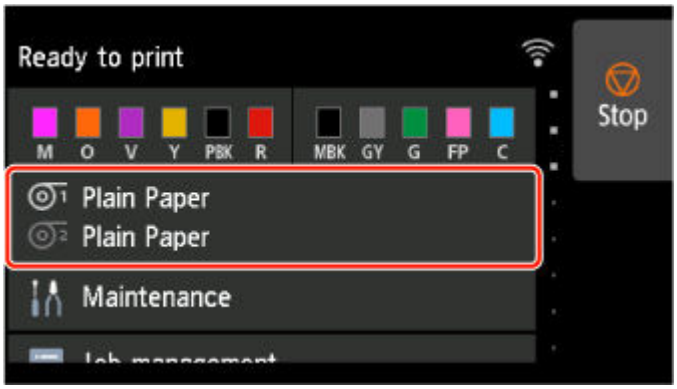


14. Tap **OK**.

    After the roll is rewound, it stops automatically.

Paper cutting (to have the roll cut at your specified position)

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap paper feed slot where roll paper you want to cut is loaded.

3. Tap **Feed/cut**.

4. Tap or touch **Advance** or **Rewind** to feed roll paper to desired cutting position.

5. Tap **Cut paper**.

6. Tap **Yes**.

    After the roll paper is cut, it is rewound automatically.

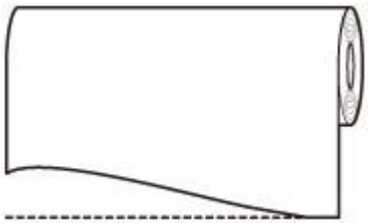
Cutting the Leading Edge of Roll Paper Automatically

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 touch screen menu.

The following settings are available for **Trim edge first**.

- **Auto**

  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 Length)**

  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 the leading edge precut length, see "Paper Information List".

- **On(Input Length)**

  Specify the amount to cut from the leading edge of paper on the touch screen. The amount to cut from the leading edge can be specified in the range of lengths that appear on the touch screen. The range of lengths differs according to the media type.

  Note

  - The amount to cut from the leading edge of paper cannot be set shorter than the length that appears on the touch screen.

- **Manual**

  The amount to cut from the leading edge of paper can be adjusted by using the touch screen.

  To cut the paper after adjusting, tap **Cut paper** and **Yes**.

  After cutting the paper, tap **Complete paper loading**.

  Note

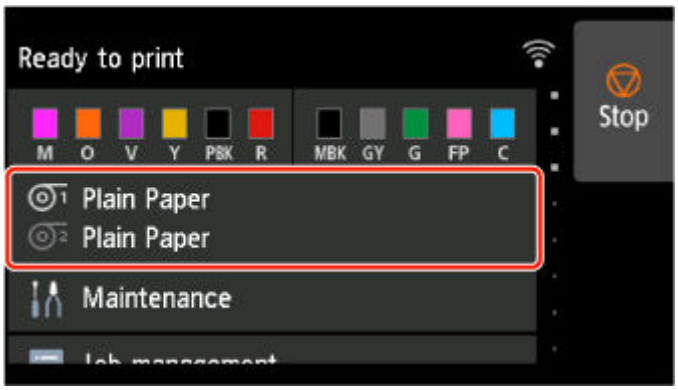
  - If you do not tap **Complete paper loading** after cutting the paper, you cannot print the next job.

- **Off**

  The edge is not cut and scraps are not removed.

Follow these steps to change the **Trim edge first** setting.

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap or .

3. Tap **Paper settings**.

4. Tap **Advanced**.

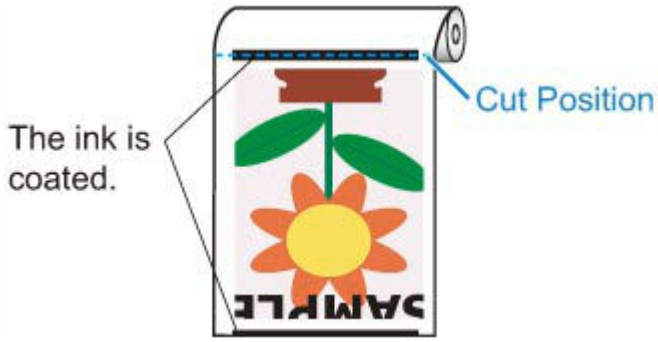
5. Tap **Trim edge first**.

6. Tap desired **Trim edge first** settings.

   This setting takes effect the next time you load a roll.

Reducing Dust from Cutting Rolls

If the paper tends to generate dust when cut, such as with Backlit Film, you can reduce flying dust by setting **Cut-dust reduction** to **ON** from the touch screen menu, which will coat the leading and trailing edges of the printed document with ink. As a result, you can reduce problems with the print head. You can set **Cut-dust reduction** according to the media type.

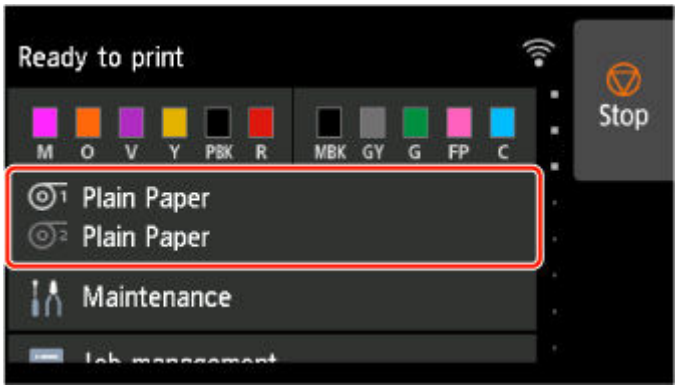


Important

- Do not set **Cut-dust reduction** to **ON** for paper that wrinkles easily, such as **Plain Paper** or lightweight paper. If not cut properly, the paper may jam.
- Borderless printing is not available when **Cut-dust reduction** is set to **ON**. When performing borderless printing, set **Cut-dust reduction** to **OFF**.

Follow these steps to set **Cut-dust reduction** to **ON**.

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap or area.

3. Tap **Paper settings**.

4. Tap **Advanced**.

5. Tap **Cut-dust reduction**.

6. Tap **ON**.

Automatically Switch Rolls

By using the roll unit as a roll paper feed device, you can load an upper roll (Roll 1 on printer) and a lower roll (Roll 2 on the roll unit), and print on while automatically changing between Roll 1 and Roll 2 depending on the print job.

For details on how to switch between Roll 1 and Roll 2, see "How to Switch Paper Rolls" (Windows) or "How to Switch Paper Rolls" (macOS).

Important

- If **Paper retention settings** is set to **Release**, automatic switching of roll paper cannot be used.

Handling sheets

- Loading Sheets in the Printer
- Changing the Type of Paper
- Printing From a Desired Starting Point
- Removing Sheets
- Remove a Jammed Sheet
- Specifying the Ink Drying Time

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 "1317.")
- If you are not using the stand, make sure there is no object under the printer. If there is any object under the printer, it may cause damage of the paper or jamming.

Note

- Before loading cut sheets, check whether or not the inside of the top cover or the output guide is soiled. If these areas are dirty, we recommend cleaning them in advance. (See "Cleaning Inside the Top Cover.").
- Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.

1. Select sheets as the paper source.

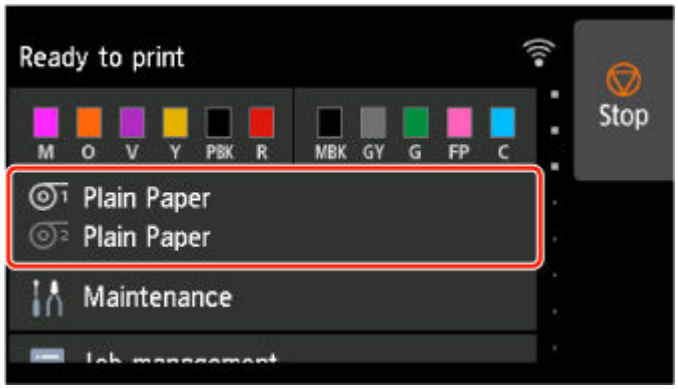
   - **If a print job was received**

     Sheets are automatically selected, and the media type and size specified by the print job are shown on the touch screen.

     Tap **OK** and **Load paper**.

   - **If no print job was received**

     1. Tap paper settings display area on touch screen.

        ### Note

        - If the Home screen does not appear, tap the **HOME** button.

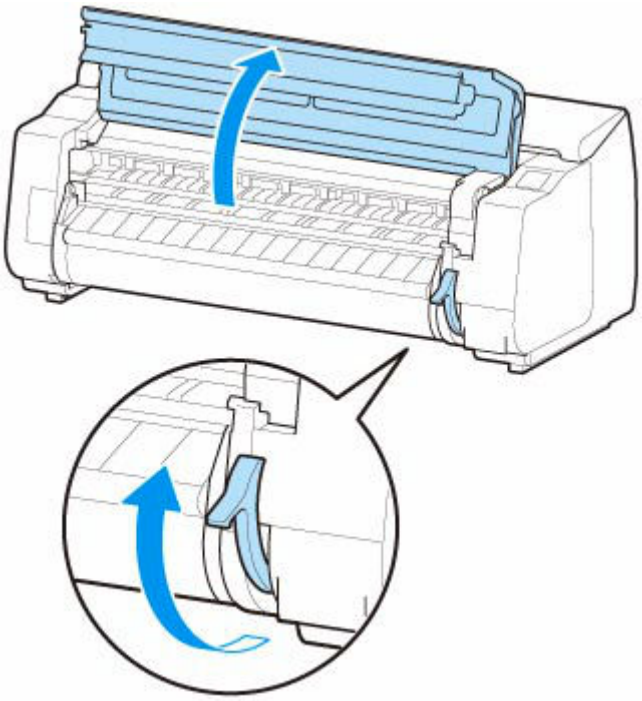
     2. Tap area.
     3. Tap **Load paper** or **Replace paper**.

Note

- If any paper has been advanced that will not be used, a message is shown requesting you to remove it.

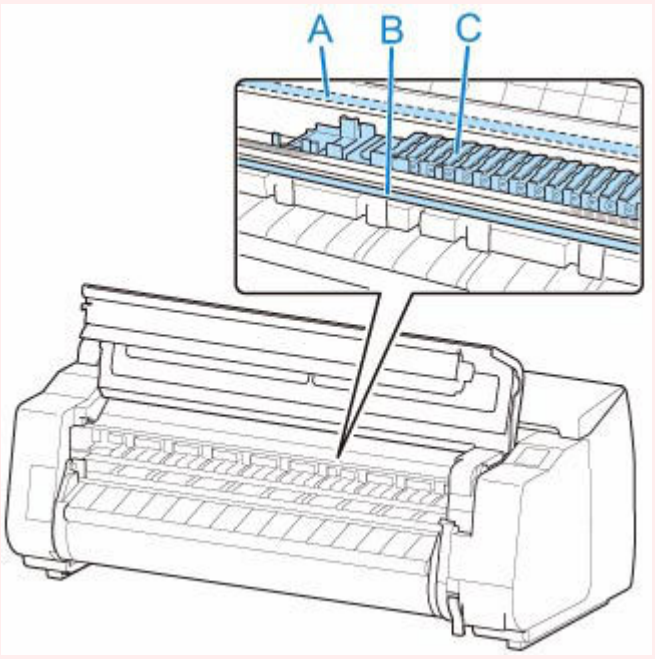
  Follow the instructions on the screen to remove the paper, and redo the operation.

2. Open top cover and lift release lever.

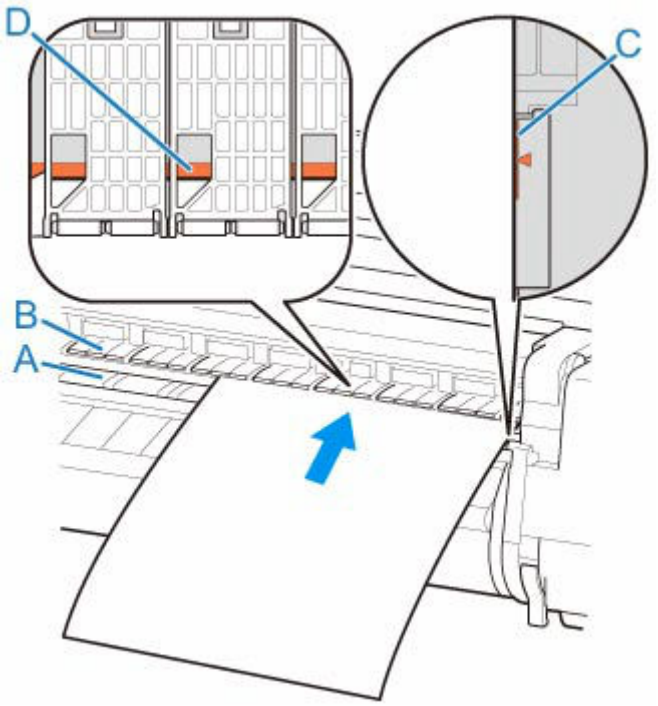


Important

- Do not touch Linear Scale (A), carriage shaft (B), or Ink Tube Stabilizer (C). Touching these parts may damage them.



3. Place cut sheet with the print side up, insert in portrait orientation between platen (A) and paper retainer (B), and align paper's far edge using the following steps.
    1. Load while aligning with right side paper alignment line (C).
    2. Align far edge of inserted sheet with leading edge of paper alignment line (D) as shown.



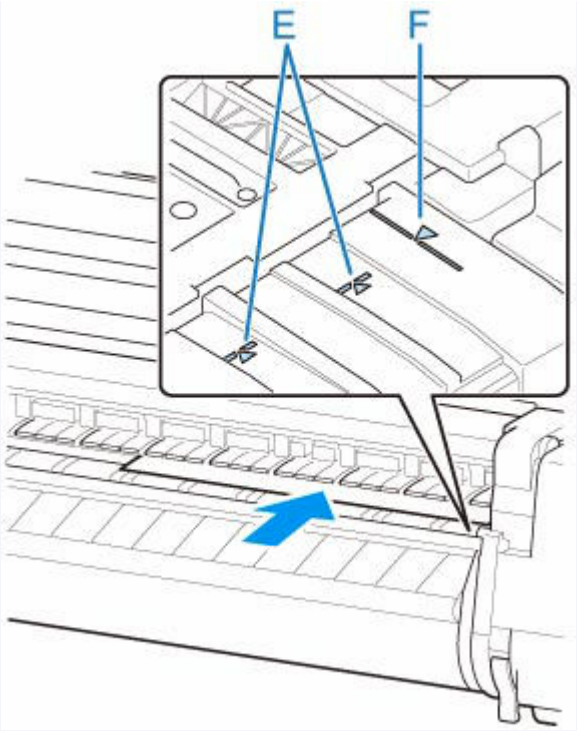
When you insert the sheet, it will adhere automatically to the surface of the platen.

Important

- Load the sheet so that it is parallel to the right paper alignment line (C). Loading paper askew will cause an error.
- Warped paper may rub against the print head. Straighten paper if it is warped before loading.

Note

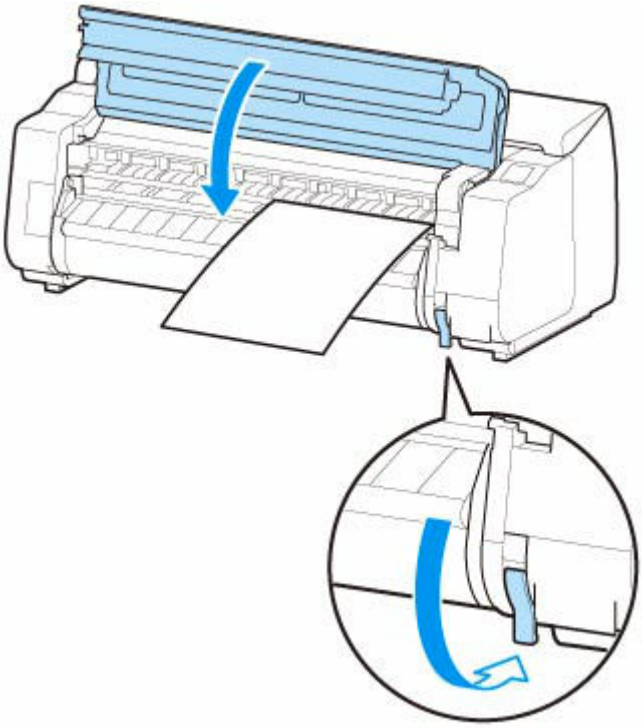
- You can also align the cut sheet based on its near edge. In this case, load the cut sheet aligning its near edge with marks (E) on the platen and the right edge with the right-side paper alignment line (F).



- You can adjust the vacuum strength holding the paper against the platen when the release lever is up. If it is difficult to load the paper, tap **Suction** on the touch screen and adjust the vacuum strength. You can adjust the vacuum strength to 5 levels.

  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 0.04 inch (1 mm)) 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 release lever and close top cover.



- **If a print job was received**

  Printing will start after paper feeding when you follow touch screen instruction.

- **If no print job was received**

  A menu for selecting the media type appears.

  Paper feeding will start when you select the media type of the loaded paper.

Note

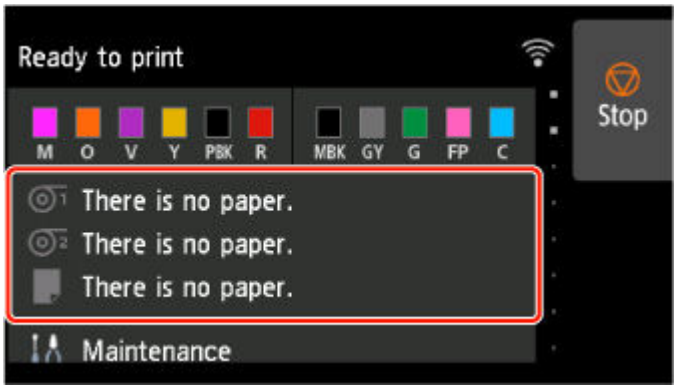
- For details on media types that you can select, see "Paper Information List."

Printing From a Desired Starting Point

Print on sheets from a desired starting point as follows.

Setting Detect paper width to Disable

1. Tap paper settings display area on Home screen of touch screen.



Note

- If the Home screen does not appear, tap the **HOME** button.

2. Tap area.

3. Tap **Paper settings**.

4. Tap **Advanced**.

5. Select **Detect paper width** and tap **Disable**.

Load paper in the desired position to start printing from

Follow these instructions to load paper at the desired starting position for printing when **Detect paper width** is set to **Disable**.

1. If you did not send a print job in advance, a menu for selection of the type of paper is displayed.

   Tap media type loaded.

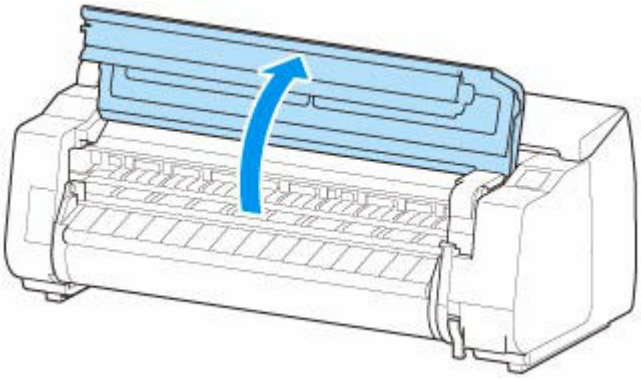
Note

- If a print job was received before the paper was fed, the media type and size specified by the job are shown on the touch screen.

  Go to step 2.

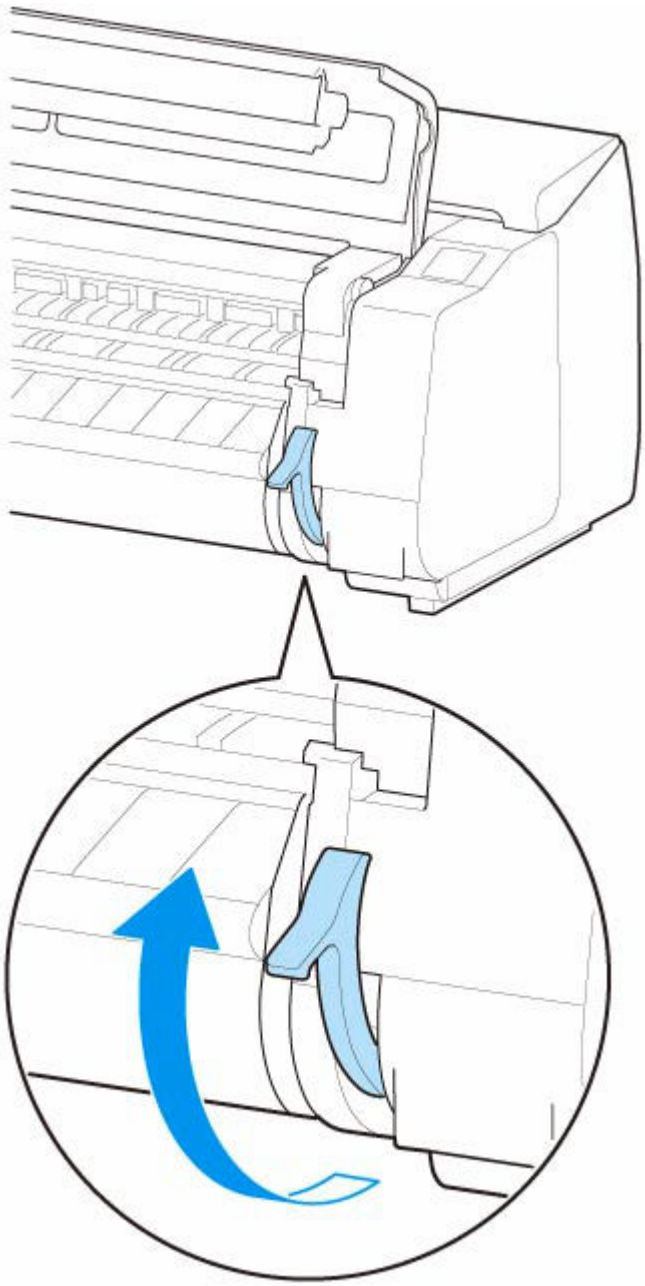
2. When "**[Detect paper width] is disabled. Do you want to keep it disabled and continue?**" appears on touch screen, tap **Keep it disabled and continue**.

3. Open top cover and check position where paper is loaded.

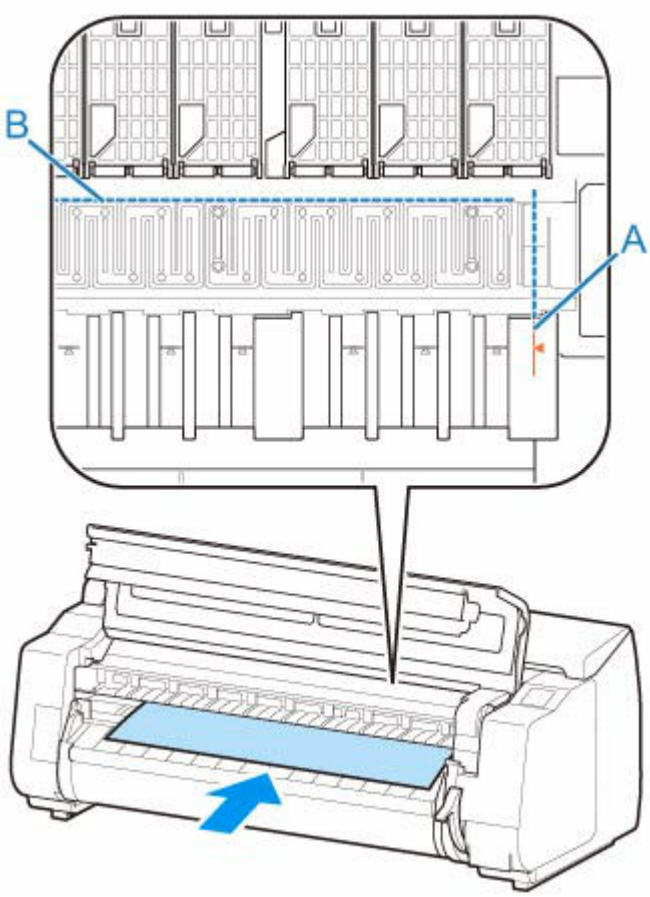


To start printing from the current position, close the top cover.

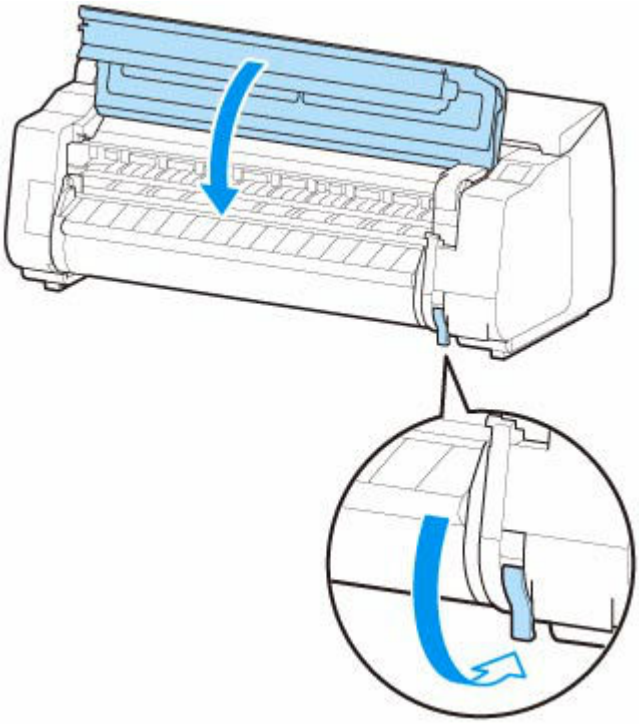
To reposition the paper, lift the release lever.



4. Load paper keeping right edge of paper aligned with extended line of paper alignment line (A) on right side of printer and position from which to start printing aligned with groove (B) at far end of platen.



5. Lower release lever and close top cover.

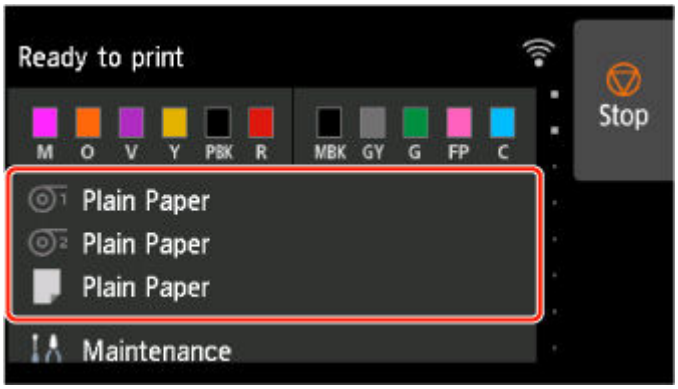


6. When screen for selecting paper size appears, select size of paper loaded.

Removing Sheets

Remove sheets from the printer as follows.

1. Tap paper settings display area on Home screen of touch screen.



Note

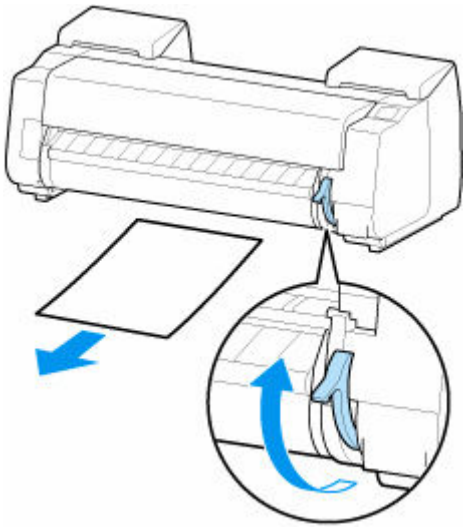
- If the Home screen does not appear, tap the **HOME** button.

2. Tap area.

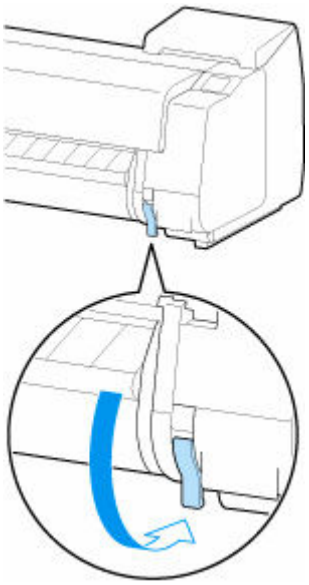
3. Tap **Remove paper**.

4. Check touch screen message and tap **Yes**.

5. When instructions for removing sheet appear on touch screen, lift release lever while holding sheet, and remove sheet.



6. Lower release lever.



Basket

- Using the Basket
- Example Basket Configurations
- Storing the Basket

Using the Basket

By changing the following four items for the basket, you can use the basket in various ways to suit your application.

- Length of basket arm
- Tilt of basket arm
- Attachment position of basket
- Length of basket

This section describes how to change the basket.

For specific examples of basket use, see "Example Basket Configurations."

Important

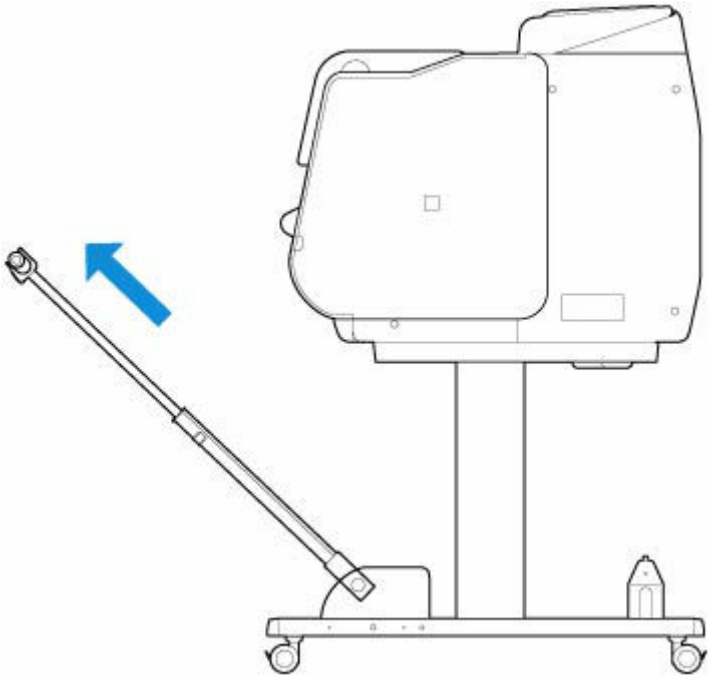
- When changing the position of the basket, first return the basket to a unwound state while pressing the basket rewind button on the right end of the basket rod (tag side), and then make the change.
- If the basket rod (tag side) has come off the basket arm, attach it by inserting the projections on both ends of the basket rod (tag side) into oval holes on the tip of the basket arm.
- When moving the printer, remove the basket.
- Do not apply excessive force to the basket. Doing so may damage the basket.
- If the cloth part of the basket becomes dirty, wipe off the dirt without washing. Washing it may affect the performance of the basket.

Changing Length of basket arm

You can change the length of the basket arm in two steps.

To lengthen, expand the left/right basket arm in the direction of the arrow.

To shorten, contract the left/right basket arm in the opposite direction of the arrow.

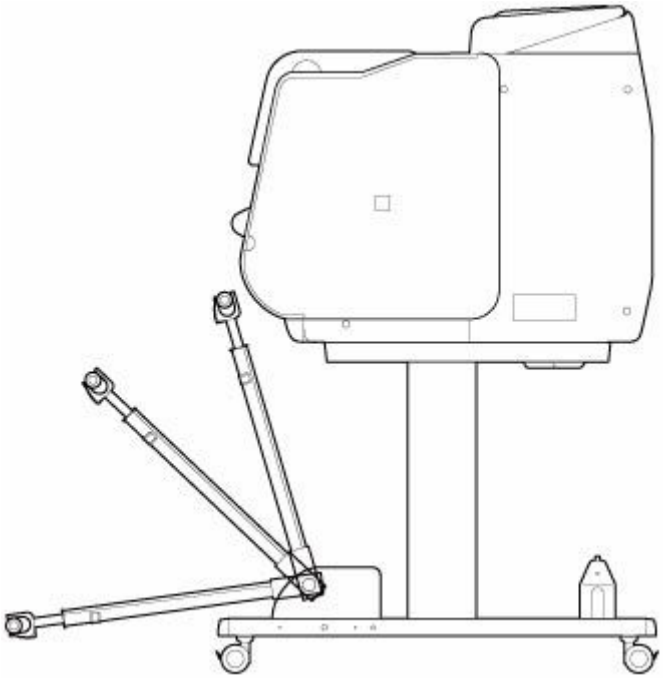


Important

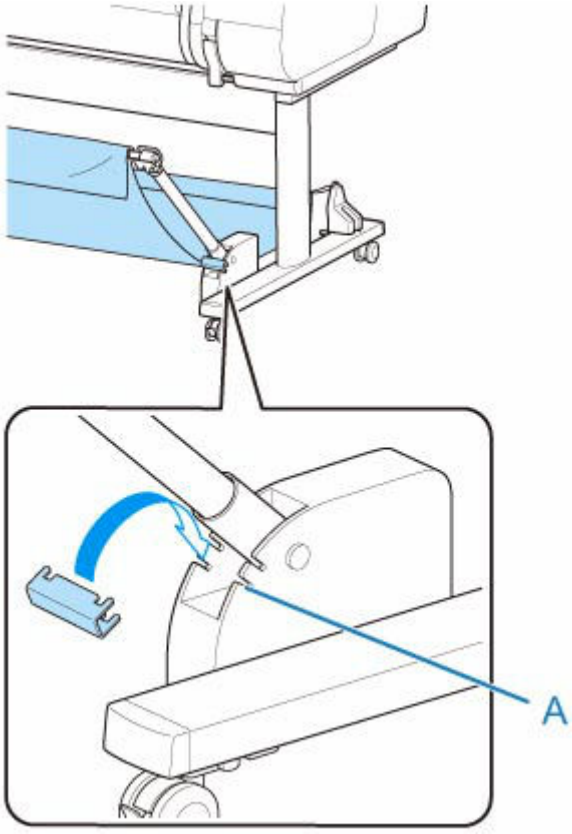
- When lengthening the basket arm, first return the basket to an unwound state while pressing the basket rewind button on the right edge of the basket rod (tag side), and then make the change.

Changing Tilt of basket arm

You can change the tilt of the basket arm in three steps.



When securing the basket arm, attach the basket locking support to the basket arms (A) on both sides.



Important

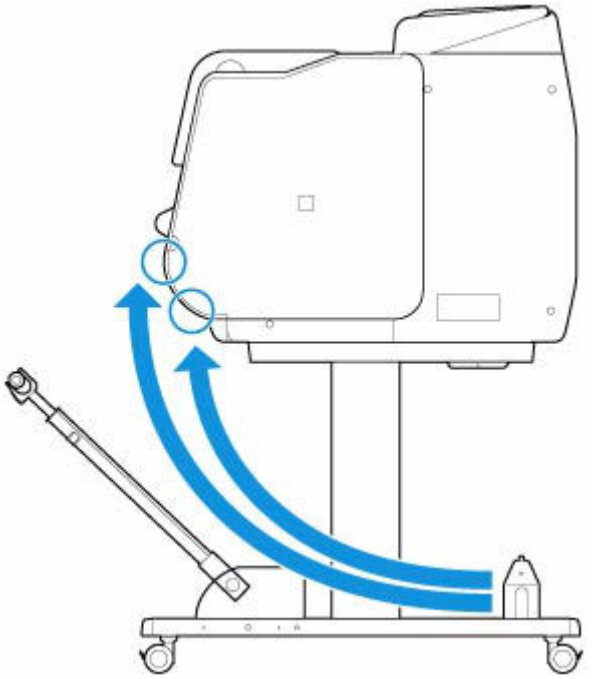
- If you are changing the angle of the basket arm, make sure the thick part of the basket arm is pulled out as far as possible.
- When changing the angle of the basket arm, hold the thick part of the left/right basket arm, and adjust them.
- While using the basket locking support, do not apply excessive force to the orientation in which you lower the basket arm. Doing so may damage the basket.
- While using the basket locking support, you cannot use "Printing on Large-Format or Easily Damaged Paper (Position 3)." When using this position, detach the basket locking support.
- While using the basket locking support, you cannot store the basket. When you store the basket, detach the basket locking support.

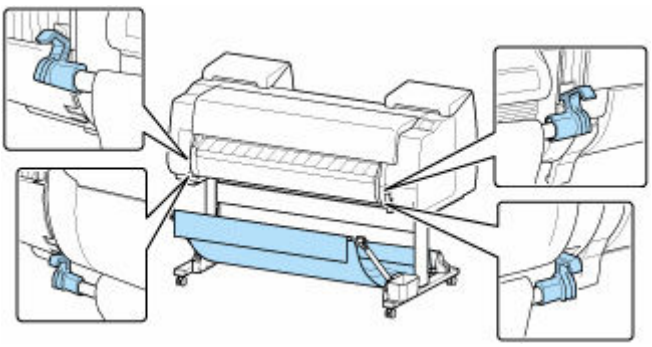
  ➡ Storing the Basket

Changing Attachment Position of basket

You can attach the basket rod (cord side) to the stand's rod holder or the front of the printer.

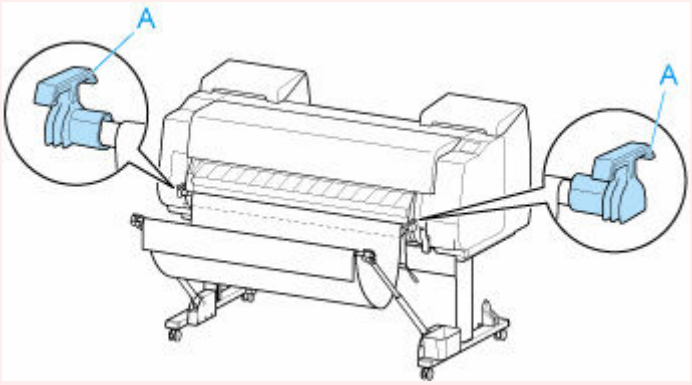
To attach, hang both sides of the basket rod (cord side) on the paired attachment locations shown in the illustration.





Important

- When attaching the basket rod (cord side) to the front of the printer, make sure both ends of the rod (A) are securely hooked onto the attachment parts.

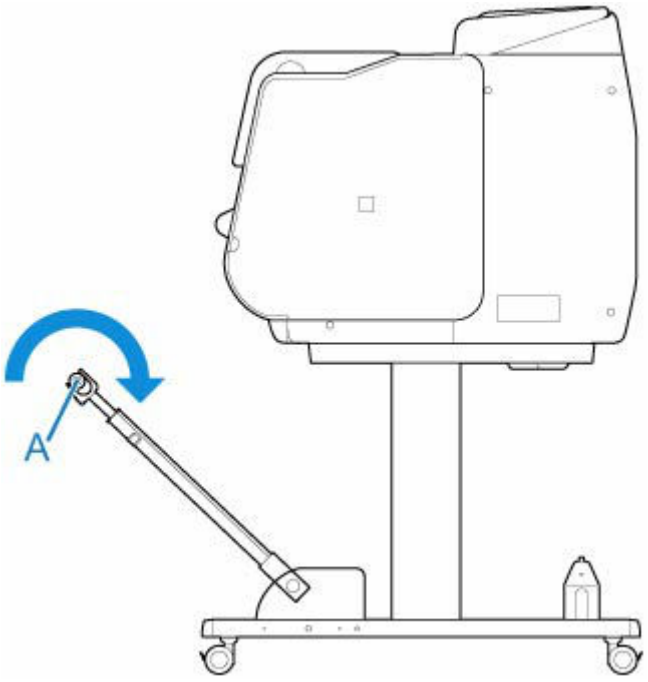


Changing Length of basket

You can adjust the basket length by rotating the basket rod (tag side).

To shorten, rotate the basket rod (tag side) in the direction of the arrow to wind the basket.

To lengthen, rotate the basket rod (tag side) in the opposite direction of the arrow while pressing the basket rewind button (A) on the right end of the basket rod (tag side). You can return the wound basket to its original position.



Example Basket Configurations

Various positions are possible for the basket that collects the printed materials.

In this section, we present the following five positions as examples of using the basket. Switch the position of the basket to suit to the media type and the print job.

- Using Without roll unit (Position 1)
- Using With roll unit (Position 2)
- Printing on Large-Format or Easily Damaged Paper (Position 3)
- Stacking Printed Materials (Position 4)
- Moving Printed Materials to Next Work Area Immediately (Position 5)

For instructions on switching the basket position, see "Using the Basket."

Important

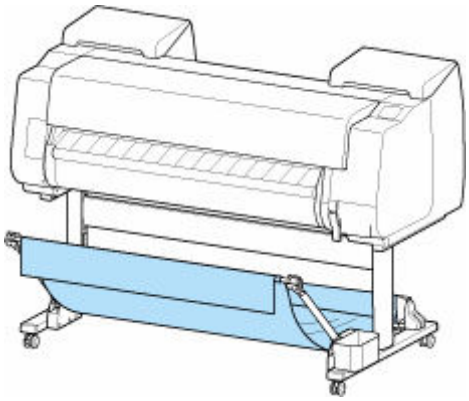
- If replacing the roll paper or using the roll unit as a take-up device, you must store the basket. For instructions on storing the basket, see "Storing the Basket."
- If the printed materials collected are damaged or folded, select **Eject cut** in **Cutting mode** or use the basket in a different position. (See "Specifying the Cutting Method for Rolls.")

Note

- For details on the printer dimensions when using the basket, see "Specifications."

Using Without roll unit (Position 1)

You can use the basket in the following positions when not using the roll unit.



Important

- The number of sheets that can be collected in the basket is one. If printing multiple pages, print after removing each sheet.
- If using the roll unit as a feed device, we recommend using it as described in "Using With roll unit (Position 2)".
- If using the roll unit and using the Position 1 basket, the printed materials may come in contact with the roll unit depending on the paper, resulting in damage.

- If using the roll unit as a feed device and using the Position 1 basket, the ejected roll paper's cut end enters the roll unit and may cause a paper jam or affect the print quality when set to **Borderless Printing** or **Trim edge first** when loading the paper.
- Roll paper up to 62 inches (1,575 mm) in length can be collected in the basket. If printing on longer roll paper, use as described in "Printing on Large-Format or Easily Damaged Paper (Position 3)" or use with the roll unit as the take-up device.

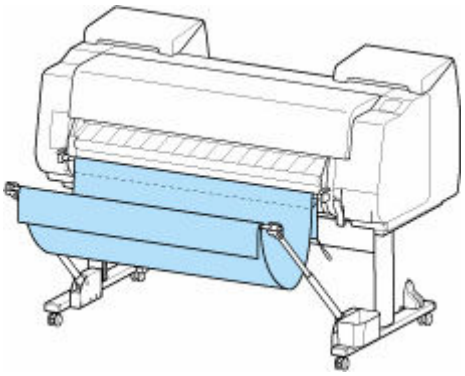
Using With roll unit (Position 2)

You can use the basket in the following positions when using the roll unit as a feed device.

This position is useful also when rewinding printed roll paper by hand.

Move the basket rod (cord side) to the upper of the two pairs of attachment locations on the front of the printer, and extend the basket arm as far as possible at the angle shown to achieve this position.

You can adjust the basket length so that it is easy to use.



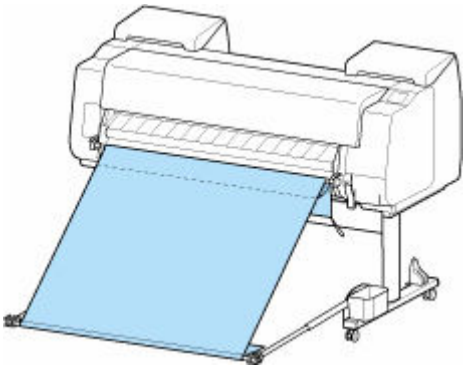
Important

- You can place up to approximately 4.41 lbs (2 kg) of printed materials in the basket. If the weight of the printed materials is greater than that, the basket may fall over.

Printing on Large-Format or Easily Damaged Paper (Position 3)

If printing on large-format or easily damaged paper, you can use the basket in the following position.

Move the basket rod (cord side) to the upper of the two pairs of attachment locations on the front of the printer, extend the basket arm as far as possible, and lower it to the angle shown. Next, adjust the length so that the basket is pulled into this position.



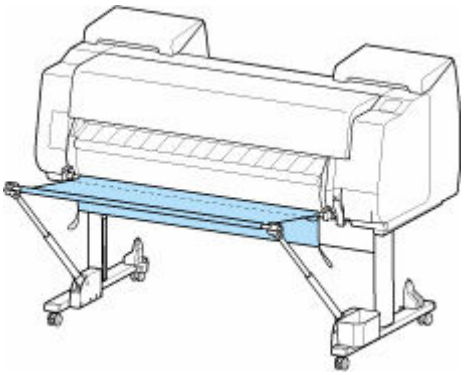
Important

- Always select **Eject cut** in **Cutting mode** when used in this position. If you select **Automatic cut**, the printed materials may be damaged. (See "Specifying the Cutting Method for Rolls.")
- Be extra careful when using paper that tends to curl or is damaged easily in this position.
- With some types of paper, the leading edge may curl or bend during ejection. In this case, straighten out the paper. Printed documents may be damaged if the paper is curled or bent.
- Depending on the paper, the paper may be caught between the output guide and the basket when being ejected. In this case, fix the paper that is caught. If the paper is caught, printed documents may be damaged.

Stacking Printed Materials (Position 4)

You can use the basket in following positions when you want to stack printed materials.

Move the basket rod (cord side) to the lower of the two pairs of attachment locations on the front of the printer, extend the basket arm as far as possible in the angle shown. Next, adjust the length so that the basket is pulled into this position.



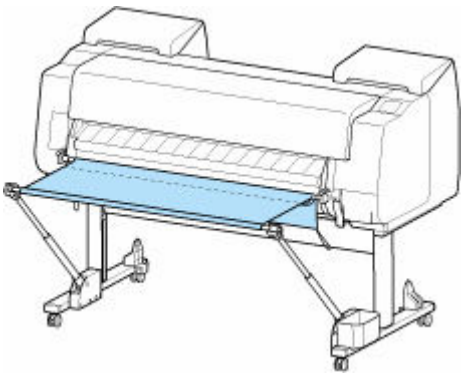
Important

- In the following cases, use as described in "Using Without roll unit (Position 1)" or "Using With roll unit (Position 2)". If printing multiple pages in these positions, print after removing each sheet.
  - Printed materials other than A2 portrait
  - Paper curls an extreme amount due to paper characteristics and printing environment
  - If there is not much paper remaining on the roll, and the paper curls an extreme amount

Moving Printed Materials to Next Work Area Immediately (Position 5)

You can use the basket in the following position when moving the printed materials to the next work area immediately.

Move the basket rod (cord side) to the upper of the two pairs of attachment locations on the front of the printer, extend the basket arm as far as possible in the angle shown. Next, adjust the length so that the basket is pulled into this position.



Important

- Be extra careful when using paper that tends to curl or is damaged easily in this position.
- With some types of paper, the leading edge may curl or bend during ejection. In this case, straighten out the paper. Printed documents may be damaged if the paper is curled or bent.
- Depending on the paper, the paper may be caught between the output guide and the basket when being ejected. In this case, fix the paper that is caught. If the paper is caught, printed documents may be damaged.

Storing the Basket

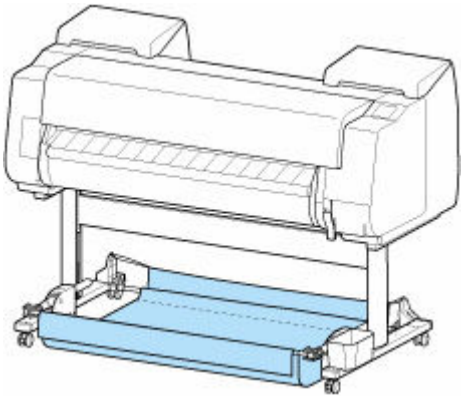
Store the basket in the following two positions when not in use. Select the position to suit the circumstances.

- If Changing Roll Paper or Using roll unit as Take-up Device
- Using Without basket (Only When roll unit Is Not Used)

If Changing Roll Paper or Using roll unit as Take-up Device

If replacing the roll paper or using the roll unit as a take-up device, store the basket.

You can store the basket, by attaching the basket rod (cord side) to the rod holder, lowering the basket arm until level, and then pushing as far back as possible.

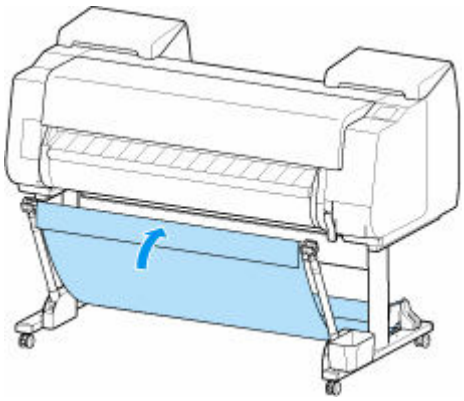


Important

- If changing the basket position, first release and rewind the basket. If it is not released and rewound, the change may not be performed smoothly, or the basket may be damaged. (See "Using the Basket.").
- If you are changing the angle of the basket arm, make sure the thick part of the basket arm is pulled out as far as possible.
- If the basket rod (tag side) has come off the basket arm, attach it by inserting the projections on both ends of the basket rod (tag side) into oval holes on the tip of the basket arm.
- Do not apply excessive force to the basket. Doing so may damage the basket.

Using Without basket (Only When roll unit Is Not Used)

If you are not using the roll unit, you can easily store the basket by holding the thick parts of the left/right basket arm in the Position 1 (See "Example Basket Configurations.") state, and moving them in the direction of the arrow.



Roll Unit

- Switching Roll Unit Modes
- Using the Roll Unit In Take-Up Mode
- Removing Printed Paper from the Roll Unit

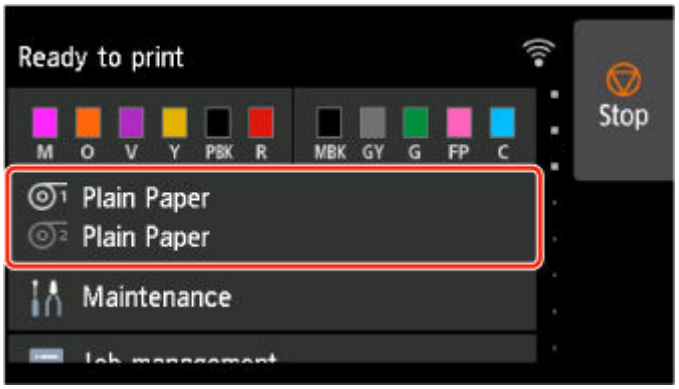
Switching Roll Unit Modes

Before using the roll unit, follow these steps to select the mode you want to use.

Important

- After switching the roll unit function, you must use a separate computer to apply the roll unit settings to the printer driver. For details, see "Reflect Roll Unit Settings in the Printer Driver" (Windows) or "Reflect Roll Unit Settings in the Printer Driver" (macOS).
- If you change the roll unit from a take-up device to a feed device, first cut the paper that has been taken up.

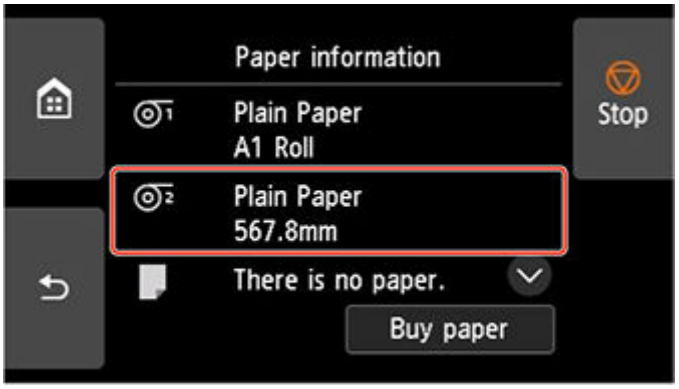
1. Tap paper settings display area on Home screen of touch screen.



Important

- If the Home screen does not appear, tap the **HOME** button.

2. Tap or area.



3. Change function of roll unit.

- **Using as feed device**
  1. Tap **Roll unit use settings**.
  2. Tap **ON** when message confirming roll unit's change to feed mode appears.

Note

- If you change the mode without cutting the roll paper with the printer's cutter, a screen confirming whether or not the paper taken up has been cut appears after you tap **ON**. If the paper has not been cut, select **No** and cut the paper that has been taken up first.

3. Load roll paper on roll unit.

   For details, see "Loading the Lower Roll on the Roll Unit (Option)."

- **Using as take-up device**

1. Tap **Roll unit use settings**.
2. Tap **ON** when message confirming roll unit's change to take-up mode appears.
3. Tap to select paper cutting settings when using take-up mode.

Note

- If you selected **Do not cut**, the roll paper will not be cut after printing regardless of the **Cutting mode** setting (See "Specifying the Cutting Method for Rolls.") on the printer. Select this option when you want to print multiple pages consecutively without cutting.
- If you selected **Use the cutting mode setting**, cutting for each page will be performed according to the **Cutting mode** setting (See "Specifying the Cutting Method for Rolls.") on the printer.
- If you select **Use the cutting mode setting**, and **Automatic cut** is set in the **Cutting mode** settings (See "Specifying the Cutting Method for Rolls.") on the printer, we recommend setting **Wind up after cutting** to **Enable**. When set to **Disable**, a printed document that has been taken up is cut automatically without being pressed, resulting in fraying.
- If roll paper is loaded from the roll unit to the printer, a screen confirming whether or not to remove the roll paper appears. If you select **Yes**, the roll paper is positioned so that it can be removed and the roll unit changes to a take-up device.

4. Tap **Yes** or **No** when message confirming whether roll unit will be used immediately in take-up mode appears.

   If you tap **Yes**, the steps for loading the paper on the roll unit appear on the touch screen.

   If you tap **No**, the operation ends here. Load the paper on the roll unit when printing. However, in this case, you must load the paper while printing is progressing, so instructions will not appear on the touch screen.

   For details on loading paper on the roll unit set as a take-up device, see "Using the Roll Unit In Take-Up Mode."

Note

- If you select **Yes**, a margin of approximately 23.62 inches (600 mm) is generated at the leading edge because the roll paper advances to the roll unit before printing.

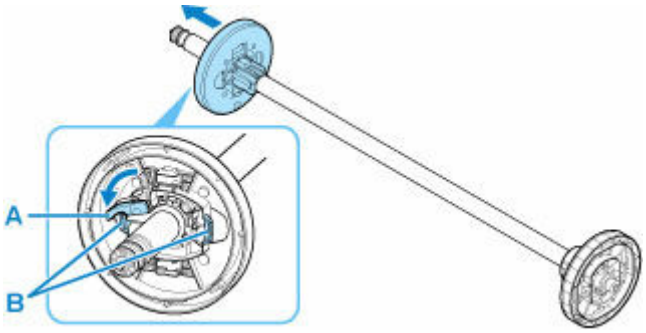
Using the Roll Unit In Take-Up Mode

Important

- For details on the roll paper compatible with winding, see "Paper Information List.".
- Before loading the roll paper to be taken up on the roll unit, set the roll unit mode to take-up device on the printer touch screen. (See "Switching Roll Unit Modes.")
- The following operation assumes that the roll holder is not installed on the roll unit and that roll paper is not loaded on the roll holder. If the roll holder is installed on the roll unit, first remove the roll holder from the roll unit, and then remove the roll paper loaded on the roll holder. (See "Removing the Lower Roll from the Roll Unit (Option).") (See "Removing Rolls From the Roll Holder.")
- Paper winding is possible until the outer diameter of the wound paper is the same as the outer diameter of the holder stopper.

1. Store basket. (See "Storing the Basket.")

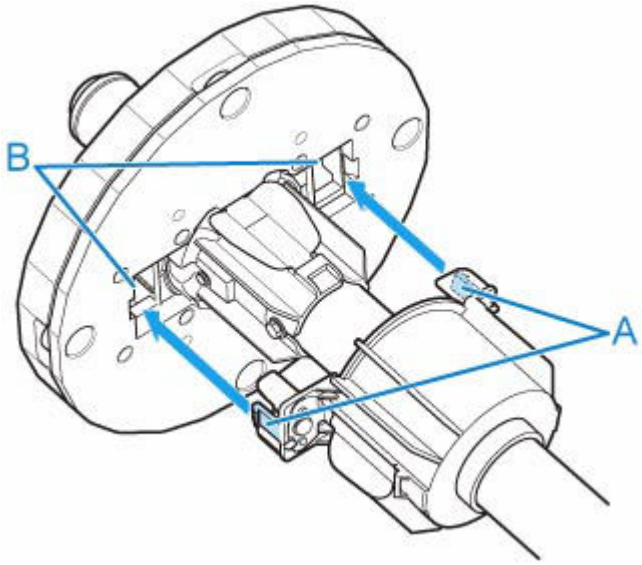
2. Rotate the holder stopper lever (A) towards to release the lock, and while holding it in position (B), remove holder stopper from the roll holder.



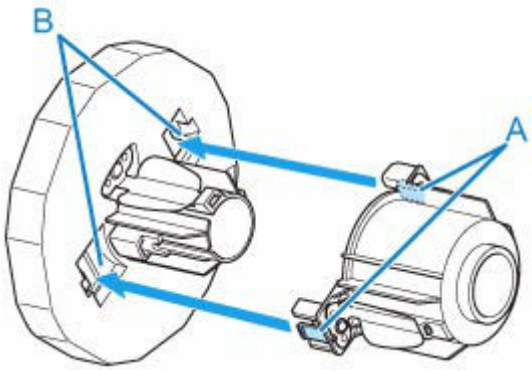
3. If taking up roll paper whose paper core has an inner diameter of 3 inches (76.2 mm), insert 3-Inch Paper Core Attachment in roll holder and holder stopper.

   Align the 3-Inch Paper Core Attachment tabs (A) with the holes on the roll holder or holder stopper (B) and insert firmly.

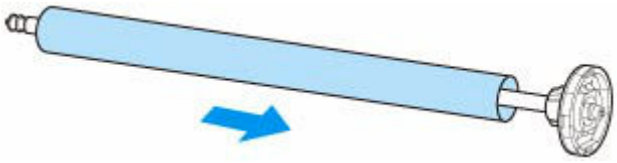
   - roll holder Side



- holder stopper Side



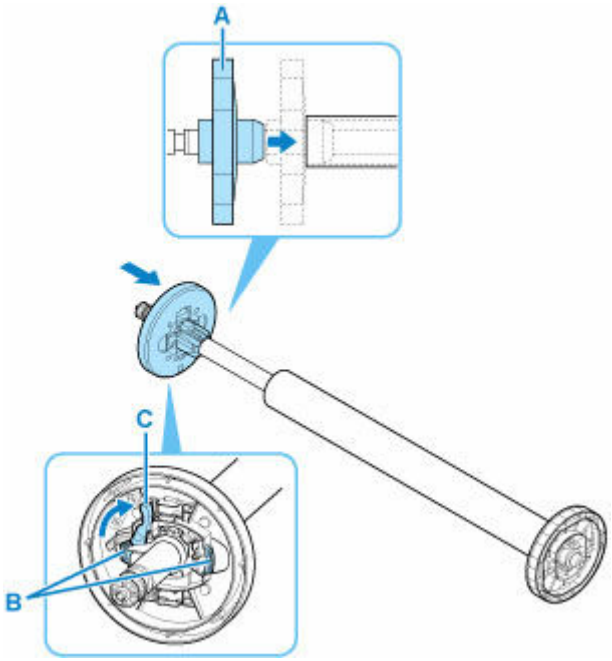
4. Insert paper core, which is for winding roll paper, into roll holder.



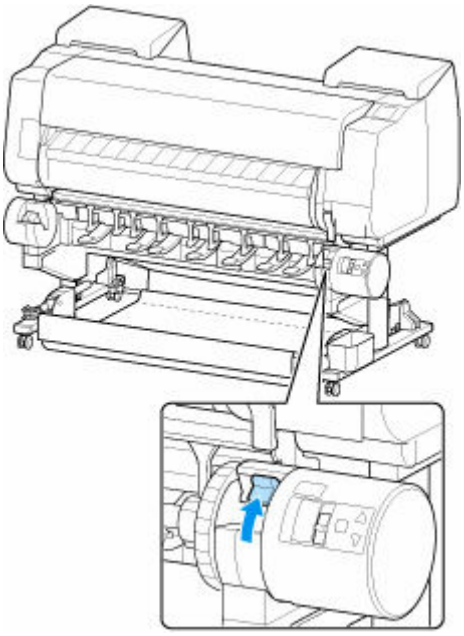
Important

- We recommend using a paper core that is wider than the paper to be wound when winding paper. If you use a narrower paper core, use with a gap between the holder stopper and the paper.
- Always use a paper core for winding that is the same thickness or is thicker than the roll paper's paper core. If you use a paper core that is thinner, it may affect take up.

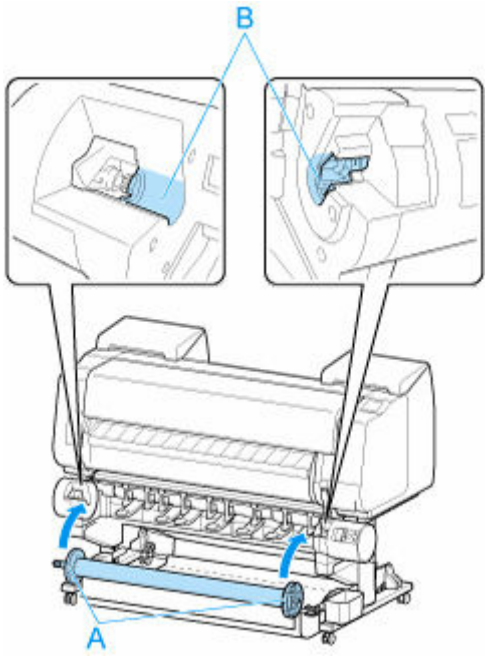
5. Insert holder stopper from left into roll holder as shown, and then while holding in position (B), push firmly until holder stopper flange (A) touches paper core. Lock the holder stopper lever (C) by rotating it towards .



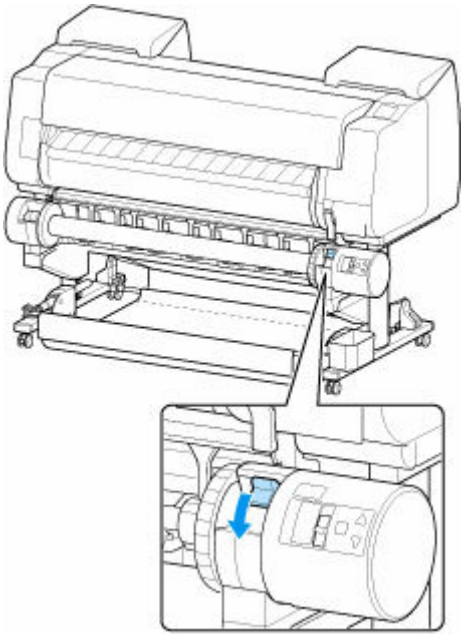
6. Change **Roll Holder Lock** switch on roll unit to release direction.



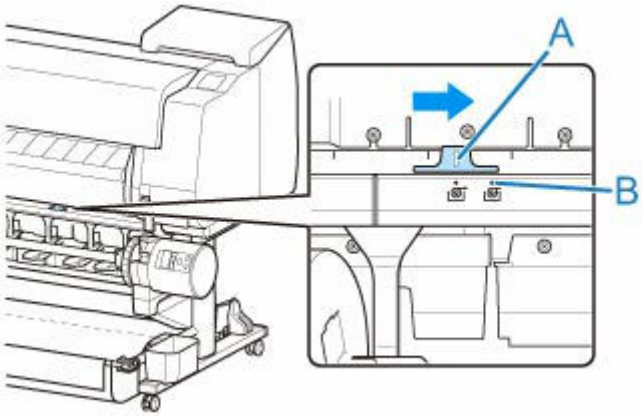
7. Hold flanges (A) so that holder stopper is on left, align roll holder shaft with roll holder slot left and right guide grooves (B), and load.



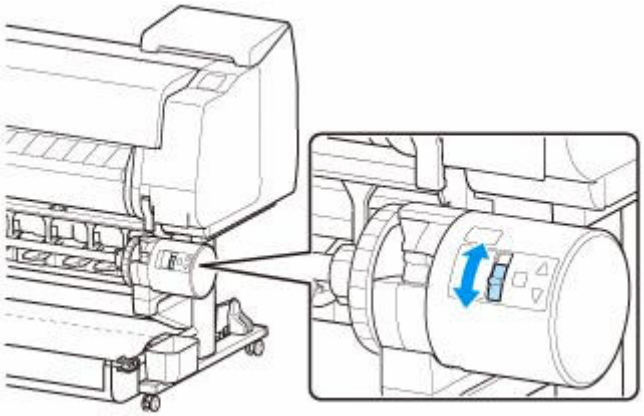
8. Change **Roll Holder Lock** switch on roll unit to lock direction.



9. Change the feed flap switch on top of the roll unit so that the switch indicator (A) is aligned with ● (B) position on the take-up icon.



10. Change **Inward/Outward Winding Changeover** switch on roll unit to desired winding direction.



Note

- For the winding direction of the roll paper, you can select either outward winding to make the printed surface on the outside of the roll or inward winding to make the printed surface on the inside of the roll.

11. Follow these steps to secure the leading edge of the roll paper to the paper core with tape.

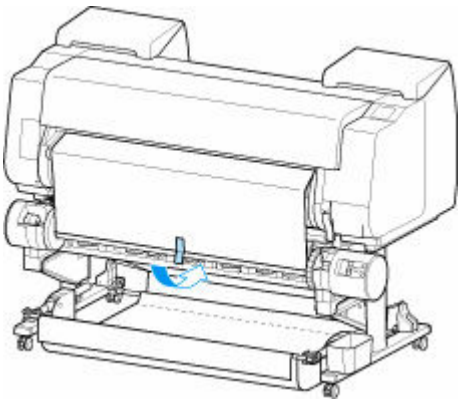
- **If message appears on touch screen to confirm whether or not to advance paper automatically so it can be secured with tape**

  1. Tap **Yes**.

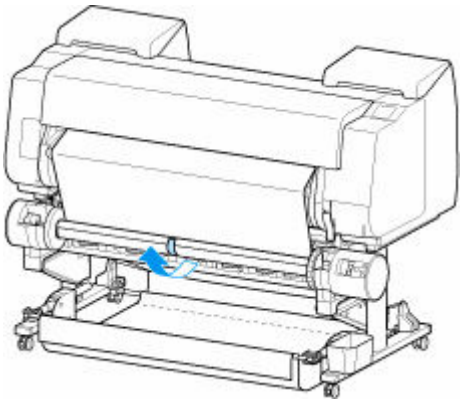
     The leading edge of the roll paper advances until it is close to the roll unit.

  2. Hold center of leading edge of roll paper, align right edge of take-up spool paper core's right edge and tape center to paper core while pulling on roll paper evenly.

     ◦ Outward Winding



◦ Inward Winding

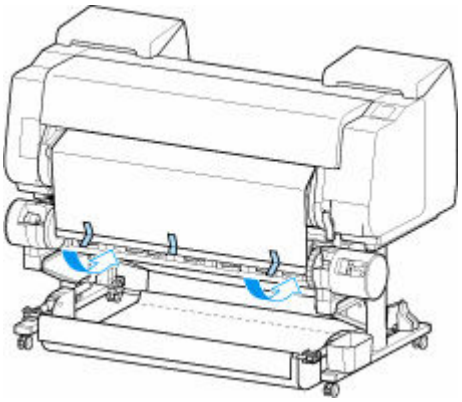


Important

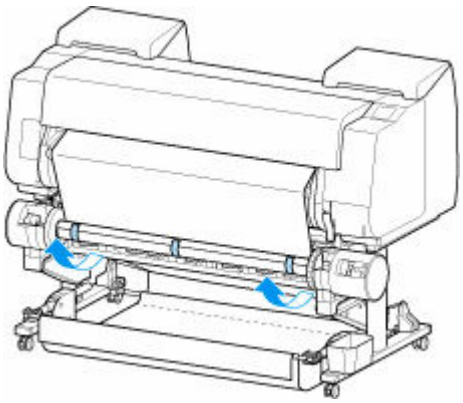
- If winding with inward winding, you must pass the leading edge of the roll paper to the back of the paper core and secure with tape. If this operation is difficult, you can also remove the roll holder, push the roll paper into the back, reinstall the roll holder, and pass the roll paper to the back of the paper core.

3. Align right edge of roll paper to right edge of paper core while pulling on roll paper evenly, and secure with tape.
4. While making sure that roll paper is flat, secure left edge of roll paper to paper core with tape.

◦ Outward Winding



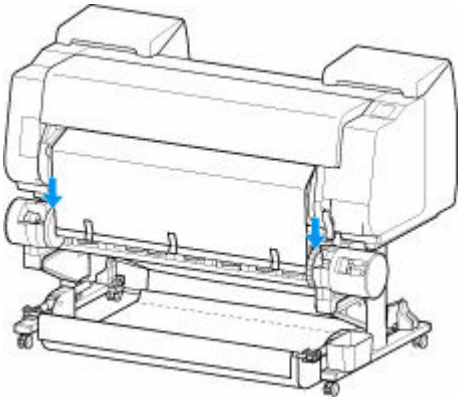
◦ Inward Winding



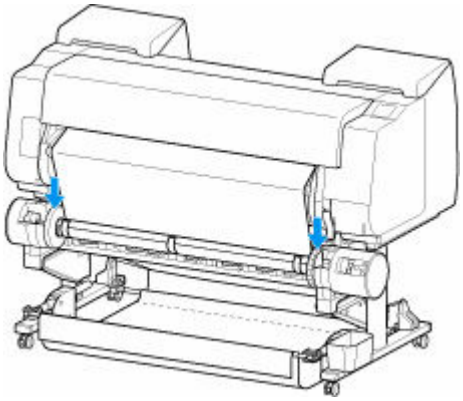
Important

- Secure the left and right edges of the roll paper with tape within 1.97 inches (50 mm) of the edges so that neither end of the roll paper lift up.
- When rewinding heavyweight paper, use strong adhesive tape to fasten it. Otherwise, a rewinding problem may result.
- If you use a paper core narrower than the paper to be wound, adjust the position of the holder stopper, so that there is a gap between the holder stopper and the paper.

5. Make sure the leading edge of the roll paper is not lifting up from the paper core, and if there are places lifting up, tape in additional places so that the paper does not lift up.
6. Push roll holder downward, check that roll holder is not lifting up, and tap **OK**.
   - Outward Winding



   - Inward Winding



Important

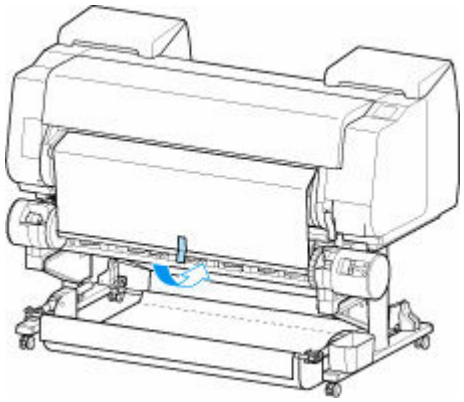
- If the roll holder lifts up, it may cause an error.

7. To stabilize operations when starting taking up, advance roll paper with operation panel and wind roll paper approximately one revolution. (See "Feeding Roll Paper Manually.")
8. Push roll holder downward again, and check that roll holder is not lifting up.

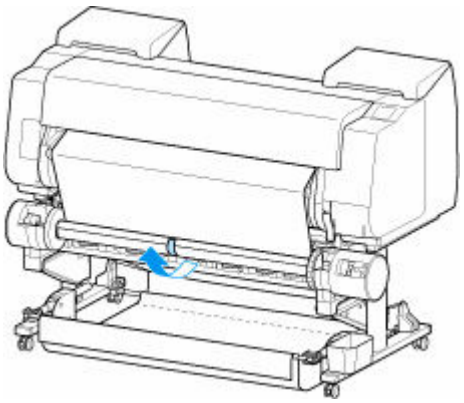
   The winding preparation is complete. When printing to the roll starts, the roll paper can be automatically wound.

- **If Ready to print appears on touch screen**

1. Manually advance roll paper (See "Feeding Roll Paper Manually.") or start printing, and wait for leading edge of roll paper to reach roll unit.
2. Hold center of leading edge of roll paper, align right edge of take-up spool paper core's right edge and tape center to paper core while pulling on roll paper evenly.
   - Outward Winding



   - Inward Winding

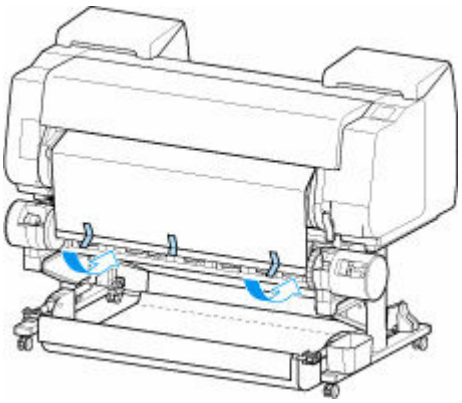


Important

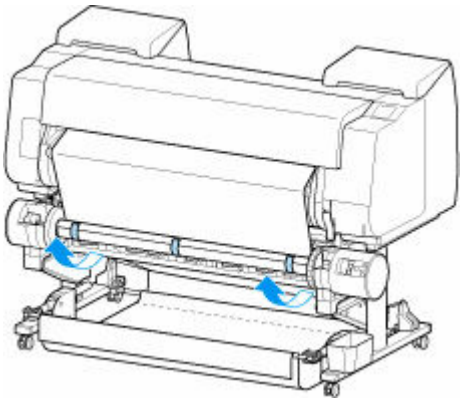
- If winding with inward winding, you must pass the leading edge of the roll paper to the back of the paper core and secure with tape. If this operation is difficult, you can also remove the roll holder, push the roll paper into the back, reinstall the roll holder, and pass the roll paper to the back of the paper core.

3. Align right edge of roll paper to right edge of paper core while pulling on roll paper evenly, and secure with tape.

4. While making sure that roll paper is flat, secure left edge of roll paper to paper core with tape.
   - Outward Winding



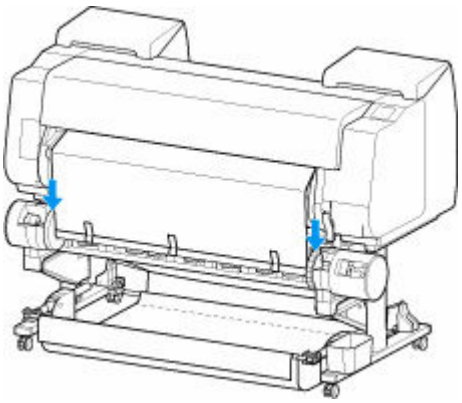
   - Inward Winding



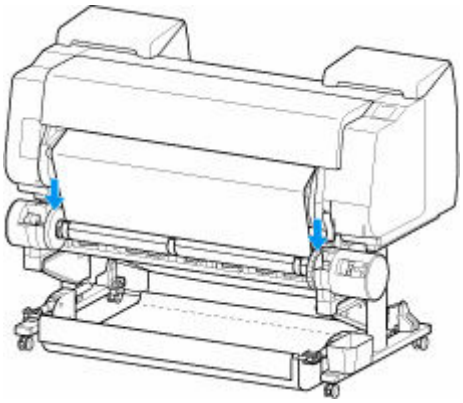
Important

- Secure the left and right edges of the roll paper with tape within 1.97 inches (50 mm) of the edges so that neither end of the roll paper lift up.
- When rewinding heavyweight paper, use strong adhesive tape to fasten it. Otherwise, a rewinding problem may result.
- If you use a paper core narrower than the paper to be wound, adjust the position of the holder stopper, so that there is a gap between the holder stopper and the paper.

5. Make sure the leading edge of the roll paper is not lifting up from the paper core, and if there are places lifting up, tape in additional places so that the paper does not lift up.
6. Push roll holder downward and check that roll holder is not lifting up.
   - Outward Winding



◦ Inward Winding



Important

- If the roll holder lifts up, it may cause an error.

7. Make sure **Inward/Outward Winding Changeover** switch on roll unit is in desired direction and press **Auto Take-up/Pause** button.

   The **Pause** lamp, which has been lighted up to this point, turns off, and the **Auto Take-up** lamp lights up instead.

   The winding preparation is complete. During printing, the winding starts. Before printing, the winding starts at the same time as the printing.

Important

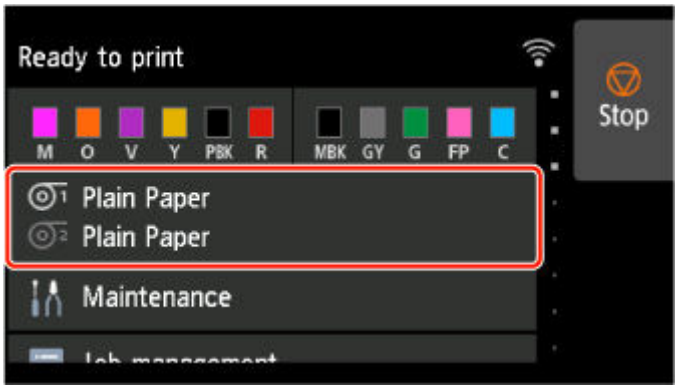
- When winding inwardly, loosening of the wound paper can be prevented by pressing the roll paper with the arm. However, doing so may produce pressure traces on the paper. In this case, tap the roll unit area of the media information display area and set **Paper retention settings** to **Release**.

Removing Printed Paper from the Roll Unit

Note

- By tapping the paper settings display area and then area when setting **Take-up mode** and setting **Wind up after cutting** to **Enable** in advance, you can omit steps 6 and 7 below, because when the paper is cut after printing, the next paper will be automatically taken up after that. However, be careful when using easily damaged roll paper because the roll paper touches the roller when paper is cut.

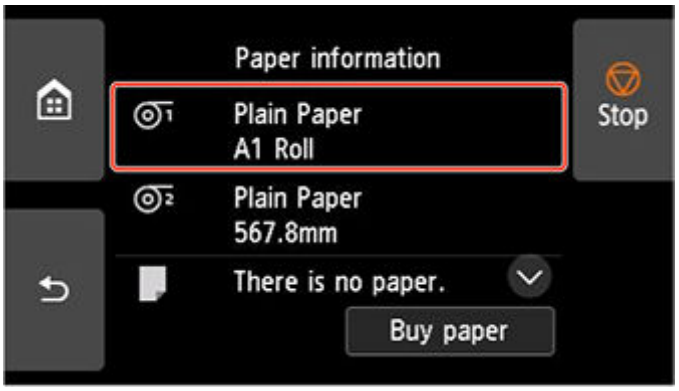
1. Tap paper settings display area on Home screen of touch screen.



Important

- If the Home screen does not appear, tap the **HOME** button.

2. Tap area.



3. Tap **Feed/cut**.

4. Tap **Advance** or **Rewind** to advance roll paper a little.

   With the winding direction set to outward winding, advance the length of one circumference of the roll or more to protect the print side.

5. Tap **Cut paper**.

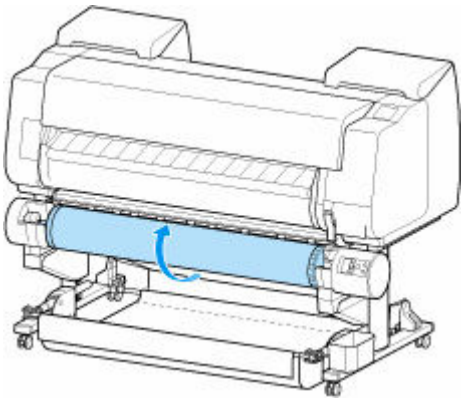
6. Hold printed paper between output guide and roll unit, then tap **Yes**.

   The roll is now cut.

   Important

   - When cutting the roll paper, always hold the printed paper. If cut without holding the printed paper, the paper may fall to the floor and become soiled.

7. While holding trailing edge of printed paper, press **Take-up** or **Rewind** button to wind printed paper.

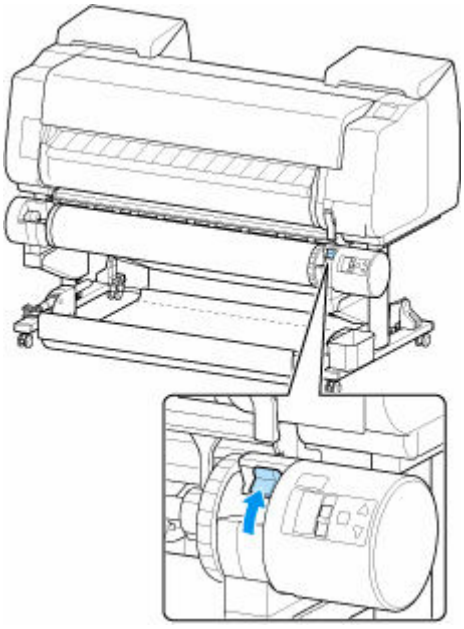


   Apply adhesive tape to the rewound paper to hold it in place, if necessary.

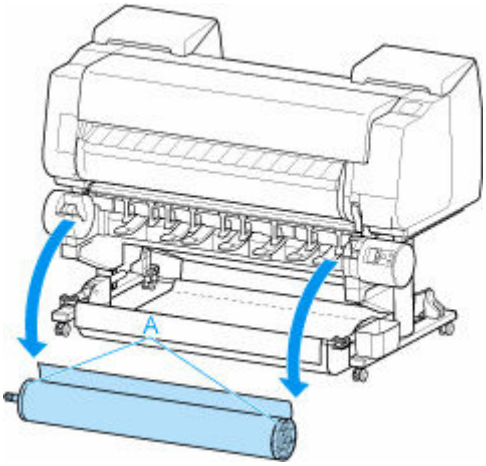
   Important

   - Be careful not to scratch the printed surface.

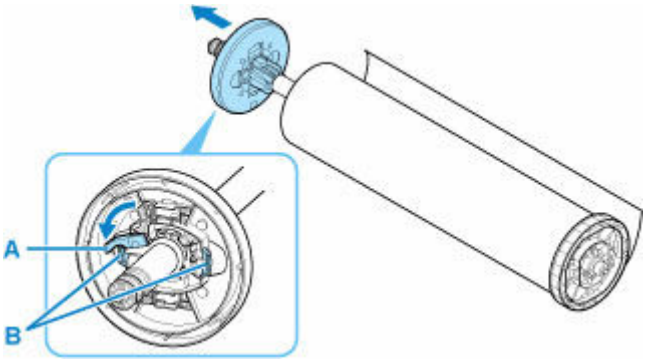
8. Change **Roll Holder Lock** switch on roll unit to release side.



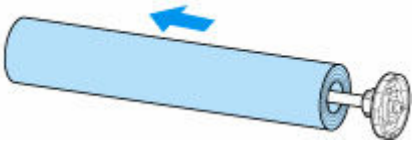
9. Hold roll holder by its flanges (A), and remove from roll unit.



10. Rotate the holder stopper lever (A) towards to release the lock, and while holding it in position (B), remove holder stopper from the roll holder.



11. Remove printed material that has been taken up, from roll holder for each paper core.



Changing Printer's Setting

- **Changing Settings from Operation Panel**
  - Home Screen Menu Composition
  - Menu Structure
  - Setting Items on Operation Panel
  - Setting Administrator Password on Operation Panel
  - Erasing Data on Printer's Hard Disk
  - Status Print
- **Changing Printer's Setting Using Web Browser**
  - Start up Remote UI
  - Changeable Setting Items Using Remote UI
  - Setting Passwords Using Remote UI
  - Registering Printer's Root Certificate to Web Browser for SSL Communication
  - Registering Printer's Root Certificate to Local Computer for SSL Communication
  - Generating Server Certificate
  - Setting Mail Server
  - Receiving Printer Status by E-mail
- **Migrating Printer's Setting**
- **Initializing Printer's Setting**

Changing Settings from Operation Panel

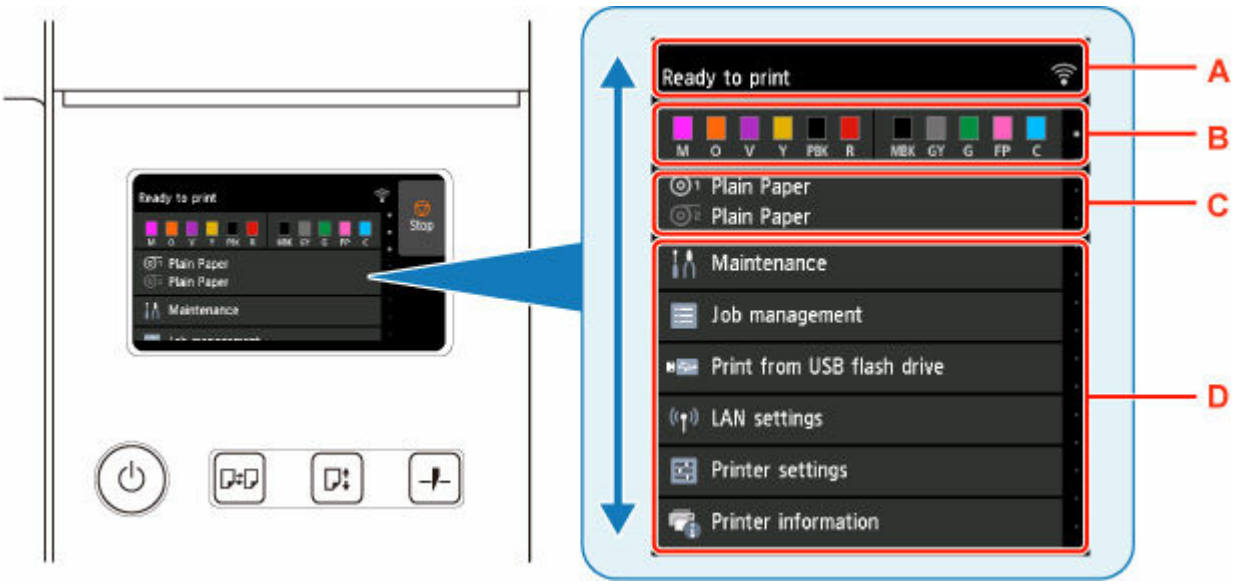
- Home Screen Menu Composition
- Menu Structure
- Setting Items on Operation Panel
- Setting Administrator Password on Operation Panel
- Erasing Data on Printer's Hard Disk
- Status Print

Home Screen Menu Composition

After the printer starts up, the HOME screen appears on the touch screen.

From the HOME screen, you can check the printer status and select the maintenance, paper operations, settings, and other menus.

- Basic Touch Screen Operations
- Icons on Touch Screen



A: Printer Information Display Area

Displays the printer status, messages, and other information. Tap this item when a message appears to view the message on the list screen and to jump to the screen with detailed information and operations.

- Notification Messages

B: Ink Display Area

Displays the ink status. Tap this item to view the remaining amount of ink and how to replace the ink tanks.

C: Paper Setting Display Area

Displays the media information for each feeding location. Tap this item to configure the size and type of the paper loaded.

D: Other Menu Items

Displays the items used to perform maintenance and configure the various settings.

- Setting Items on Operation Panel

Note

- 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.

Basic Touch Screen Operations

You can select various functions and settings by gently touching and swiping the touch screen with your fingertip.

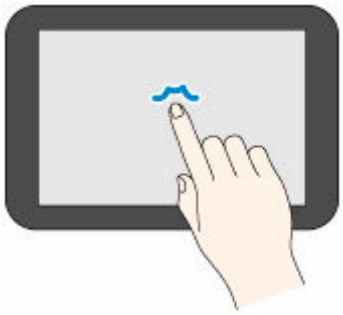
Important

- Take the following precautions when operating the touch screen. Otherwise, the touch screen may malfunction or become damaged.
  - Do not forcibly press the touch screen with your finger.
  - Do not press the touch screen with an object other than your finger (such as a ballpoint pen, pencil, fingernail, or other object with a sharp tip).
  - Do not operate the touch screen with wet or dirty hands.
  - Do not place objects on top of the touch screen.
- Do not place a protective film over the touch screen. Removing it can damage the touch screen.

Tap

Gently touch with your fingertip and then release.

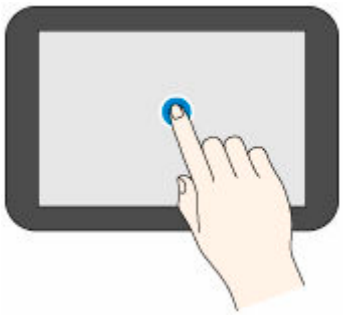
Use this when selecting an item on the screen.



Touch

Gently touch with your fingertip.

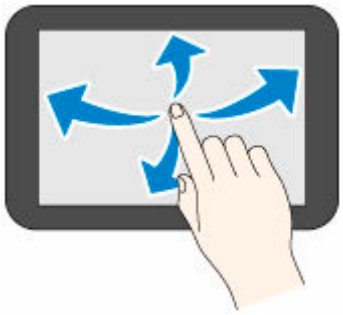
To go (or return) to a menu or list, touch the directional mark.



Flick

Drag and release your finger up, down, left, or right.

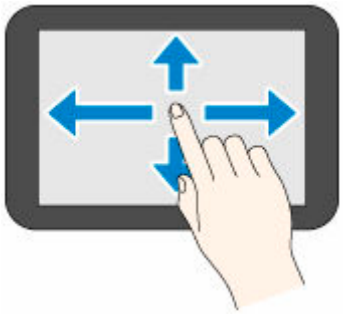
Use this to quickly scroll through a menu or list.



Drag

Move your finger up, down, left, or right while gently keeping it in contact with the touch screen.

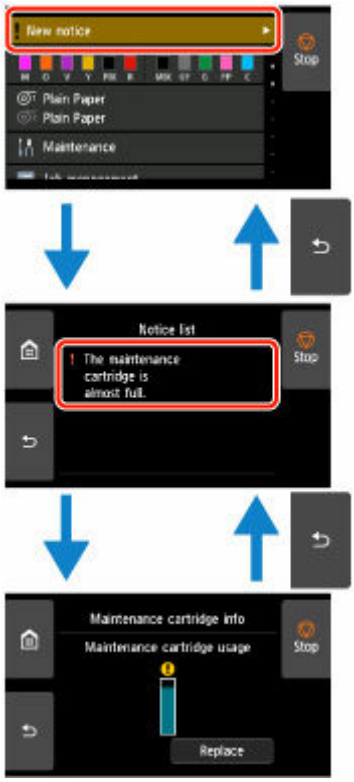
Use this to move a menu or list while viewing it.



Notification Messages

When the ink is low or there is another notification, **New notice** appears in the printer information display area. Tap this to display the **Notice list** screen to view messages with the newest one appearing first. Tap a message to display the message details screen to view the details and take action.

Example: Notices on the maintenance cartridge



Icons on Touch Screen

While operating on the touch screen, some icons are displayed on the touch screen.

(HOME)

The HOME screen appears.

(Back)

Displays the screen before the current screen.

Stop

Cancels print jobs in progress and ends the ink drying period.

Menu Structure

The * on the right side of an item indicates the default value.

Values may vary depending on your model and firmware version.

- **Ink information**

  This menu is displayed by tapping **Ink** icon.

Current estimated ink levels
Replace
Order ink now

- **Paper settings**

  This menu is displayed by tapping paper information area.

Roll paper 1		
	Replace paper	
	Feed/cut	
	Remove paper	
	Paper settings	
		Width
		Type
		Advanced
	Buy paper	

Roll paper 2		
	Replace paper	
	Feed/cut	
	Remove paper	
	Roll unit use settings	
	Paper settings	
		Width
		Type
		Advanced
	Buy paper	

Take-up mode	
	Roll unit use settings
	Auto feed to take-up position
	Skip errors during take-up

		ON / OFF
	Wind up after cutting	
		Enable / Disable
	Paper retention settings	
		Release / Retain
	Use in take-up mode	
		Use / Do not use

Manual			
	Replace paper		
	Remove paper		
	Paper settings		
		Page size	
		Type	
		Advanced	
	Buy paper		

- Maintenance

Troubleshooting

Nozzle Check

Print Head Cleaning		
	Cleaning	
		All colors / Pattern 1 / Pattern 2 / Pattern 3
	Deep Cleaning	
		All colors / Pattern 1 / Pattern 2 / Pattern 3
	System Cleaning	
		All colors / Pattern 1 / Pattern 2 / Pattern 3

Print Head Alignment	
	Auto (standard)
	Auto (advanced)
	Manual

Paper feed adjustment		
	Set priority	
		Auto / Prioritize print quality / Prioritize length accuracy
	Adjust print quality	

		Auto	
		Manual	
	Adjust feed length		
		Print alignment pattern	
		Change adjustment values	
			-0.70% / -0.68% / ... / 0.68% / 0.70%

Color calibration			
	Auto adjust		
	Enable/disable adjustment values		
		Enable* / Disable	
	Adjustment information		
	Calibration guide settings		
		Enable / Disable*	
	Reset adjustment values		

Maintenance cartridge info		
	Maintenance cartridge usage	
	Replace	

Head Replacement	
	Start head replacement.

Replace cutter blade unit

Platen cleaning

Prepare to move	
	Move indoors on the same floor
	Move indoors to a different floor
	Transport outdoors

- **Job management**

Print job	
	List of print jobs

Saved job		
	Job box list	
		Job list
		Print the job list

Job history	
	Display job history
	Print job history

Pause printing	
	Enable / **Disable***

Delete all print jobs

- **Print from USB flash drive**

Folder/file list	
	Number of copies
	Preview
	Print settings The lower items of this menu are the same as the lower items of **Print from USB flash settings**.

- **LAN settings**

Wi-Fi	
	Connection
	Network name (SSID)
	Communication mode
	Channel
	Wi-Fi security
	IPv4 address
	IPv4 subnet mask
	IPv4 default gateway
	IPv4 DNS dynamic settings
	IPv4 DNS host name
	IPv4 DNS domain name
	IPv6 link-local address
	IPv6 link-local prefix length
	IPv6 manual address
	IPv6 manual prefix length
	IPv6 stateless address 1
	IPv6 stateless prefix length 1
	IPv6 stateless address 2

	IPv6 stateless prefix length 2			
	IPv6 stateless address 3			
	IPv6 stateless prefix length 3			
	IPv6 stateless address 4			
	IPv6 stateless prefix length 4			
	DHCPv6			
	DHCPv6 stateful address			
	DHCPv6 stateful prefix length			
	IPv6 default gateway 1			
	IPv6 default gateway 2			
	IPv6 default gateway 3			
	IPv6 default gateway 4			
	IPv6 primary DNS server address			
	IPv6 secondary DNS server add.			
	IPv6 DNS dyn. update: manual			
	IPv6 DNS dyn. update: stateless			
	IPv6 DNS dyn. update: stateful			
	IPv6 Use IPv4 host/domain name			
	IPv6 DNS host name			
	IPv6 DNS domain name			
	MAC address			
	IPsec settings			
	Printer name			
	Bonjour service name			
	Settings			
		Enable/disable Wi-Fi		
			Enable / Disable	
		Wi-Fi setup		
			Easy wireless connect	
			Manual connect	
			WPS (Push button method)	
			Other connection types	
				Manual connect (adv.)
				WPS (PIN code method)
		Advanced		

Wireless Direct

	Connection		
	Network name (SSID)		
	Password		
	Communication mode		
	Channel		
	Wi-Fi security		
	IPv4 address		
	IPv4 subnet mask		
	IPv4 default gateway		
	IPv4 DNS dynamic settings		
	IPv4 DNS host name		
	IPv4 DNS domain name		
	IPv6 link-local address		
	IPv6 link-local prefix length		
	MAC address		
	IPsec settings		
	Printer name		
	Bonjour service name		
	Settings		
		Enable/disable Wireless Direct	
			Yes / No
		Update SSID/password	
			Yes / No
		Wireless Direct network (SSID)	
		Connection request confirmation	
			ON* / OFF
		Advanced	

Wired LAN		
	Connection	
	IPv4 address	
	IPv4 subnet mask	
	IPv4 default gateway	
	IPv4 DNS dynamic settings	
	IPv4 DNS host name	
	IPv4 DNS domain name	
	IPv6 link-local address	

	IPv6 link-local prefix length	
	IPv6 manual address	
	IPv6 manual prefix length	
	IPv6 stateless address 1	
	IPv6 stateless prefix length 1	
	IPv6 stateless address 2	
	IPv6 stateless prefix length 2	
	IPv6 stateless address 3	
	IPv6 stateless prefix length 3	
	IPv6 stateless address 4	
	IPv6 stateless prefix length 4	
	DHCPv6	
	DHCPv6 stateful address	
	DHCPv6 stateful prefix length	
	IPv6 default gateway 1	
	IPv6 default gateway 2	
	IPv6 default gateway 3	
	IPv6 default gateway 4	
	IPv6 primary DNS server address	
	IPv6 secondary DNS server add.	
	IPv6 DNS dyn. update: manual	
	IPv6 DNS dyn. update: stateless	
	IPv6 DNS dyn. update: stateful	
	IPv6 Use IPv4 host/domain name	
	IPv6 DNS host name	
	IPv6 DNS domain name	
	MAC address	
	IPsec settings	
	Printer name	
	Bonjour service name	
	Settings	
	Enable/disable Wired LAN	
		Enable / Disable
	Advanced	

Print details

- **Printer settings**

Test print	
	Nozzle Check
	Status print
	Status print (administrator)
	Print LAN details
	Print the print settings
	Print advanced paper settings
	Print job history
	Print menu map
	Print the color chart

Print settings				
	Print head movable width setting			
		Data width* / Maximum movable width / Paper width		
	Prioritize paper size			
		Enable / Disable*		
	Magnification level for borderless			
		Large / Medium* / Small / Minimum		
	PDF print settings			
		Print quality settings		
			Color mode	
				Color (perceptual) / Color (saturation)* / Color (correct off) / Mono-chrome / FL spot color
			Print quality	
				5 (Standard) / 4 / 3* / 2 / 1 (Highest)
			Input resolution	
				600 dpi / 300 dpi*
			Print target	
				Photo / Poster (fluorescent)*
		Paper settings		
			Paper src	
				Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual
			Margin	
				3mm* / 5mm
			Border	

	Borderless / Bordered*
Oversize	
	Enable / Disable*
Save paper	
	ON / OFF*
Rotate	
	0 degrees* / 90 degrees
Auto rotation	
	ON / OFF*
Enlarge/Reduce	
	Fit paper size* / Same size / Scaling
Print centered	
	ON / OFF*
Cut to standard size	
	ON / OFF*

Line & pen manager		
	Width correction	
		Black/gray
		Color
Processing options		
	Warning display	
		Enable / Disable*

JPEG print settings			
	Print quality settings		
		Color mode	
			Color (perceptual) / Color (saturation)* / Color (correct off) / Mono-chrome / FL spot color
		Print quality	
			5 (Standard) / 4 / 3* / 2 / 1 (Highest)
		Input resolution	
			600 dpi / 300 dpi* / Specify print job
		Print target	
			Photo / Poster (fluorescent)*
	Paper settings		
		Paper src	
			Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual

			Margin	
				3mm* / 5mm
			Border	
				Borderless / Bordered*
			Rotate	
				0 degrees* / 90 degrees
			Auto rotation	
				ON / OFF*
			Enlarge/Reduce	
				Fit paper size* / Same size / Scaling
			Print centered	
				ON / OFF*
			Cut to standard size	
				ON / OFF*
		Print from USB flash settings		
		Print quality settings		
			Color mode	
				Color (perceptual) / Color (saturation)* / Color (correct off) / Mono-chrome / FL spot color
			Print quality	
				5 (Standard) / 4 / 3* / 2 / 1 (Highest)
			Print target	
				Photo / Poster (fluorescent)*
		Paper settings		
			Paper src	
				Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual
			Margin	
				3mm* / 5mm
			Border	
				Borderless / Bordered*
			Rotate	
				0 degrees* / 90 degrees
			Auto rotation	
				ON / OFF*
			Enlarge/Reduce	
				Fit paper size* / Same size / Scaling

			Print centered		
				ON / OFF*	
			Cut to standard size		
				ON / OFF*	
AirPrint print settings					
	Print quality settings				
		Color mode			
			Color (perceptual) / Color (saturation)* / Color (correct off) / ICC profile (perceptual) / ICC profile (saturation) / ICC profile (relative) / ICC profile (absolute) / Monochrome / FL spot color		
		Print resolution			
			Standard* / Speed priority / Print priority		
		Print target			
			Photo / Poster (fluorescent)*		
	Paper settings				
		No Top/Btm Space (Save Paper)			
			ON / OFF*		
		Unidirectional printing			
			Enable / Disable*		
Direct print settings from FTP					
	Print settings 1				
		Print quality settings			
			Color mode		
				Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color	
			Print quality		
				5 (Standard) / 4 / 3* / 2 / 1 (Highest)	
			Input resolution		
				600 dpi / 300 dpi* / Specify print job	
			Print target		
				Photo / Poster (fluorescent)*	
		Paper settings			
			Paper src		
				Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual	
			Margin		
				3mm* / 5mm	

				Border		
					Borderless / Bordered*	
				Oversize		
					Enable* / Disable	
				Save paper		
					ON / OFF*	
				Rotate		
					0 degrees* / 90 degrees	
				Auto rotation		
					ON / OFF*	
				Enlarge/Reduce		
					Fit paper size* / Same size / Scaling	
				Print centered		
					ON / OFF*	
				Cut to standard size		
					ON / OFF*	
			Line & pen manager			
				Width correction		
					Black/gray	
					Color	
			Processing options			
				Warning display		
					Enable / Disable*	
		Print settings 2				
			Print quality settings			
				Color mode		
					Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color	
				Print quality		
					5 (Standard) / 4 / 3* / 2 / 1 (Highest)	
				Input resolution		
					600 dpi / 300 dpi* / Specify print job	
				Print target		
					Photo / Poster (fluorescent)*	
			Paper settings			
				Paper src		

					Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual
				Margin	
					3mm* / 5mm
				Border	
					Borderless / Bordered*
				Oversize	
					Enable* / Disable
				Save paper	
					ON / OFF*
				Rotate	
					0 degrees* / 90 degrees
				Auto rotation	
					ON / OFF*
				Enlarge/Reduce	
					Fit paper size* / Same size / Scaling
				Print centered	
					ON / OFF*
				Cut to standard size	
					ON / OFF*
			Line & pen manager		
				Width correction	
					Black/gray
					Color
			Processing options		
				Warning display	
					Enable / Disable*
		Print settings 3			
			Print quality settings		
				Color mode	
					Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
				Print quality	
					5 (Standard) / 4 / 3* / 2 / 1 (Highest)
				Input resolution	
					600 dpi / 300 dpi* / Specify print job

				Print target	
					Photo / Poster (fluorescent)*
			Paper settings		
				Paper src	
					Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual
				Margin	
					3mm* / 5mm
				Border	
					Borderless / Bordered*
				Oversize	
					Enable* / Disable
				Save paper	
					ON / OFF*
				Rotate	
					0 degrees* / 90 degrees
				Auto rotation	
					ON / OFF*
				Enlarge/Reduce	
					Fit paper size* / Same size / Scaling
				Print centered	
					ON / OFF*
				Cut to standard size	
					ON / OFF*
			Line & pen manager		
				Width correction	
					Black/gray
					Color
			Processing options		
				Warning display	
					Enable / Disable*
		Print settings 4			
			Print quality settings		
				Color mode	
					Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color

				Print quality	
					5 (Standard) / 4 / 3* / 2 / 1 (Highest)
				Input resolution	
					600 dpi / 300 dpi / Specify print job*
				Print target	
					Photo / Poster (fluorescent)*
			Paper settings		
				Paper src	
					Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual
				Margin	
					3mm* / 5mm
				Border	
					Borderless / Bordered*
				Oversize	
					Enable* / Disable
				Save paper	
					ON / OFF*
				Rotate	
					0 degrees* / 90 degrees
				Auto rotation	
					ON / OFF*
				Enlarge/Reduce	
					Fit paper size* / Same size / Scaling
				Print centered	
					ON / OFF*
				Cut to standard size	
					ON / OFF*
			Line & pen manager		
				Width correction	
					Black/gray
					Color
			Processing options		
				Warning display	
					Enable / Disable*
Default print settings					

	Print quality settings			
		Color mode		
			Color (perceptual) / Color (saturation)* / Color (correct off) / Mono-chrome / FL spot color	
		Print quality		
			5 (Standard) / 4 / 3* / 2 / 1 (Highest)	
		Print target		
			Photo / Poster (fluorescent)*	
	Print the print settings			

LAN settings
The lower items of this menu are the same as the lower items of **LAN settings**.

Web service setup		
	Web service usage registration / Web service usage cancellation	
	Issue registration code	
	DNS server setup	
		Auto setup* / Manual setup
	Proxy server setup	
		Use / Do not use*

Web service inquiry	
	Print from Canon server

Paper-related settings		
	Roll paper auto feed	
		Enable* / Disable
	Media type selection method	
		Manual / Auto detect / Auto with confirmation* / Use current media type
	Manage remaining roll amount	
		Barcodes / Auto estimate* / Disable
	Roll amount warning settings	
		11m/36ft. / 9m/30ft. / 7m/23ft. / 5m/16ft.* / 3m/10ft. / 1m/3ft.
	Switch roll paper when low	
		Enable / Disable*
	Roll paper auto switching	
		Identify size* / Do not identify size
	Detect paper setting mismatch	
		Pause / Display warning* / Do not detect / Hold job

Paper retention settings			
	Release / While feeding*		
Paper size recognition settings			
	Cut sheet setting 1		
		A3+* / 13"x19" (Super B)	
	Cut sheet setting 2		
		ISO B1* / 28"x40" (ANSI F)	
	Roll paper setting 1		
		10 in Roll* / B4 Roll	
	Roll paper setting 2		
		A3 Roll* / 300mm Roll	
	Roll paper setting 3		
		300mm Roll / 12 in Roll*	
	Roll paper setting 4		
		500mm Roll* / 20 in Roll	
	Roll paper setting 5		
		20 in Roll / B2 Roll*	
	Roll paper setting 6		
		A1 Roll* / 600mm Roll	
	Roll paper setting 7		
		600mm Roll / 24 in Roll*	
Adjust roll unit			
Keep margin at cut sheet end			
	Enable / Disable*		
Advanced paper settings			
Print advanced paper settings			
Add priority roll paper width			
	Setting 1		
	Setting 2		
	Setting 3		
Reset all detection priority data			
Reset paper settings for all paper			

Auto maintenance settings		
	Auto nozzle check	
		Standard* / 1 page / 10 pages / Disable
	Nozzle check error display	

		Enable / Disable*
	System Cleaning frequency	
		Standard* / Short
	Print pattern after new head	
		ON* / OFF

Hard disk settings		
	Output method	
		Print* / Print (auto delete) / Save to job box
	Save first and print	
		ON / OFF*
	Common job box settings	
		Print* / Print (auto delete)
	File deletion settings	
		Fast* / Fast secure / Secure / Secure (VSITR)
	Data deletion	
		Fast
		Fast secure
		Secure
		Secure (VSITR)

Monitoring service settings		
	Enable/disable monitoring service	
		Enable / Disable*
	Communication test	
	Communication log	
	Timing for ink level notification	
		Standard* / Earlier notification
	Warning notification settings	
		Enable* / Disable

Other printer settings			
	Energy saving settings		
		Auto power off	
			5 minutes / 10 min. / 30 min. / 1 hour / 4 hours / 8 hours / 12 hours / OFF
		Sleep timer	
			5 minutes* / 10 min. / 15 min. / 20 min. / 30 min. / 40 min. / 50 min. / 60 min.
	Use USB connection		

		Use* / Do not use
Date/time settings		
Date display format		
		YYYY/MM/DD / MM/DD/YYYY / DD/MM/YYYY
Time zone (GMT)		
		0 / +1 / … / +12 / -12 / … / -1
Length unit settings		
		Meters* / Feet/inches
Buzzer settings		
		Enable* / Disable
EOP timer settings		
		1 minute / 2 minutes / 5 minutes / 10 minutes* / 30 minutes / 60 minutes
Job history sending settings		
		Send / Do not send*
Menu row height		
		Wide* / Standard

Language selection

Firmware update		
	Install update	
	Check current version	
	Update notification settings	
		Yes* / No
	DNS server setup	
		Auto setup* / Manual setup
	Proxy server setup	
		Use / Do not use*

Security settings			
	Administrator password settings		
		Remote UI and other tools / LCD, Remote UI, and other tools	
	Operation restrictions		
		Job history	
			Restrict / Do not restrict*
		Remote UI	
			Restrict / Do not restrict*
		Print from USB flash drive	

			Restrict / Do not restrict*	
	IEEE802.1X settings			
		Authentication		
			Do not use* / TLS / TTLS / PEAP	
		EAP-TTLS internal auth. method		
			MSCHAPv2* / PAP	
		Weak encryption restriction		
			Restrict* / Do not restrict	
		Weak certificate restriction		
			Restrict* / Do not restrict	
		Advanced setup		
			User-ID	
			Username	
			Password	
			Authentication server name	
			Verify auth. server name	
				Enable* / Disable
			Verify auth. server certificates	
				Enable* / Disable
		Last authentication result		

Import/export settings	
	Import
	Export

Initialize printer settings

- **Printer information**

System information

Hard disk information

Error history	
	Hardware error
	Recoverable error
	Paper feed/transfer error

Usage	
	Total print area

	Ink consumed
	Duty counter

Head information

Head alignment performance log

Values applied with auto settings	
	Paper thickness (head height)
	Transport unit vacuum strength

Advanced (Paper settings)

Tap the paper information area and tap **Paper settings** to display this menu.

Advanced			
	Roll length (change default)		
	Head height		
		Auto / High / Medium-high / Standard / Medium-low / Low / Super low	
	Skew detection accuracy		
		Standard / Loose / OFF	
	Cutting mode		
		Automatic cut / Eject cut / User cut	
	Cut speed		
		Fast / Standard / Slow	
	Trim edge first		
		Auto / Off / On(Preset Length) / On(Input Length) / Manual	
	Cut-dust reduction		
		ON / OFF	
	Transport unit vacuum strength		
		Auto / Strong / Medium-strong / Standard / Medium-weak / Weak	
	Guide arm retention pressure		
		High / Low	
	Roll paper tension (printing)		
		High / Standard / Low	
	Roll paper tension (feeding)		
		High / Standard / Low	
	Roll paper tension (winding up)		
		High / Standard / Low	
	Pause between scans		
		Ink drying wait time	
			OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds
		Ink drying target area	
			Overall / Leading edge
	Pause between pages		
		OFF / 30 seconds / 1 minute / 3 minutes / 5 minutes / 10 minutes / 30 minutes / 60 minutes	
	Pause on last page take-up		

	OFF / 5 minutes / 10 minutes / 30 minutes / 60 minutes / 120 minutes / 240 minutes / 480 minutes / 960 minutes			
Pause timing priority				
	Between pages / On last page			
Leading edge margin (roll)				
	3mm / 20mm			
Leading edge margin (sheet)				
	3mm / 20mm			
Extension for borderless printing				
	Paper with recommended width			
		Large / Standard / Small		
	Paper of sufficient width			
		Select extension amount		
			1 (min) / 2 / 3 / 4 / 5 / 6 / 7 / 8 (max)	
		Sample of extension amounts		
Detect paper width				
	Enable / Disable			
Paper core outer diameter				
Paper thickness				
Auto-rewind roll paper at sleep				
	Enable / Disable			
Reset detection priority data				
Reset paper settings by paper				

Advanced (LAN settings)

Flick HOME screen and tap **LAN settings**, **Wi-Fi** / **Wireless Direct** / **Wired LAN** > **Settings** > **Advanced**.

The * on the right side of an item indicates the default value.

- **Advanced**
  - **Set printer name**
  - **TCP/IP settings**
    - **IPv4**
      - **IP address**
        - **Auto setup* / Manual setup**
      - **DNS server**
        - **DNS server setup**
          - **Auto setup* / Manual setup**
        - **Dynamic update settings**
          - **Enable / Disable***
        - **Host name**
        - **Domain name**
      - **Proxy server**
        - **Use / Do not use***
      - **DHCP option settings**
        - **Acquire host name**
          - **Enable / Disable***
        - **DNS dynamic update**
          - **Enable / Disable***
        - **Acquire domain name**
          - **Enable / Disable***
    - **IPv6**
      - **Enable/disable IPv6**
        - **Enable* / Disable**
      - **IPsec settings**
        - **Enable / Disable***
      - **Use DHCPv6**
        - **Use* / Do not use**
      - **Manual address**

			Use / Do not use*			
		DNS server				
			DNS server setup			
				Auto setup* / Manual setup		
			Dynamic update settings			
				IPv6 DNS dyn. update: manual		
					Enable / Disable*	
				IPv6 DNS dyn. update: stateless		
					Enable / Disable*	
				IPv6 DNS dyn. update: stateful		
					Enable / Disable*	
			IPv6 Use IPv4 host/domain name			
				Enable / Disable*		
			IPv6 DNS host name			
			IPv6 DNS domain name			
		DHCP option settings				
			Acquire host name			
				Enable / Disable*		
			DNS dynamic update			
				Enable / Disable*		
			Acquire domain name			
				Enable / Disable*		
WSD settings						
	Enable/disable WSD					
		Enable / Disable*				
	Optimize inbound WSD					
		Enable* / Disable				
	Timeout settings					
		20 minutes / 15 minutes* / 10 minutes / 5 minutes / 1 minute				
Bonjour settings						
	Enable/disable Bonjour					
		Enable* / Disable				
	Service name					
SNTP settings						
	Client operation status					
		Enable / Disable*				

			NTP server address
			Polling interval
	Spanning tree settings		
			Enable / **Disable***
	LPR protocol settings		
			Enable* / **Disable**
	RAW protocol		
			ON* / **OFF**
	LLMNR		
			ON* / **OFF**
	Gigabit Ethernet settings		
			Autonegotiation* / **10 Mbps half duplex** / **10 Mbps full duplex** / **100 Mbps half duplex** / **100 Mbps full duplex** / **1 Gbps full duplex**
	Use Dedicated Port		
			ON* / **OFF**
	IPP settings		
		Enable/disable IPP	
			Enable* / **Disable**
		Security Print	
			Enable* / **Disable**
	Wi-Fi DRX settings		
			Enable* / **Disable**
	Wired LAN DRX settings		
			Enable* / **Disable**
	Reset SSL certificates		
	Reset LAN settings		

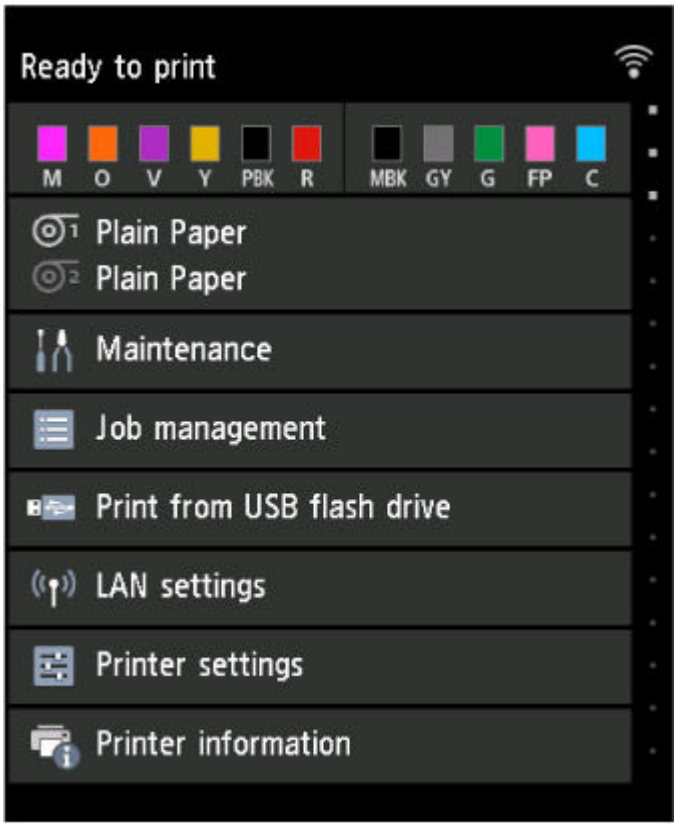
Setting Items on Operation Panel

Note

- The administrator password is required to change some setting items if it is enabled for changing settings using the operation panel.

  For more on setting items which the administrator password is required:

  ➡ Setting Administrator Password on Operation Panel



Maintenance

Job management

Print from USB flash drive

➡ Printing Data Saved on USB Flash Drive

LAN settings

Printer settings

- Test print
- Print settings
- LAN settings
- Web service setup
- Paper-related settings
- Auto maintenance settings
- Hard disk settings
- Monitoring service settings
- Other printer settings
- Language selection
- Firmware update
- Security settings
- **Import/export settings**
  - ➡ Migrating Printer's Setting
- **Initialize printer settings**
  - ➡ Initializing Printer's Setting

Printer information

Maintenance

Select this setting item from Home screen.

- **Nozzle Check**

  Prints out the nozzle check pattern.

  ➡ Checking for Nozzle Clogging

- **Print Head Cleaning**

  Select this to clean the print head.

  ➡ Cleaning the Print Head

- **Print Head Alignment**

  Adjusts the alignment of print head.

  ➡ Automatic Adjustment to Straighten Lines and Colors
  ➡ Manual Adjustment to Straighten Lines and Colors

- **Paper feed adjustment**

  Adjusts the paper feed amount.

  ➡ Adjusting Feed Amount

- **Color calibration**

  Select this to perform the color calibration or check the adjustment information.

  ➡ Performing Color Calibration

- **Maintenance cartridge info**

  Displays the estimated usage of maintenance cartridge. Select **Replace** to replace the maintenance cartridge.

  ➡ Replacing the Maintenance Cartridge

- **Head Replacement**

  Select this to replace the print head.

  ➡ Replacing the Print Head

- **Replace cutter blade unit**

  Select this to replace the cutter blade.

  ➡ Replacing the Cutter Blade

- **Platen cleaning**

  Select this to clean inside the top cover.

  ➡ Cleaning Inside the Top Cover

- **Prepare to move**

  Select this to prepare for transporting the printer.

➡ Preparing to Transfer the Printer

Job management

Select this setting item from HOME screen.

- **Print job**

  Displays the print job list. Tapping a job displays the details. You can also delete or preempt jobs on this menu.

- **Saved job**

  Displays the saved print job list. You can print / delete saved jobs and print job list on each job box.

  Note

  - Enter the password if it is enabled for a personal job box using Remote UI.

- **Job history**

  Important

  - The administrator password is required to display the job history if it is enabled for changing settings using the operation panel.

  ◦ **Display job history**

  Displays the print job history. Tapping a print job displays the details.

  ◦ **Print job history**

  Prints out the print job history.

- **Pause printing**

  Selecting **Enable** while a print job is in progress pauses the print job after the current job is completed.

- **Delete all print jobs**

  Deletes all jobs in the job queue.

LAN settings

Select this setting item from HOME screen.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Wi-Fi**

  The following setting information on the Wi-Fi connection is displayed. (Some items are not displayed depending on printer settings.)

Items	Setting
Connection	**Enabled (connected)** / **Enabled (disconnected)** / **Disable**
Network name (SSID)	XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX (up to 32 characters)
Communication mode	**Infrastructure**
Channel	XX (up to 2 digits)
Wi-Fi security	**Disable** / **WEP (64 bit)** / **WEP (128 bit)** / **WPA-PSK (TKIP)** / **WPA-PSK (AES)** / **WPA2-PSK (TKIP)** / **WPA2-PSK (AES)**
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv4 DNS dynamic settings	**Enable** / **Disable**
IPv4 DNS host name	XXXXXXXXXXX
IPv4 DNS domain name	XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXX (up to 64 characters)
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 link-local prefix length	XXX (up to 3 digits)
IPv6 manual address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 manual prefix length	XXX (up to 3 digits)
IPv6 stateless address 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 1	XXX (up to 3 digits)
IPv6 stateless address 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)

IPv6 stateless prefix length 2	XXX (up to 3 digits)
IPv6 stateless address 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 3	XXX (up to 3 digits)
IPv6 stateless address 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 4	XXX (up to 3 digits)
DHCPv6	**Enable** / **Disable**
DHCPv6 stateful address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
DHCPv6 stateful prefix length	XXX (up to 3 digits)
IPv6 default gateway 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 primary DNS server address	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX (up to 39 characters)
IPv6 secondary DNS server add.	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX (up to 39 characters)
IPv6 DNS dyn. update: manual	**Enable** / **Disable**
IPv6 DNS dyn. update: stateless	**Enable** / **Disable**
IPv6 DNS dyn. update: stateful	**Enable** / **Disable**
IPv6 Use IPv4 host/domain name	**Enable** / **Disable**
IPv6 DNS host name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXX (up to 63 characters)
IPv6 DNS domain name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXX (up to 64 characters)
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	**Enable** (**ESP**) / **Enable** (**ESP & AH**) / **Enable** (**AH**) / **Disable**

Printer name	XXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

To change the setting, tap **Settings**.

- **Enable/disable Wi-Fi**

  Select **Enable** to wirelessly connect via wireless router.

- **Wi-Fi setup**

  Select how to setup Wi-Fi.

  - **Easy wireless connect**

    Select if you specify the settings of the access point information to the printer directly from a device (e.g. smartphone, or tablet) without operating the wireless router. Follow the on-screen instructions of the connecting device for the setup procedure.

  - **Manual connect**

    Select when you perform settings for Wi-Fi manually using the operation panel of the printer.

  - **WPS (Push button method)**

    Select when you perform settings for Wi-Fi using a wireless router supporting a Wi-Fi Protected Setup (WPS) push button method. Follow the on-screen instructions during setup.

  - **Other connection types**

    - **Manual connect (adv.)**

      Select when you perform settings for Wi-Fi manually. You can specify multiple WEP keys.

    - **WPS (PIN code method)**

      Select when you perform settings for Wi-Fi using a wireless router supporting a Wi-Fi Protected Setup (WPS) PIN code method. Follow the on-screen instructions during setup.

Note

- By tapping **Advanced**, you can set LAN in detail.

  For the items that can be set, see the following.

  ➡ Advanced

- **Wireless Direct**

The following setting information on the Wireless Direct connection is displayed. (Some items are not displayed depending on printer settings.)

Items	Setting
Connection	**Enable** / **Disable**
Network name (SSID)	DIRECT-XXXX-GP-NNNN*1
Password	XXXXXXXXXX (10 characters)

Communication mode	**Wireless Direct**
Channel	3
Wi-Fi security	**WPA2-PSK (AES)**
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv4 DNS dynamic settings	**Enable** / **Disable**
IPv4 DNS host name	XXXXXXXXXXXX
IPv4 DNS domain name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXX (up to 64 characters)
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 link-local prefix length	XXX (up to 3 digits)
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	**Disable**
Printer name	XXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX (up to 52 characters)

*1 means printer's model name

("XX" represents alphanumeric characters.)

To change the setting, tap **Settings**.

- **Enable/disable Wireless Direct**

  Select **Yes** to wirelessly connect without wireless router.

- **Update SSID/password**

  Updates the identifier (SSID) and password.

- **Wireless Direct network (SSID)**

  Changes the name (device name) of the printer displayed on Wi-Fi Direct compatible device.

- **Connection request confirmation**

  Changes the display / non-display of the confirmation screen when Wi-Fi Direct compatible devices are connected to the printer.

Note

- By tapping **Advanced**, you can set LAN in detail.

  For the items that can be set, see the following.

➡ Advanced

- **Wired LAN**

  The following setting information on the Wired LAN connection is displayed. (Some items are not displayed depending on printer settings.)

Items	Setting
Connection	**Enabled (connected)** / **Enabled (disconnected)** / **Disable**
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv4 DNS dynamic settings	**Enable** / **Disable**
IPv4 DNS host name	XXXXXXXXXXXX
IPv4 DNS domain name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXX (up to 64 characters)
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 link-local prefix length	XXX (up to 3 digits)
IPv6 manual address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 manual prefix length	XXX (up to 3 digits)
IPv6 stateless address 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 1	XXX (up to 3 digits)
IPv6 stateless address 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 2	XXX (up to 3 digits)
IPv6 stateless address 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 3	XXX (up to 3 digits)
IPv6 stateless address 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 4	XXX (up to 3 digits)
DHCPv6	**Enable** / **Disable**
DHCPv6 stateful address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
DHCPv6 stateful prefix length	XXX (up to 3 digits)

IPv6 default gateway 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 primary DNS server address	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX (up to 39 characters)
IPv6 secondary DNS server add.	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX (up to 39 characters)
IPv6 DNS dyn. update: manual	**Enable** / **Disable**
IPv6 DNS dyn. update: stateless	**Enable** / **Disable**
IPv6 DNS dyn. update: stateful	**Enable** / **Disable**
IPv6 Use IPv4 host/domain name	**Enable** / **Disable**
IPv6 DNS host name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXX (up to 63 characters)
IPv6 DNS domain name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXX (up to 64 characters)
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	**Enable** (**ESP**) / **Enable** (**ESP & AH**) / **Enable** (**AH**) / **Disable**
Printer name	XXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

To change the setting, tap **Settings**.

- **Enable/disable Wired LAN**

  Select **Enable** when connecting to wired LAN.

Note

- By tapping **Advanced**, you can set LAN in detail.

For the items that can be set, see the following.

➡ Advanced

- **Print details**

  Prints out the LAN setting information of the printer with Wi-Fi connection, wired LAN connection, wireless direct connection.

  For the items that can be checked, see the following.

  ➡ Printing Network Settings

  Important

  - Important information on your computer is stated on the paper on which the LAN setting information is printed. Please handle with care enough.

  Note

  - You can also print out the LAN setting information by tapping in the following order.

    Printer settings > **Test print** > **Print LAN details**

- **Advanced**

  By tapping **Advanced** on each setting screen of Wi-Fi connection, wired LAN connection, wireless direct connection, LAN information can be set in detail.

  Important

  - If the LAN is disabled, the following items can not be selected.

    - **Set printer name**

      Specifies the printer name. You can use 2 to 15 characters for the name.

      Note

      - You cannot use the same printer name as that already used for other LAN connected devices.
      - You cannot use a hyphen for the initial or last character of the printer name.

    - **TCP/IP settings**

      Performs IPv4 or IPv6 setting.

    - **WSD settings**

      Setting items when you use WSD (one of the network protocols supported in Windows 10, Windows 8.1, and Windows 7).

      - **Enable/disable WSD**

        Selects whether WSD is enabled or disabled.

        Note

        - When this setting is enabled, the printer icon is displayed on the Network Explorer in Windows 10, Windows 8.1, and Windows 7.

      - **Optimize inbound WSD**

Selecting **Enable** allows you to receive the WSD printing data faster.

- **Timeout settings**

  Specifies the timeout length.

◦ **Bonjour settings**

Setting items when you use Bonjour.

- **Enable/disable Bonjour**

  Selecting **Enable** allows you to use Bonjour to perform the network settings.

- **Service name**

  Specifies the Bonjour service name. You can use up to 48 characters for the name.

  Note

  - You cannot use the same service name as that already used for other LAN connected devices.

◦ **SNTP settings**

Performs various settings for SNTP (Simple Network Time Protocol).

◦ **Spanning tree settings**

Enables/Disables spanning tree. Selecting **Enable** avoids circulating data on a network.

◦ **LPR protocol settings**

Enables/Disables the LPR setting.

◦ **RAW protocol**

Enables/Disables RAW printing.

◦ **LLMNR**

Specifies ON/OFF of LLMNR (Link-Local Multicast Name Resolution). Selecting **ON** allows the printer to detect printer's IP address from the printer name without a DNS server.

◦ **Gigabit Ethernet settings**

Specifies the communication speed and communication method when using Gigabit Ethernet.

◦ **Use Dedicated Port**

Selects whether to use a dedicated port for a command sent from a Canon application to the printer.

Selecting **ON** allows you to use the dedicated port.

◦ **IPP settings**

Selecting **Enable** allows you to print via the network with the IPP protocol.

If you use the security print function when printing using IPP protocol in AirPrint etc., select **Enable** for **Security Print**.

◦ **Wi-Fi DRX settings**

Selecting **Enable** allows you to activate discontinuous reception when using Wi-Fi.

◦ **Wired LAN DRX settings**

Selecting **Enable** allows you to activate discontinuous reception when the printer is connected to a device compatible with wired LAN.

- **Reset SSL certificates**

  Initializes SSL certificate information.

- **Reset LAN settings**

  Initializes the network settings on the printer.

  After resetting, perform setup again as necessary.

Test print

Select this setting item from **Printer settings**.

- **Nozzle Check**

  Prints out the nozzle check pattern.

  ➡ Checking for Nozzle Clogging

- **Status print**

  Prints out the printer status and setting value information.

  Note

  - **Status print (administrator)** is also displayed if the administrator password is enabled for changing settings using the operation panel.

  ➡ Status Print

- **Print LAN details**

  Prints out the network setting information.

  ➡ Printing Network Settings

- **Print the print settings**

  Prints out the print settings list.

- **Print advanced paper settings**

  Prints out the setting values specified by **Advanced paper settings**.

- **Print job history**

  Prints out a record of print jobs, including the paper type and size, amount of ink consumed, and so on. Ink consumption indicates a rough estimate of the amount of ink consumed per print job.

  ➡ Job management

- **Print menu map**

  Prints out the menu list.

- **Print the color chart**

  Prints out the color chart.

Print settings

Select this setting item from **Printer settings**.

- **Print head movable width setting**

  Adjusts the print head movable width.

- **Prioritize paper size**

  This is a setting item for roll paper.

  Select **Enable** to use the paper size setting as the basis for printing instead of other settings. The text or images in the margin are not printed.

  Select **Disable** to give priority to printing text or images.

  Note

  - The printed paper length is longer than the actual paper length. This is because the printed paper includes the upper/lower margins specified by **Roll Paper Safety Margin** and **Near End Margin** in the printer driver and excludes the paper margins.

- **Magnification level for borderless**

  Sets magnification level when performing borderless printing in the following print method.

  Normally, the image is enlarged slightly and printed so that there is no border. If the border remains, change this setting.

  - Printing JPEG file
  - Printing using AirPrint
  - Printing PDF file
  - Printing data saved on the USB flash drive directly
  - Printing directly from FTP

- **PDF print settings**

  Performs PDF print settings.

- **JPEG print settings**

  Performs JPEG print settings.

- **Print from USB flash settings**

  Performs settings for printing data saved on the USB flash drive.

- **AirPrint print settings**

  Performs **AirPrint print settings** when printing with AirPrint.

- **Direct print settings from FTP**

  Performs print settings when printing directly from FTP. You can perform four settings individually.

- **Default print settings**

  Prints out the default values of print settings.

- **Print the print settings**

  Prints out the print settings list.

Web service setup

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Web service usage registration/Web service usage cancellation**

  Registers/Deletes Web service usage to use the printer device information to/from PIXMA/MAXIFY Cloud Link.

- **Issue registration code**

  In order to link the web service and printer, obtain the registration code from the service origin.

- **DNS server setup**

  Performs settings for a DNS server. Select **Auto setup** or **Manual setup**. If you select **Manual setup**, follow the display on the touch screen to perform settings.

- **Proxy server setup**

  Performs settings for a proxy server. Follow the display on the touch screen to perform settings.

Paper-related settings

Select this setting item from **Printer settings**.

- **Roll paper auto feed**

  Enables/disables feeding roll paper automatically when you load it on the roll unit.

  Selecting **Enable** detects the paper edge automatically and paper is loaded automatically only by putting roll paper on the roll unit.

  Select **Disable** if you load roll paper manually, or if you have any problem in feeding roll paper automatically.

  Note

  - Roll paper with a width of less than 250 mm cannot be fed automatically.

    Select **Disable** and feed paper manually.

- **Media type selection method**

  Specifies a method to select the media type when paper is loaded.

  - **Manual**

    You need to select a media type from the registered media types manually.

  - **Auto detect**

    The media type estimated by the printer's sensor is set automatically.

    As the estimation accuracy increases, it will be not necessary to select the media type each time.

  - **Auto with confirmation**

    Among the media types estimated by the printer's sensor, the most likely ones are listed at the top.

    You need to select a media type from the listed media types manually.

  - **Use current media type**

    Select this to continue using the same type of paper.

  Note

  - When using the paper estimation function, the paper width detection function is enabled even if you set **Detect paper width** to **Disable**.
  - If the loaded paper is used by your printer for the first time, or if there is no applicable media type, **No selection log entry** will be displayed.

    If **No selection log entry** is displayed, select a media type manually.

    At this time, the printer learns the data of the selected media type.

    The next time the same paper is loaded, the media type is estimated from this data.
  - When using a paper that is not listed in the paper information list, perform **Create Custom Paper** in Media Configuration Tool. After create the paper information, we recommend to perform **Paper feed adjustment**.

- If the created custom paper does not appear as a candidate in the paper information list even if it is fed many times, perform **Paper feed adjustment** again.
- Errors may occur in the estimation results.

- **Manage remaining roll amount**

  Selects the method to manage remaining roll amount and that to display warning when the roll is running short.

  - **Barcodes**

    Manages remaining roll amount by using a barcode.

    By using the barcode every time you replace a roll, you can manage remaining roll amount properly. Specify the roll length properly when you load a new roll.

  - **Auto estimate**

    Estimates and manages the remaining amount of roll paper.

    The estimated remaining roll amount is displayed on the HOME screen.

    The barcode is not printed when **Auto estimate** is selected.

    To estimate the remaining roll amount, **Paper thickness** and **Paper core outer diameter** have to be set correctly.

    When using a paper that is not listed in the paper information list, set Thickness and Paper Tube Size in **Advanced paper settings** or in Media Configuration Tool.

    For paper thickness and paper tube outer diameter size, contact the paper manufacturer.

    Important

    - If you do not select the media type correctly, the remaining roll amount may not be estimated correctly.
    - There is an error in the estimated remaining roll amount, and paper may run out during printing.

  - **Disable**

    Select to disable managing remaining roll amount.

- **Roll amount warning settings**

  Specifies when to warn the remaining roll paper amount.

  Note

  - This setting is enabled when **Barcodes** or **Auto estimate** is selected for **Manage remaining roll amount**.

- **Switch roll paper when low**

  Switches the roll paper for printing automatically when the roll is running out while printing is in progress.

  - **Enable**

    This setting is valid only when **Barcodes** is selected for **Manage remaining roll amount**.

    The roll paper for printing is switched with several rolls remaining.

- **Disable**

  Switches the roll paper for printing by estimating the remaining amount based on the roll amount value you entered.

  In addition, if the roll length is not specified properly, paper may remain when switching, or it may have run out while printing is in progress.

- **Roll paper auto switching**

  Enables/Disables switching roll paper feed position by detecting the paper size.

- **Detect paper setting mismatch**

  Selects printer action when you start printing with the paper size, the media type, and print settings different from those registered.

- **Paper retention settings**

  Selects whether to contact the roll nip with the rolls in feeding paper.

  - If you select **While feeding**, the roll nip contacts with the rolls and automatic feeding is enabled.
  - If you select **Release**, the roll nip does not contact with the rolls.

    If you select **Release**, automatic feed and automatic switching of top and bottom roll paper can not be performed. Feed paper manually.

- **Paper size recognition settings**

  Selects which size is preferred when paper size detection is enabled.

  - **Cut sheet setting 1**

    Select whether ISO A3+ or 13"x19"(Super B) is applied when a sheet of an intermediate size is detected.

  - **Cut sheet setting 2***1

    Select whether ISO B1 or 28"x40" (ANSI F) is applied when a sheet of an intermediate size is detected.

    *1: Not displayed on GP-2000 and GP-520.

  - **Roll paper setting 1**

    Select whether 10 in. or B4 is applied when a roll of an intermediate size is detected.

  - **Roll paper setting 2**

    Select whether A3 or 300 mm is applied when a roll of an intermediate size is detected.

  - **Roll paper setting 3**

    Select whether 300 mm or 12 in. is applied when a roll of an intermediate size is detected.

  - **Roll paper setting 4**

    Select whether 500 mm or 20 in. is applied when a roll of an intermediate size is detected.

  - **Roll paper setting 5**

    Select whether 20 in. or B2 is applied when a roll of an intermediate size is detected.

  - **Roll paper setting 6**

Select whether A1 or 600 mm is applied when a roll of an intermediate size is detected.

- **Roll paper setting 7**

  Select whether 600 mm or 24 in. is applied when a roll of an intermediate size is detected.

- **Adjust roll unit**

  Select this setting item when you replace the roll unit.

- **Keep margin at cut sheet end**

  When printing on the sheet using AirPrint, selecting **Enable** sets the trailing edge of the paper to 20 mm. Select **Enable** if printing on the trailing edge of the paper is disturbed.

- **Advanced paper settings**

  Performs advanced paper settings for each media types.

- **Print advanced paper settings**

  Tapping **Yes** prints out each setting specified in **Advanced paper settings**.

- **Add priority roll paper width**

  When paper size is detected, set the width of the roll paper to be recognized first. Judge in order from 1 in the list.

- **Reset all detection priority data**

  Resets estimated data for all learned paper when **Auto detect** or **Auto with confirmation** is selected in **Media type selection method**.

- **Reset paper settings for all paper**

  Tapping **Yes** initializes each setting specified in **Advanced paper settings**.

  Entering the administrator password is required if it is enabled.

Important

The following information is deleted when paper information is reset to the factory defaults.

- Estimated data for all learned paper when **Auto detect** or **Auto with confirmation** is selected in **Media type selection method**.
- Media type selection log.

Auto maintenance settings

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Auto nozzle check**

  Enables/Disables automatic nozzle checking. You can also select the page interval to perform automatic nozzle checking.

- **Nozzle check error display**

  Enables/Disables displaying the nozzle check error.

- **System Cleaning frequency**

  Specifies the frequency of automatic system cleaning.

  ## Note

  - To maintain print quality, we recommend you select **Short** if you use the printer at a higher place.

- **Print pattern after new head**

  Selects whether you print an adjustment pattern after replacing the Print head.

Hard disk settings

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Output method**

  Selects the printing method for jobs received from software other than the printer driver. When using the printer driver, configure settings on the printer driver.

  - **Print**

    Performs printing as usual.

  - **Print (auto delete)**

    Deletes the data from the printer's hard disk after printing is completed.

  - **Save to job box**

    Only saves the print job in job box without printing it.

- **Save first and print**

  A setting for jobs received from software other than the printer driver. When using the printer driver, configure settings on the printer driver. Select **ON** to print the job after it has been saved.

- **Common job box settings**

  Select **Print (auto delete)** to print without saving jobs in common job box.

- **File deletion settings**

  Selects the data erasing method when deleting a **Print job** or **Saved job**, or when **Print (auto delete)** is selected in **Output method** or **Common job box settings**.

  - **Fast**

    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.

  - **Fast secure**

    Erases the data encryption key specified for the hard disk drive. Specifying the encryption key again does not allow you to read and use data saved in the past safely and fast. Select to erase highly confidential data.

  - **Secure**

    Overwrites the entire hard disk with 00, FF, and random data (one time each) after the data encryption key specified for the hard disk drive is erased. 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.

- **Secure (VSITR)**

  Overwrites the entire hard disk with 00 next overwrites with FF after the data encryption key specified for the hard disk drive is erased. After repeating this process three times, the entire hard disk is overwritten with AA. It is virtually impossible to recover the overwritten data. Conforms to the guidelines of German Federal Government (VS-ITR).

- **Data deletion**

  Selects the method to delete data on printer's hard disk.

  ➡ Erasing Data on Printer's Hard Disk

Monitoring service settings

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Enable/disable monitoring service**

  Selecting **Enable** allows the printer to send error details to the service center.

  When selecting **Enable**, perform a communication test.

- **Communication test**

  Performs a communication test with the service center.

- **Communication log**

  Displays the list of error numbers (up to 30), error code, and time the error occurs. Tapping an item displays the error details.

  Main errors and countermeasures

Error code	Error detail	Countermeasure
0xxx0003	Communication test is not performed.	Perform the communication test.
8xxx0003	E-RDS switch is setting OFF.	Enable monitoring service.
8xxx2003	Network is not ready, try later.	Check the network settings.
8xxx200A	Server connection error	Check the network settings.
8xxx2014	Proxy connection error	Check the proxy server address etc.
8xxx201E	Proxy authentication error	Check the user name and password to log in to the proxy server.
8xxx2046	Server certificate expired	The server certificate has expired. Set the correct date and time on the printer.
8xxx2047	Server response time out	Check the network settings. Check the proxy server address. Make sure that the correct date and time is set on the printer.
8xxx2058	Unknown error	Wait a while, and then try the communication test again.

- **Timing for ink level notification**

  Sets the timing to notify the service center of remaining ink amount.

- **Warning notification settings**

  Displays a message on the touch screen selecting **Enable** when communication with the service center fails.

Other printer settings

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Energy saving settings**

  To save electricity, enable this setting to turn off the printer automatically or to enter sleep mode when specified length of time has elapsed.

  - **Auto power off**

    Sets the time until the printer turns off automatically. If no operations are performed on the printer for the specified duration of the time after entering Sleep mode, the printer automatically turns off.

  - **Sleep timer**

    Specifies the length of time to enter sleep mode automatically when no operation is made.

    ### Note

    If the print job contains a pending job or a security print job, the printer does not enter sleep mode.

- **Use USB connection**

  Use / **Do not use** USB connection.

- **Date/time settings**

  Sets the current date and time.

- **Date display format**

  Sets the format of dates displayed on the touch screen and printed on photos.

- **Time zone (GMT)**

  Specifies the time zone according to a country or region you live in.

  Specifying the time zone allows you to display the correct time and date an e-mail was sent on your mail software.

  Select the time difference from GMT (Greenwich mean time) according to a country or region you live in.

- **Length unit settings**

  Selects the length unit (meter or feet/inch).

- **Buzzer settings**

  The printer beeps once for warnings and 3 times for errors when **Enable** is selected.

- **EOP timer settings**

  Specify the timeout period before cancellation of print jobs that cannot be received by the printer.

- **Job history sending settings**

  Select **Send** to send the information to the printer management and job management systems.

- **Menu row height**

  Adjusts the line spacing of some setting items displayed on the touch screen.

Language selection

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

Changes the language for the messages and menus on the touch screen.

Firmware update

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

You can update the firmware of the printer, check the firmware version, or perform settings of a notification screen, a DNS server and a proxy server.

Note

- If LAN is disabled, you can not use **Install update**, **DNS server setup**, **Proxy server setup**.

- **Install update**

  Performs the firmware update of the printer.

  ➡ Firmware update

- **Check current version**

  You can check the current firmware version.

- **Update notification settings**

  When **Yes** is selected and the firmware update is available, the screen to inform you of the firmware update is displayed on the touch screen.

- **DNS server setup**

  Performs settings for a DNS server. Select **Auto setup** or **Manual setup**. If you select **Manual setup**, follow the display on the touch screen to perform settings.

- **Proxy server setup**

  Performs settings for a proxy server. Follow the display on the touch screen to perform settings.

Security settings

Select this setting item from **Printer settings**.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Administrator password settings**

  You can specify or disable the administrator password.

  If you specify the administrator password, select the range and specify the administrator password.

  Remote UI and other tools

  Entering the administrator password is required to change the setting items using Remote UI or some software.

  LCD, Remote UI, and other tools

  Entering the administrator password is required to change the setting items using the operation panel of the printer, Remote UI, or some software.

  For details:

  ➡ Setting Administrator Password on Operation Panel

- **Operation restrictions**

  Restricts the following operations.

  - **Job history**

    Restricts to display or print the print job history.

  - **Remote UI**

    Restricts to use Remote UI.

  - **Print from USB flash drive**

    Restricts to print data on USB flash drive.

- **IEEE802.1X settings**

  Performs various settings for IEEE802.1X.

Printer information

Select this setting item from HOME screen.

- **System information**

  Displays printer's system information.

- **Hard disk information**

  Displays the total or free space of the printer hard disk.

- **Error history**

  Displays the error history.

  - **Hardware error**

    Displays the hardware error codes (up to 5).

  - **Recoverable error**

    Displays the recoverable error (e.g. paper or ink related error) codes (up to 5).

  - **Paper feed/transfer error**

    Displays the error codes for errors which occur during paper feed/transfer (up to 5).

    Tapping an error code displays the error details.

  For more on the error code, refer to List of Support Code for Error.

- **Usage**

  Displays the printer's record of use such as total print area or the amount of ink consumption.

- **Head information**

  Displays the Print head serial number, elapsed days since the current Print head was installed, and dot count.

- **Head alignment performance log**

  Displays the Print head alignment performance log (up to 5).

- **Values applied with auto settings**

  Displays the print settings applied the last print job.

Setting Administrator Password on Operation Panel

You can specify or disable the administrator password.

Specifying the administrator password requires you to enter the password to use the items or change the settings below.

- **LAN settings**
- **Web service setup**
- **Auto maintenance settings**
- **Hard disk settings**
- **Monitoring service settings**
- **Other printer settings**
- **Language selection**
- **Firmware update**
- **Security settings**
- **Import/export settings**
- **Initialize printer settings**
- **Status print (administrator)**

Follow the procedure below to specify the administrator password.

Important

- The administrator password is set at the time of purchase.

  The printer's serial number is used as the password.

1. Tap **Printer settings** on HOME screen.

   Home Screen Menu Composition

2. Tap **Security settings**.

   If you specify the administrator password, enter the password.

3. Tap **Administrator password settings**.

   If you specify the administrator password, enter the password.

4. Tap **Change administrator password**.

5. Select range where administrator password is valid.

   Remote UI and other tools

   Entering the administrator password is required to change the setting items using Remote UI or some software.

   LCD, Remote UI, and other tools

   Entering the administrator password is required to change the setting items using the operation panel of the printer, Remote UI, or some software.

6. Enter new administrator password.

Important

- The following character restrictions apply to the password:
  - Set the password by using 4 to 32 characters.
  - The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.
    - ! @ # $ % ^ & * _ ; : , . / ` = + ' " ( ) { } [ ] < > |
  - For security reasons, we recommend you use 8 and more alphanumeric characters.

7. Tap **Apply**.

8. Enter administrator password you specified again.

9. Tap **Apply**.

   The administrator password is enabled.

When You Want to Disable the Administrator Password:

Select **Printer settings** > **Security settings** > **Administrator password settings** > **Remove administrator password** on the operation panel. Follow the on-screen instructions during setup.

Erasing Data on Printer's Hard Disk

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- 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.
- You cannot erase HDD data if there is a job queue. Additionally, print jobs are not processed while data erasing is in progress.

1. Tap **Printer settings** on HOME screen.

   Home Screen Menu Composition

2. Tap **Hard disk settings**.

   If you specify the administrator password, enter the password.

3. Tap **Data deletion**.

4. Tap erasing method.

   Fast

   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.

   Fast secure

   Erases the data encryption key specified for the hard disk drive. Specifying the encryption key again does not allow you to read and use data saved in the past safely and fast. Select to erase highly confidential data.

   Secure

   Overwrites the entire hard disk with 00, FF, and random data (one time each) after the data encryption key specified for the hard disk drive is erased. 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.

   Secure (VSITR)

   Overwrites the entire hard disk with 00 next overwrites with FF after the data encryption key specified for the hard disk drive is erased. After repeating this process three times, the entire hard disk is overwritten with AA. It is virtually impossible to recover the overwritten data. Conforms to the guidelines of German Federal Government (VS-ITR).

5. Confirm displayed message and tap **Yes**.

   Data on the hard disk are erased.

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.

Follow the procedure below to print.

1. Tap **Printer settings** on HOME screen.

   Home Screen Menu Composition

2. Tap **Test print**.

3. Tap **Status print**.

   Note

   - If you specify the administrator password, tap **Status print (administrator)**.

4. Tap **Yes**.

   The printer starts printing.

The following information is included.

Canon xxxxxxxxxxxxxxxxxxx Status Print	Printer model
S/N	Printer serial number
Firm	Firmware version
Boot	Boot ROM version
Date	Date and time when the status print was output

Paper Info		
	Roll Media	**Type** of roll paper
	Cut Sheet	**Type** of cut sheet

Job Menu			
	Job History		
		Log *1	Details of up to 5 jobs (Job name is printed as "*".)

*1Printed only when **Status print (administrator)** is selected.

Settings			
	Printer settings		
		Print settings	Setting values of **Print head movable width setting** and **Prioritize paper size**
		Paper-related settings	Setting values of **Paper-related settings**

Device settings			
	Auto maintenance settings	Setting values of **Auto maintenance settings**	
	Hard disk settings	Each setting value of **Hard disk settings**	
	Device user settings	Setting values of **Other printer settings**	
	Language selection	Setting value of **Language selection**	
	Firmware update notification	Setting values of **Update notification settings**	
	Monitoring service settings	Setting values of **Enable/disable monitoring service**	
	Roll unit use setting *2	Each setting value of **Take-up mode**	

*2 Printed only when you select **ON**.

Maintenance		
	Color calibration	Setting value of **Color calibration**

Usage Condition		
	Hard disk information	**Hard disk capacity** and **Job box free space**
	Hardware error	History information of **Hardware error**
	Error	History information of **Recoverable error**
	Warning	Warning history information
	Jam	History information of **Paper feed/transfer error**
	Maintenance cartridge usage / Remaining ink level	Values of **Ink consumed**
	Duty counter	Values of **Duty counter**

PARTS STATUS		
	COUNTER	Part status

Head information		
	HEAD LOT NUMBER/ DATE OF INSTALLATION	Information of **Head information**
	Head alignment performance log	History information of **Head alignment performance log**

COUNTER		
	MEDIA	Usage status by media
	THE NUMBER OF CUTS	Total number of cuts
	AFTER INSTALLATION	Number of days from the use start date

Changing Printer's Setting Using Web Browser

- Start up Remote UI
- Changeable Setting Items Using Remote UI
- Setting Passwords Using Remote UI
- Registering Printer's Root Certificate to Web Browser for SSL Communication
- Registering Printer's Root Certificate to Local Computer for SSL Communication
- Generating Server Certificate
- Setting Mail Server
- Receiving Printer Status by E-mail

Start up Remote UI

You can check the printer status and change the printer settings using the web browser on your smartphone, tablet, or computer.

To check the printer status and to change the printer settings, display "Remote UI" on the web browser.

Note

- Remote UI is a software that enables you to perform operations, which are usually performed on the printer's operation panel, using a Web browser over a network.

  LAN connection with the printer is required to use Remote UI.
- You can use Remote UI on the following OS and the web browser.
  - iOS device

    OS: iOS 12.0 or later

    Web browser: iOS standard Web browser (Mobile Safari)
  - iPadOS device

    OS: iPadOS 13.0 or later

    Web browser: iPadOS standard Web browser (Mobile Safari)
  - Android device

    OS: Android 5.1 or later

    Web browser: Android standard Web browser (Browser or Chrome)
  - macOS device

    OS: macOS Sierra 10.12 or later

    Web browser: Safari 10.0 or later
  - Windows device

    OS: Windows 7 SP1 or later

    Web browser: Microsoft Edge, Internet Explorer 11, Mozilla Firefox, Google Chrome
- Enable JavaScript and cookies in the web browser.

1. Check printer's IP address.

   1. Tap **LAN settings** on HOME screen.

      Home Screen Menu Composition

   2. Tap the enabled LAN.

      Diagonal lines are displayed for disabled LAN icons.

   3. Check **IPv4 address**.

2. Open web browser on your smartphone, tablet, or computer and enter IP address.

Enter as following in the URL field of the web browser.

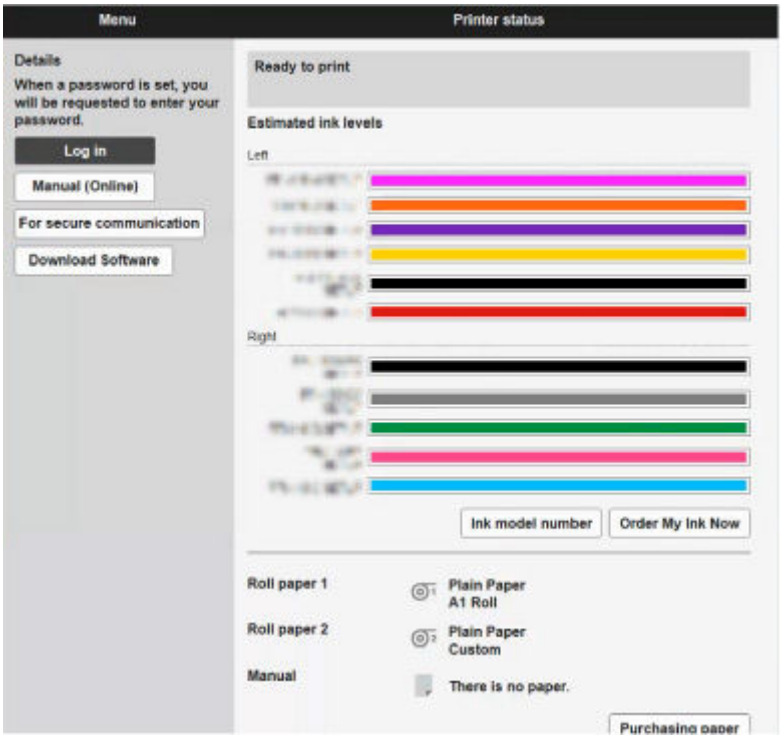
http://XXX.XX.X.XXX

Enter the IP address of the printer in "XXX.XX.X.XXX".

Note

- If you have set a DNS host name, you can also enter this.

When you access, "Remote UI" will be displayed on the web browser on your smartphone, tablet, or computer.



Note

- If you display Remote UI for the first time on your smartphone, tablet, or computer, download the root certificate, and then register it.
  ➡ Registering Printer's Root Certificate to Web Browser for SSL Communication
- If the root certificate is not registered, a message to warn you that the secure connection is not guaranteed may appear.

3. Select **Log in**.

The password authentication screen appears.

Note

- When the standard user mode is enabled, choose either administrator mode or standard user mode to log on.

  After choosing a mode and selecting **Log in**, the password authentication screen of each mode appears.

4. Enter password.

When the password authentication is complete, the menus that can be utilized are displayed on the web browser.

Important

- The password is set at the time of purchase. The password is the printer serial number. The printer serial number is printed on the sticker attached on the printer. It consists of 9 alphanumeric characters (four alphabets followed by five numbers).

  For details on setting password, see Setting Passwords Using Remote UI.

5. Confirm that the main screen of Remote UI is displayed.

For changeable setting items, see below.

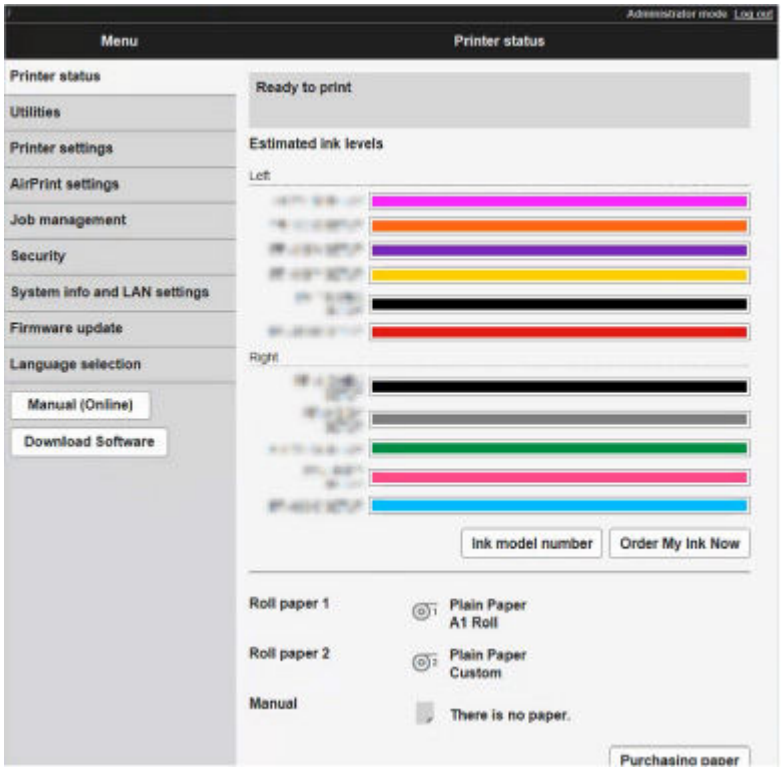
➡ Changeable Setting Items Using Remote UI

When you finish checking printer status and changing printer settings, select **Log out**.

Changeable Setting Items Using Remote UI

Note

- The item which can be used is different in administrator mode or in standard user mode.



Printer status

This function displays printer information such as the remaining ink amount, the status, and detailed error information.

You can also connect to the ink purchase site or support page, and use Web Services.

Utilities

This function allows you to set and perform maintenance such as cleaning.

Printer settings

This function allows you to change the printer settings such as the energy saving settings and the print settings.

Additionally, this function allows you to receive the printer status information such as the remaining ink level and the error.

- Setting Mail Server
- Receiving Printer Status by E-mail

You can disable any operations using the operation panel from **Operation panel lock** on **Custom settings**.

Note

- Some of the menu is available only when you logged on in administrator mode.

AirPrint settings

This function allows you to specify the AirPrint settings when printing with AirPrint.

Job management

This function allows you to display the job history and print it.

In addition, you can delete jobs from this item.

Note

- When you are logging on in administrator mode, you can restrict this function in standard user mode.

Security (Item for administrator)

This function allows you to specify the password, the standard user mode settings, the operation restrictions, and SSL/TLS settings of certificate for encrypted communication.

System info and LAN settings

- **Confirm system information**
- **LAN settings** (Item for administrator)

Firmware update

You can update the firmware of the printer, check the firmware version, or perform settings of a DNS server and a proxy server.

Firmware update

Language selection (Item for administrator)

This function allows you to change the language on the display.

Manual (Online)

This function displays the *Online Manual*.

Security

- **Administrator password setting**

  ➡ Setting Passwords Using Remote UI

- **Operation restrictions**

  Restricts the following operations.

  - **Job history**

    Restricts to display or print the print job history.

  - **Print from USB flash drive**

    Restricts to print data on USB flash drive.

- **SSL/TLS settings**

  Perform settings of a certificate for encrypted communication.

  Available TLS settings enables you to specify the range of the version used for SSL/TLS communication.

- **IEEE802.1X settings**

  - **Authentication**

    Enables/Disables IEEE802.1X certificate.

    Note

    - In the case of using IEEE802.1X certificate, **Security** > **IEEE802.1X settings** > **CA certificate**, and register the CA certificate.
    - Supported authentication method
      - EAP-TLS (Extensible Authentication Protocol-Transport Level Security)
      - EAP-TTLS (EAP-Tunneled TLS)
      - PEAP (Protected EAP)

  - **Weak encryption restriction**

    Selecting **Do not restrict** enables communication using the 3DES or RC4 encryption algorithm.

  - **Weak certificate restriction**

    Selecting **Do not restrict** enables certificate authentication using the public key algorithm of RSA (512 bit) or RSA (1024 bit).

  - **Key and certificate settings**

    Perform settings for key and client certificate.

  - **CA certificate**

    Perform settings for the CA certificate that verifies a server certificate.

LAN settings

- **Wi-Fi**

  Enables/Disables Wi-Fi.

- **Wireless Direct**

  Enables/Disables Wireless Direct.

- **Wired LAN**

  Enables/Disables Wired LAN.

- **Confirm LAN settings**

  The LAN setting information is displayed.

- **Advanced setup**

  - **Set printer name**

    Specifies the printer name. You can use 2 to 15 characters for the name.

    Note

    - You cannot use the same printer name as that already used for other LAN connected devices.
    - You cannot use a hyphen for the initial or last character of the printer name.

  - **TCP/IP settings**

    Performs IPv4 or IPv6 setting.

  - **WSD settings**

    Perform settings to use WSD.

  - **Bonjour settings**

    Perform settings to use Bonjour.

  - **LPD print**

    Perform settings for printing with LPD.

  - **SNMP settings**

    Perform settings for using SNMP to manage and control the printer.

  - **SNTP settings**

    Perform settings for using SNTP to adjust the time on the printer.

  - **FTP settings**

    Perform settings for printing with FTP.

  - **IPP Settings**

    Perform settings for printing with IPP.

  - **CHMP settings**

    Perform settings for communication at the time when printer drivers or applications acquire the information on status, paper, and job log, from the printer.

Selecting **Enable HTTPS redirection** redirects the communication using CHMP to encrypted communication.

Note

- To use CHMP for encrypted communication, you need to register the printer's root certificate to your computer.
  Registering Printer's Root Certificate to Local Computer for SSL Communication
- CHMP is a Canon proprietary protocol.

◦ **Network interface settings**

To connect to a hub that supports STP, select **Enable**.

Selecting **Enable** perform the intermittent data reception when connecting to the network.

◦ **DRX settings**

Selecting **Enable** perform the intermittent data reception when connecting to the network.

◦ **IP filtering**

Allows or denies access for specific IP addresses.

Settings for both IPv4 and IPv6 addresses can be specified.

Important

- If the device address for the administrator has been set to rejection by mistake, initialize the printer's network information, and then perform setup again.

  LAN settings > **Wi-Fi/Wireless Direct/Wired LAN** > **Settings** > **Advanced setup** > **Reset LAN settings**

◦ **MAC address filtering settings**

Allows or denies access for specific MAC addresses.

Important

- If the device address for the administrator has been set to rejection by mistake, initialize the printer's network information, and then perform setup again.

  LAN settings > **Wi-Fi/Wireless Direct/Wired LAN** > **Settings** > **Advanced setup** > **Reset LAN settings**

◦ **Reset LAN settings**

Initializes the network settings on the printer.

After resetting, perform setup again as necessary.

Setting Passwords Using Remote UI

Each of passwords for administrator and standard user can be set.

When logging on with password for administrator, all settings can be changed.

When logging on with password for standard user, some of the settings can be changed.

When logging on with password for administrator, you can restrict the function for standard user.

- Setting Administrator Password
- Setting Standard User Password

Note

- Password can be set only when you are logged in administrator mode.

Setting Administrator Password

Change the administrator password by following the steps below.

Important

- The password is set at the time of purchase. The password is the printer serial number. The printer serial number is printed on the sticker attached on the printer. It consists of 9 alphanumeric characters (four alphabets followed by five numbers).

1. Start up **Remote UI**.

   Start up Remote UI

2. Select **Security**.

3. Select **Administrator password setting**.

4. Select **Change administrator password**.

   If an administrator password is not specified, the confirmation message appears. Confirm the message and select **Yes**. When message appears again, confirm it and select **OK**.

5. Select range where administrator password is valid and select **OK**.

   Remote UI and other tools

   Entering the administrator password is required to change the setting items using the Remote UI or some software.

   Operation panel/Remote UI/other tools

   Entering the administrator password is required to change the setting items using the operation panel of the printer, the Remote UI, or some software.

6. Enter password and select **OK**.

   Important

   - The following character restrictions apply to the password:

- Set the password by using 4 to 32 characters.
- The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.
  - ! @ # $ % ^ & * _ ; : , . / ` = + ' " ( ) { } [ ] < > |
- For security reasons, we recommend you use 8 and more alphanumeric characters.

7. When completion message appears, select **OK**.

Setting Standard User Password

For restricting the function for standard user, enable the standard user mode and set a standard user password by following the steps below.

1. Start up **Remote UI**.

   Start up Remote UI

2. Select **Security**.

3. Select **Standard user mode settings**.

4. When confirmation message appears, select **Yes**.

5. Enter password and select **OK**.

   Important

   - The following character restrictions apply to the password:
     - Set the password by using 4 to 32 characters.
     - The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.
       - ! @ # $ % ^ & * _ ; : , . / ` = + ' " ( ) { } [ ] < > |
     - For security reasons, we recommend you use 8 and more alphanumeric characters.

6. When completion message appears, select **OK**.

Registering Printer's Root Certificate to Web Browser for SSL Communication

If the printer's root certificate has not been registered to the web browser, a message to warn you that the secure connection is not guaranteed may appear.

When you display Remote UI for the first time on your smartphone, tablet, or computer, download the root certificate, and then register it to the web browser. The secure connection will be confirmed and a message will not appear. However, the message may appear depending on a web browser even after you have registered the root certificate.

How to register the root certificate varies depending on the web browser.

- For Microsoft Edge
- For Safari
- For Chrome on Android
- For Mobile Safari on iOS

Operating procedure may differ depending on the version of your web browser. For other web browser, refer to each help.

Important

- Make sure that you have accessed to the printer IP address correctly by checking the URL field of the web browser before registering the root certificate.
- If the printer is connected via IPv6 using Windows, you need to generate a server certificate using Remote UI.

  For details, see Generating Server Certificate.

For Microsoft Edge

1. Select **For secure communication** on Remote UI.
2. Select **Download**.

   Downloading the root certificate is started.
3. If confirmation screen appears, select **Open**.

   Certificate screen is displayed.

   Note

   - To save the certificate file and register it, select **Save**. To register, select **Control Panel** > **Network and Internet** > **Internet Options**, and register the root certificate from **Certificates** on **Content** sheet.
4. Select **Install Certificate**.

   Certificate Import Wizard screen is displayed.

5. Select **Next**.

6. Select **Place all certificates in the following store**.

7. Select **Browse**.

   Select Certificate Store screen is displayed.

8. Select **Trusted Root Certification Authorities** and **OK**.

9. Select **Next** on **Certificate Import Wizard** screen.

10. If **Completing the Certificate Import Wizard** appears, select **Finish**.

    Security Warning screen is displayed.

11. Make sure that thumbprint on **Security Warning** screen matches printer's thumbprint.

    To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert. thumbprint (SHA-256)**, tap **Printer information** > **System information** on HOME screen of the operation panel.

12. If thumbprint on **Security Warning** screen matches printer's thumbprint, select **Yes**.

13. Select **OK** on **Certificate Import Wizard** screen.

    The root certificate registration is completed.

For Safari

1. Select **For secure communication** on Remote UI.

2. Select **Download**.

   Downloading the root certificate is started.

3. Open the downloaded file.

   Keychain access starts up and **Add Certificates** screen is displayed.

4. Select **Add**.

   Information on the certificate is displayed.

   Note

   - You can also add the certificate by selecting **Show Certificate**, checking certificate name to add, and then selecting the same certificate on Keychain access.

5. Make sure that fingerprint of certificate detail information matches printer's thumbprint.

To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert. thumbprint (SHA-256)**, tap **Printer information** > **System information** on HOME screen of the operation panel.

6. If fingerprint of certificate detail information matches printer's thumbprint, display information on certificate from the menu or by double-clicking the certificate, and select **Always Trust** on **Trust**.

   The root certificate registration is completed.

   Note

   - If a password is set on your device, entering a password may be required.

For Chrome on Android

1. Select **For secure communication** on Remote UI.

2. Select **Download**.

   Downloading the root certificate is started and then **Name the certificate** screen is displayed.

3. As entering the root certificate name is required, enter an arbitrary certificate name and select **OK**.

   The root certificate registration is completed.

   Note

   - If PIN or password is not set as security type, the attention screen may appear. Select **OK**, and then set the security type to PIN or password.

After Root Certificate Registration

We recommend that you make sure that the correct root certificate has been registered.

To make sure that the correct root certificate has been registered, make sure that thumbprint of certificate information matches printer's thumbprint. Follow the steps below.

Note

- Some Android devices cannot be checked the thumbprint of a registered route certificate.

1. From **Settings** menu on your device, select **Security**, **Trust credentials**, and **USER**.

   The list of downloaded certificates appears.

2. Select downloaded certificate.

   The certificate information appears.

3. Make sure that thumbprint of certificate information matches printer's thumbprint.

To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert. thumbprint (SHA-256)**, tap **Printer information** > **System information** on HOME screen of the operation panel.

4. If thumbprint of certificate information screen matches printer's thumbprint, select **OK**.

   The root certificate registration is completed.

   If the message to warn you that the secure connection is not guaranteed appears when you select **Log in** on Remote UI after registering the root certificate, restart the web browser. The message will not appear on the web browser.

Note

- Depending on the Android device, a warning may appear even after registering the proper root certificate.

For Mobile Safari on iOS

1. Select **For secure communication** on Remote UI.

2. Select **Download**.

   Downloading the root certificate is started and then **Install Profile** screen is displayed.

3. Select **Install**.

   Warning screen is displayed.

   Note

   - If a password is set on your device, entering a password may be required.

4. Select **Install**.

5. Select **Install** on displayed dialog.

   The root certificate registration is completed.

Registering Printer's Root Certificate to Local Computer for SSL Communication

To use Device Management Console or Accounting Manager, etc. when you connect the printer to a computer using SSL encrypted communication, you need to register (import) the printer's root certificate to your computer.

Procedure to register the certificate varies depending on your operation environment.

Important

- If the printer is connected via IPv6 using Windows, you need to generate a server certificate using Remote UI.

  For details, see Generating Server Certificate.

- For Windows 10/Windows 8.1
- For Windows 7
- For macOS

Operation procedure may differ depending on your OS version.

For Windows 10/Windows 8.1

The procedure below describes how to import a root certificate in Windows 10/Windows 8.1.

1. Start up Remote UI.

   Start up Remote UI

2. Select **For secure communication**.

   Note

   - You can download a certificate from Status Monitor.

     1. Open status monitor.

        Open the **Printing preferences**, and select **Status Monitor...** on **Main**.

     2. Download a certificate.

        Select **Download Security Certificate** from the **Remote UI** menu.

3. Select **Download**.

   The root certificate will be downloaded.

4. When download confirmation screen is displayed, select **Open**.

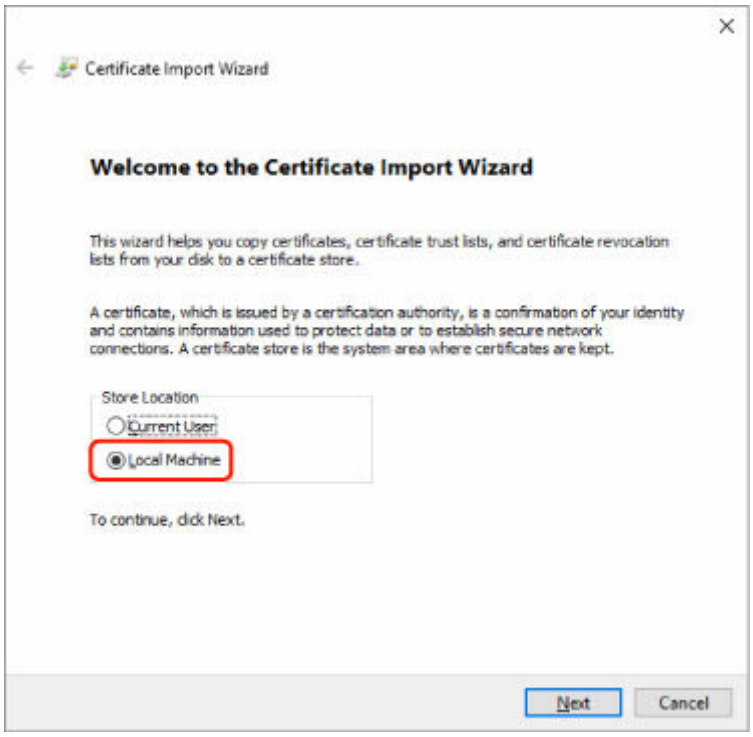
   The **Certificate** screen appears.

5. Select **Install Certificate**.

The **Certificate Import Wizard** screen appears.

6. Select **Local Machine**.

    1. Select **Local Machine** on the startup screen of **Certificate Import Wizard**.



    2. Select **Next**.

    3. Select **Yes** on the displayed screen.

        The **Certificate Store** screen appears.

7. Select **Place all certificates in the following store**.

8. Select **Trusted Root Certificate Authorities**.

    1. Select **Browse** to open the **Select Certificate Store** screen.

    2. Select **Trusted Root Certificate Authorities** from the list and select **OK**.

    3. Select **Next** on the **Certificate Store** screen.

9. Select **Finish**.

    When the **Completing the Certificate Import Wizard** screen appears, check the settings and select **Finish**.

For Windows 7

The procedure below describes how to import a root certificate in Windows 7.

Important

- Be sure to create a certificate snap-in before importing a root certificate.

  The root certificate will be registered to the local user if you import it without creating a certificate snap-in.

Creating Certificate Snap-in

1. Start up Microsoft Management Console.

   Enter **MMC** on **Search programs and files** in the **Start** menu and press the Enter key.

2. Select **Yes** on displayed screen.

3. Select **Add/Remove Snap-in** from **File** menu.

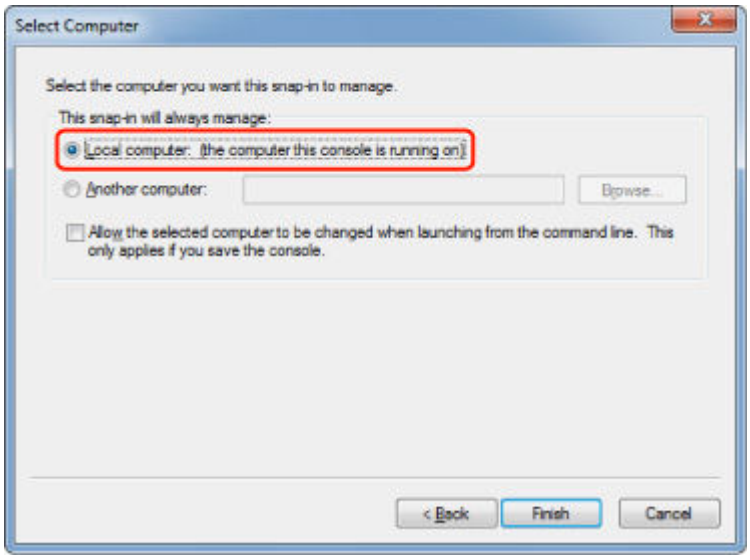
   The **Add or Remove Snap-ins** screen appears.

4. Add **Certificate** snap-in.

   1. Select **Certificates** from **Available snap-ins** list and select **Add**.

   2. Select **Computer account** for **This snap-in will always manage certificates for** on the **Certificates snap-in** screen and select **Next**.

   3. Select **Local computer** on the **Select computer** screen and select **Finish**.

   4. Select **OK** on the **Add or Remove Snap-ins** screen.

Downloading Certificate

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **For secure communication**.

Note

- You can download a certificate from Status Monitor.

    1. Open status monitor.

        Open the **Printing preferences**, and select **Status Monitor...** on **Main**.

    2. Download a certificate.

        Select **Download Security Certificate** from the **Remote UI** menu.

3. Select **Download**.

4. Select **Save**.

Importing Certificate

1. Open **Certificate Import Wizard**.

    1. On the left window, open **Trusted Root Certificate** from **Certificate** on **Console Root**.

    2. Right-click **Certificates** and select **Import** from **All tasks**.

2. Specify certificate file to import.

    1. Select **Next**.

    2. Specify the certificate file to import on **File name** and select **Next**.

3. Specify certificate store.

    1. Select **Place all certificates in the following store**.

    2. Select **Trusted Root Certificate Authorities** for **Certificates Store**.

4. Finish certificate import wizard.

    1. Select **Next** and check the specified settings.

    2. Select **Finish** to finish the wizard.

    3. Select **OK** on the displayed screen.

Checking Imported Certificate

Make sure the imported certificate has been registered to your computer.

1. Display certificate list.

   On the left window of Microsoft Management Console, select **Console Root** > **Certificates (Local Computer)** > **Trusted Root Certificate Authorities** in this order, and Select **Certificates** to display the certificate list.

2. Check registered certificate.

   Make sure the imported certificate name is displayed on the list.

   Note

   - Make sure you can see the registered certificate from **Current user** by creating the **Current user** snap-in.

Note

- When you finish Microsoft Management Console, a message asking you whether to save the console setting. If you continue to apply the same settings next, select **Yes** to save.

For macOS

The procedure below describes how to import a root certificate in macOS.

1. Start up Remote UI.

   Start up Remote UI

2. Select **For secure communication**.

3. Select **Download**.

   The root certificate will be downloaded.

4. Open downloaded certificate file.

   When the download procedure is completed, a downloaded item pops up on the right of the screen.

   Double-click the downloaded certificate on the list starts up **Keychain Access** and the **Add Certificates** screen appears.

   Note

   - If the downloaded item does not pop up, select the **Show Downloads** button on the right.
   - Selecting the magnifying glass icon on the right of download list displays the folder containing the certificate.

5. Select **Add**.

   Select the destination for the certificate on **Keychain**.

   Selecting **Add** displays information on the certificate.

Note

- You can add the certificate by selecting the same certificate on **Keychain Access**. Check the name of certification to add after selecting **View Certificates**.

6. Check certificate.

Make sure the fingerprint of certificate shown on **Details** corresponds with the root certificate thumbprint of the printer.

To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert. thumbprint (SHA-256)**, tap **Printer information** > **System information** on HOME screen of the operation panel.

7. Select **Always Trust**.

If the fingerprint of certificate detail information matches printer's thumbprint, display information on certificate from the menu or by double-clicking the certificate, and select **Always Trust** on **Trust**.

The root certificate has been registered.

Note

- Entering the password may be required if you specify it for your printer.

Generating Server Certificate

When you use SSL connection via IPv6 network, you need to generate an IPv6 server certificate using the printer.

Generate the server certificate from Remote UI.

Follow the procedure below.

1. Checking Printer's IP Address
2. Generating Server Certificate
3. Checking Generated Server Certificate

Important

- To reset the server certificate, tap in the following order from the operation panel.

  LAN settings > **Wi-Fi** / **Wireless Direct** / **Wired LAN** > **Settings** > **Advanced** > **Reset SSL certificates** > **Yes**

Checking Printer's IP Address

1. Tap **LAN settings** on HOME screen.

   ➡ Home Screen Menu Composition

2. Tap the enabled LAN.

   Diagonal lines are displayed for disabled LAN icons.

3. Check the value on **IPv6 link-local address**.

   Write down the value on **IPv6 link-local address** for your reference when you generate a server certificate.

Generating Server Certificate

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Security**.

3. Select **SSL/TLS settings**.

4. Select **Generate key and certificate**.

5. Select **Generate self-signed cert**.

6. Specify each setting item.

   - **Signature algorithm**

     Select **SHA256**.

   - **Public key length (bits)**

     Select **2048 bits**.

   - Specify the expiration date.

     Enter the date you generated the server certificate on **Valid from**.

     Enter the date the server certificate expires on **Valid to**.

   - Enter the common name.

     On **Common name**, enter the **IPv6 link-local address** you checked in abbreviated form.

     Note

     - When you enter the common name, add [ ] to each end of the abbreviation value of the printer's IPv6 address.
     - Do not use a comma or make a space for the common name.

7. Select **Next**.

   You need not enter anything on **Country**, **State or province**, **Locality**, **Organization**, or **Organizational unit**.

8. Select **Generate**.

   The server certificate starts to be generated.

   When the server certificate has been generated, **Generated a self-signed certificate.** appears.

9. Select **Restart LAN**.

   LAN will be restarted.

   When LAN has been restarted, **Printer status** on Remote UI appears.

   Note

   - If you cannot access to Remote UI after you restart LAN, reload your web browser.

Checking Generated Server Certificate

1. Select **Security** on Remote UI.

2. Select **SSL/TLS settings**.

3. Select **Check key and certificate**.

   Make sure the issuer of the root certificate is displayed on **Issued by**, and the value you entered is displayed on **Common name** on **Subject**.

Setting Mail Server

To use mail function, specify the mail server settings.

*This function may not be available depending on the country or region of purchase.

Note

- If you did not specify the time zone setting using the printer's operation panel, a message to inform you that the correct time may not be reflected on the sent e-mail appears. We recommended that you set the time zone setting using the printer's operation panel.

  For the time zone setting, see Other printer settings.
- These functions can be set only when you are logged in administrator mode.

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Printer settings**.

3. Select **Set mail server**.

   The setting items for mail server appear.

4. Specify mail server settings.

   Specify the following items.

   Sender address
   Enter the e-mail address of the sender (this printer).

   Outgoing mail server (SMTP)
   Enter the address of your SMTP server.

   Port number (SMTP)
   Enter the port number of your SMTP server.

   Secure connection (SSL)
   Select if you use the secure connection (SSL).

   Don't verify certificates
   Select if you do not verify the certificate.

   Authentication
   Select one of the following authentication methods.

   SMTP authentication
   Select if you send e-mail with SMTP authentication.

   Then select **OK**, and then make the following settings.

   Outgoing account
   Enter the account name for sending to perform the authentication.

Outgoing password

To set / change the password for sending in order to perform the authentication, check the **Set/change password** and then enter the password.

POP before SMTP

Select if you send e-mail with POP before SMTP authentication.

Then select **OK**, and then make the following settings.

Incoming mail server (POP3)

Enter the address of your POP3 server.

Port number (POP3)

Enter the port number of your POP3 server.

Incoming account

Enter the account name for receiving to perform the authentication.

Incoming password

To set / change the password for receiving in order to perform the authentication, check the **Set/change password** and then enter the password.

Use APOP authentication

Select if you send the password by the encryption transmission.

Clear mailbox

Select if you delete the e-mails that remain in the POP3 server.

Important

- When this setting is enabled, e-mail in the Inbox on the server will have all been removed. If you specify the e-mail address of your everyday, be sure to disable this setting as unread e-mail is not deleted. We recommended that you prepare this printer dedicated e-mail account not to accidentally delete the unread e-mail.

5. Select **OK**.

The setting operation is completed.

Receiving Printer Status by E-mail

You receive the printer status information such as the remaining ink level and the error from the printer.

*This function may not be available depending on the country or region of purchase.

Note

- Specify the mail server settings in advance.

  ➡ Setting Mail Server

- If you did not specify the date and time setting using the printer's operation panel, the date and time may not be reflected on the sent e-mail. We recommended that you set the date and time setting using the printer's operation panel.

  For the date and time setting, see Other printer settings.

- These functions can be set only when you are logged in administrator mode.

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Printer settings**.

3. Select **Status notification email**.

4. Select **Notification recipients**.

5. Specify destination settings.

   Up to 5 destinations can be registered by following the steps below.

   1. Select number of destination.
   2. Select **Add**.
   3. Enter e-mail address, and then select printer status to send information.
   4. Select **OK**.

      The registration for destination is completed.

6. Select **Printer settings** > **Status notification email** > **Retry settings**.

7. Specify resending settings.

   The number of resending can be specified by following the steps below.

   1. Specify number of resending.
   2. Specify interval of resending.

3. Select **OK**.

   The resending setting is completed.

Migrating Printer's Setting

Migrates the printer settings to another one of the same model.

This operation is available using Remote UI or USB flash drive.

- Using Remote UI
- Using USB Flash Drive

Note

- The printers must be running the same firmware version. The target data to be migrated is fixed.

Using Remote UI

1. Exporting settings

    1. Start up Remote UI.

        Start up Remote UI

    2. Select **Printer settings**.
    3. Select **Import/Export printer settings**.
    4. Select **Export printer settings**.
    5. Enter password and select **OK**.

2. Importing settings

    1. Start up Remote UI

        Start up Remote UI

    2. Select **Printer settings**.
    3. Select **Import/Export printer settings**.
    4. Select **Import printer settings**.
    5. Select a file to import.
    6. Enter password and select **OK**.

Using USB Flash Drive

1. Exporting settings

    1. Insert a USB flash drive to USB flash drive port.

2. Tap **Printer settings** on HOME screen.

   ➡ Home Screen Menu Composition

3. Tap **Import/export settings**.

   If you specify the administrator password, enter the password.

4. Tap **Export**.

5. Enter password and Tap **OK**.

6. Enter password again.

2. Importing settings

1. Insert a USB flash drive to USB flash drive port.

2. Tap **Printer settings** on HOME screen.

   ➡ Home Screen Menu Composition

3. Tap **Import/export settings**.

   If you specify the administrator password, enter the password.

4. Tap **Import**.

5. Enter password and Tap **OK**.

Initializing Printer's Setting

Initializes the following settings.

- Paper setting information
- Detection priority data of paper
- SSL certificate
- LAN setting
- Administrator password
- Hard drive data
- Job history
- Operation panel lock

This operation is available using the operation panel or Remote UI.

- Using operation panel
- Using Remote UI

Using operation panel

1. Tap **Printer settings** on HOME screen.

   Home Screen Menu Composition

2. Tap **Initialize printer settings**.

   If you specify the administrator password, enter the password.

3. Confirm displayed message and tap **Yes**.

Using Remote UI

1. Start up Remote UI.

   Start up Remote UI.

2. Select **Printer settings**.

3. Select **Initialize printer settings**.

4. Confirm displayed message and select **Yes**.

   The Remote UI is disconnected.

Network Setting

- **Network Connection Tips**
  - Printer Connection Methods
    - Connecting Smartphone/Tablet to Printer via Wireless Router
    - Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)
  - Default Network Settings
  - Another Printer Found with Same Name
  - Connecting to Another Computer via LAN/Changing from USB to LAN Connection
  - Printing Network Settings
  - Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
  - Countermeasures against Unauthorized Access
  - Network Status and Troubleshooting
- **Checking Printer Connection Status Using IJ Network Device Setup Utility**
- **Sharing the Printer on a Network (Windows)**
  - Setting Up a Shared Printer
  - Restrictions on Printer Sharing
- **Sharing the Printer on a Network (macOS)**
  - Settings on Print Server
  - Settings on Client PC
  - Restrictions on Printer Sharing

Network Connection Tips

- **Printer Connection Methods**
  - Connecting Smartphone/Tablet to Printer via Wireless Router
  - Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)
- **Default Network Settings**
- **Another Printer Found with Same Name**
- **Connecting to Another Computer via LAN/Changing from USB to LAN Connection**
- **Printing Network Settings**
- **Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection**
- **Countermeasures against Unauthorized Access**
- **Network Status and Troubleshooting**

Printer Connection Methods

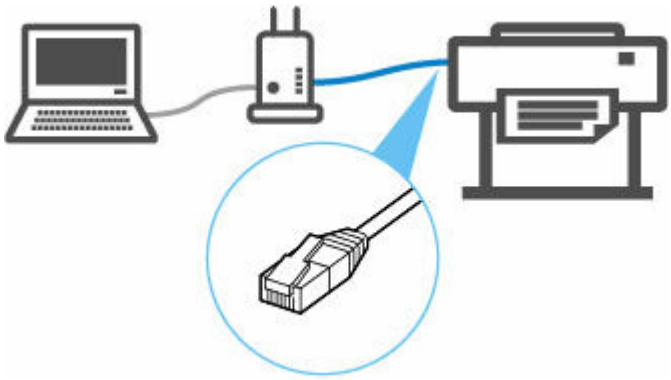
4 connection methods are available on the printer.

Wi-Fi Connection

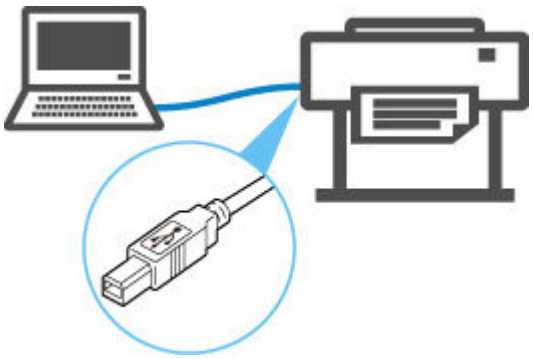
- **Using Wi-Fi Router**

- **Without Using Wi-Fi Router (Wireless Direct)**

LAN Connection



USB Connection



Different types of network connections cannot be used at the same time.

When connecting another device while the devices are already connected to the printer, connect it using the same connection method as the connected device or connect via USB connection.

If you connect using a different connection method, the connection to the devices in use will be disabled.

➡ Restrictions

Wi-Fi Connection

There are two methods for connecting the printer to your device (e.g. smartphone or tablet). One method is to connect using a wireless router, and the other method is to connect without using a wireless router.

The two connection methods cannot be used at the same time.

If you have a wireless router, we recommend you use the method using a wireless Router.

- **Connection Using a Wireless Router**

  - Connect the printer and the devices using a wireless router.
  - Connection methods vary depending on the wireless router type.
  - You can change network settings such as the SSID and security protocol on the printer.
  - When the connection between a device and a wireless router is completed and (Wi-Fi icon) is displayed in the device's screen, you can connect the device to the printer using the wireless router.

    ➡ Connecting Smartphone/Tablet to Printer via Wireless Router

Note

- If you connect using a wireless router, the printer and the device must be connected to the same network.

  ➡ Advantages of Connecting Printer over Wi-Fi

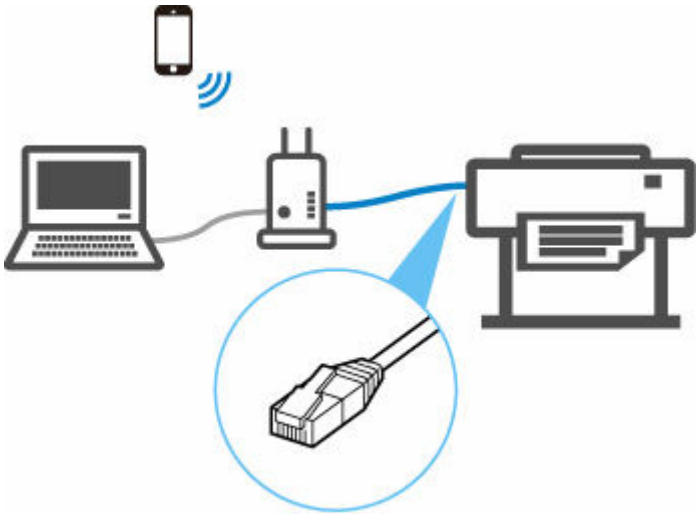
- **Connection without Using a Wireless Router (Wireless Direct)**

  - Connect the printer and a device without using a wireless router. Connect the device and the printer directly using the printer's wireless direct.
  - In the wireless direct, you can connect up to five devices at the same time. If you try to connect another device while five devices are already connected, disconnect a device you do not use and configure settings again.
  - Network settings such as the SSID and security protocol are specified automatically.

➡ Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)

LAN Connection

Connect the printer and a computer or a router with an Ethernet cable. If your router supports wireless connection, you can connect the device via wireless connection.



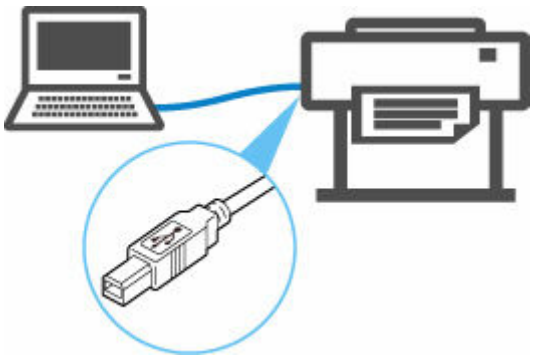
Note

- Devices connected to the router must be connected to the same network.

➡ What Is Ethernet Cable?
➡ Advantages of Connecting Printer via Wired LAN

USB Connection

Connect the printer to a computer using a USB cable.



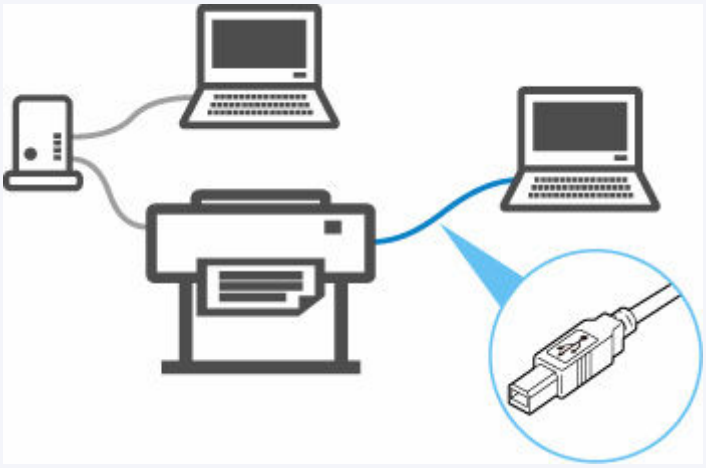
➡ What Is USB Cable?

In USB connection, the printer is connected one-on-one to the computer.

If your computer is connected to LAN, you can use the printer with other devices by enabling the sharing setting on your computer.

Note

- You can connect the printer to a computer via USB even when the printer is already connected to another one via wired LAN.



Important

- If you connect a device connected to the Internet via a wireless router to the printer that is in the wireless direct, the connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. Transmission fees for connecting to the Internet using a mobile data connection apply.

Connecting Smartphone/Tablet to Printer via Wireless Router

You can connect devices (e.g. smartphone, or tablet) to the printer by two methods below.

- Wi-Fi connection (connecting devices via a wireless router)
- Wireless Direct connection (connecting devices without using a wireless router)

This section describes Wi-Fi connection via a wireless router.

Follow the procedure below to connect via a wireless router.

1. Enable Printer's Wi-Fi connection
2. Connect Smartphones and Tablets to the Printer

Important

- Check the usage restrictions and change the printer LAN setting.
  - ➡ Restrictions
- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

Enable Printer's Wi-Fi connection

1. Flick HOME screen and tap **LAN settings**.
   - ➡ Home Screen Menu Composition
2. Tap **Wi-Fi**.
3. Check **Enable** is displayed in **Connection**.

   If **Connection** is displayed as **Disable**, follow the steps below to enable Wi-Fi.

   1. Tap **Settings**.
   2. Tap **Enable/disable Wi-Fi**.
   3. Tap **Enable**.

      The printer's Wi-Fi is enabled and you can connect the Wi-Fi you connected previously.

Connect Smartphones and Tablets to the Printer

- ➡ For Android device
- ➡ For iOS device

For Android device

1. Open "Settings" menu on your device.

2. Enable "Wi-Fi".

3. Select wireless router SSID you use from detected device list.

4. Enter wireless LAN router password.

   Your device is connected to the printer.

5. Start printing from application.

For iOS device

1. Open "Settings" menu on your device.

2. Enable "Wi-Fi".

3. Select wireless router SSID you use from detected device list.

4. Enter wireless LAN router password.

   Your device is connected to the printer.

5. Start printing from application.

Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)

You can connect devices (e.g. smartphone, or tablet) to the printer by two methods below.

- Wi-Fi connection (connecting devices using a wireless router)
- Wireless Direct connection (connecting devices without using a wireless router)

This section describes wireless direct, which allows you to print by connecting the devices to the printer directly.

Important

- Check the usage restrictions and switch the printer to the wireless direct.

  ➡ Restrictions

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- If a device has already been connected to the printer directly and you want to add a device to connect, connect it to the printer directly. You can connect up to 5 devices to the printer at the same time.

Connect with Wireless Direct

Change settings below to prepare for wireless direct.

- Printer's LAN settings

  ➡ Changing Printer Setting

- Settings of a device to connect

  ➡ Connecting Smartphone/Tablet to Printer

Changing Printer Setting

1. Make sure printer is turned on.

2. Flick HOME screen and tap **LAN settings**.

   ➡ Home Screen Menu Composition

3. Tap **Wireless Direct**.

4. Tap **Settings**.

5. Tap **Enable/disable Wireless Direct** and tap **Yes**.

6. Confirm displayed message and tap **OK**.

   After Wireless Direct is enabled, the identifier (SSID), etc. when using the printer with wireless direct connection are displayed.

By flicking the touch screen, you can check various settings of wireless direct.

Connecting Smartphone/Tablet to Printer

1. Turn on wireless communication on your device.

   Enable "Wi-Fi" on your device's "Setting" menu.

   For more on turning on wireless communication, see your device's instruction manual.

2. Select "DIRECT-XXXX-GP-NNNN" ("X" represents alphanumeric characters, NNNN means your printer model name.) from list displayed on device.

   Note

   - If "DIRECT-XXXX-GP-NNNN" does not appear on the list, wireless direct is not enabled.

     See Changing Printer Setting to enable wireless direct.

3. Enter password.

   Your device is connected to the printer.

   Note

   - Check the password for the wireless direct.

     1. Flick HOME screen and tap **LAN settings**.
     2. Tap **Wireless Direct**.
     3. Tap **Show password**.

   - Depending on the device you are using, entering the password is required to connect a device to the printer via Wi-Fi connection. Enter the password specified for the printer.
   - If your Wi-Fi Direct compatible device is set to prioritize using Wi-Fi Direct and it is connecting to the printer, the printer displays a confirmation screen asking if you allow the device to connect to the printer.

     Make sure the name on the touch screen is the same as that of your wireless communication device and tap **Yes**.

Changing Direct Connection Setting

Change the settings for the wireless direct following the procedure below.

1. Make sure printer is turned on.

2. Flick HOME screen and tap **LAN settings**.

   ➡ Home Screen Menu Composition

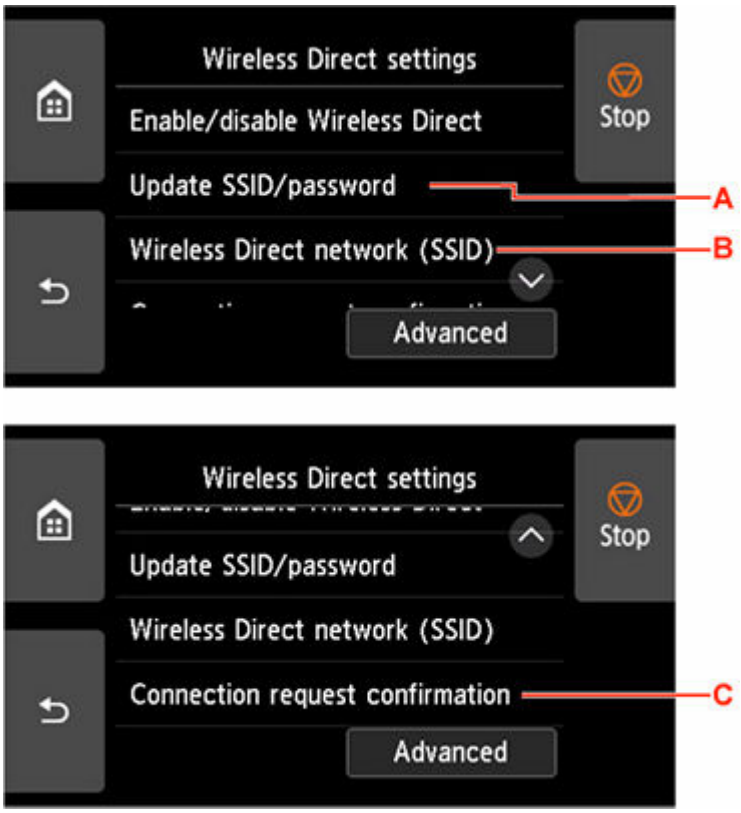
3. Tap **Wireless Direct**.

4. Tap **Settings**.

5. Change settings as necessary.

Note

- Tap **Advanced**, open the detailed settings of the network.
  ➡ LAN settings



- To update the identifier (SSID) and the password for wireless direct

  Tap A to display the confirmation screen. To update the identifier (SSID) and the password, tap **Yes**.

  To check the security setting and the updated password, tap **Yes** on the screen displayed next.

  To check the updated password, tap **Show password**.

- To change the printer's name displayed on the Wi-Fi Direct compatible device

  Tap B to display the printer's name (device name) displayed on a Wi-Fi Direct compatible device.

  Follow the procedure below to change the name.

  1. Tap touch screen.
  2. Enter device name (up to 32 characters).
  3. Tap **OK** to finish entering device name.
  4. Tap **OK** to finish specifying device name.

- To change the confirmation screen setting when a Wi-Fi Direct compatible device is connecting to the printer

  Tap C to display the confirmation screen. If you want the printer to display the screen to inform you a Wi-Fi direct compatible device is connecting to the printer, tap **ON**.

  Important

  - To prevent an unauthorized access, we recommend you should not change the setting from the default.

When you finished performing the settings, the printer returns to the **Wireless Direct settings** screen.

Note

- If you change the wireless direct setting of the printer, also change the wireless router setting of the device.

Default Network Settings

LAN Connection Defaults

Item	Default
Enable/Disable LAN	Wired LAN enabled
Network name (SSID)	BJNPSETUP
Communication mode	**Infrastructure**
Wi-Fi security	**Disable**
IP address (**IPv4**)	DHCP
IP address (**IPv6**)	Auto setup
Set printer name *1	XXXXXXXXXXXX
Enable/disable IPv6	**Enable**
Enable/disable WSD	**Disable**
Timeout settings	**15 minutes**
Enable/disable Bonjour	**Enable**
Service name	Canon GP-NNNN *2
LPR protocol settings	**Enable**
Wi-Fi DRX settings	**Enable**
Wired LAN DRX settings	**Enable**

("XX" represents alphanumeric characters.)

*1 Default value depends on printer. To check value, use operation panel.

➡ LAN settings

*2 NNNN means your printer model name.

Wireless Direct Defaults

Item	Default
Network name (SSID)	DIRECT-abXX-GP-NNNN *1
Password	YYYYYYYYYY *2
Wi-Fi security	**WPA2-PSK (AES)**
Connection request confirmation	Displayed

*1 "ab" is specified at random and "XX" represents last two digits of printer's wireless MAC address. NNNN means your printer model.

*2 The password is specified automatically when the printer is turned on for the first time.

Another Printer Found with Same Name

When the printer is found during setup, other printers with the same name may appear on the results screen.

Select a printer with checking the printer settings against those on detection result screen.

Check the printer's MAC address or serial to select the correct printer from the results.

Note

- Serial number may not appear on result screen.

Check the printer's MAC address and the serial number by one of the following methods.

- Display on the touch screen.
  - MAC address

    LAN settings
  - Serial number

    Refer to **Printer information** > **System information**.

    Printer information
- Print the network settings.

  Printing Network Settings

Connecting to Another Computer via LAN/Changing from USB to LAN Connection

For Windows:

To add a computer to connect to the printer on a LAN or to change from USB to LAN connection, perform setup using the Setup CD-ROM or from Setup Guide.

For macOS:

To connect an additional computer to the printer via LAN, or to change from USB to LAN connection, perform setup from Setup Guide.

Printing Network Settings

Use the operation panel to print the printer's current network settings.

Important

- The network settings printout contains important information about your network. Handle it with care.

1. Check that printer is turned on.
2. Load plain paper.

   - Loading the Upper Roll on the Printer
   - Loading the Lower Roll on the Roll Unit (Option)

   If you use sheets, prepare at least 11 sheets (A4 or Letter-sized).

   - Loading Sheets in the Printer

3. Select **Printer settings** on HOME screen.
4. Select **LAN settings**.
5. Select **Print details**.
6. Select **Yes** on displayed screen.
7. Select **Yes** or **No** on displayed screen.

   The printer starts printing network settings information.

Note

- You can also print the printer's network settings. Select **Printer settings** > **Test print** > **Print LAN details** > **Yes** > **Yes**.

The printed network settings information is as follows: (Some setting values are not displayed depending on the printer settings.)

Item	Description	Setting
LAN Setting	Basic setting information	-
Basic Info	IPv4 setting information (Wired LAN)	-
LAN Interface Mode	Current interface	Wired LAN/Wireless LAN(Infra)/Wireless LAN(AP)/Wireless(Direct connection)/Disabled
Link Active	Operation status	Active/Inactive

Gigabit Ethernet Settings	Communication speed and communication method when using Gigabit Ethernet	Auto/10M half duplex/10M full duplex/100M half duplex/100M full duplex/1G full duplex
IP Address	IPv4 IP address	XXX.XXX.XXX.XXX
Gateway Address	IPv4 default gateway	XXX.XXX.XXX.XXX
Subnet Mask	IPv4 subnet mask	XXX.XXX.XXX.XXX
IP Mode	Acquiring method of IPv4 IP address	Auto IP/DHCP/Manual
Use DNS Auto Mode	Acquiring DNS server automatically	On/Off
Primary DNS Server Address	Primary DNS server address	XXX.XXX.XXX.XXX
Secondary DNS Server Address	Secondary DNS server address	XXX.XXX.XXX.XXX
Control Filtering	SNMP filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IP Filtering Permission Address	IP filtering permission address	-
Start Address 1	Start address 1	XXX.XXX.XXX.XXX
End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off
Start Address 3	Start address 3	XXX.XXX.XXX.XXX
End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
IP Filtering Prohibit Address	IP filtering prohibit address	-

Start Address 1	Start address 1	XXX.XXX.XXX.XXX
End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off
Start Address 3	Start address 3	XXX.XXX.XXX.XXX
End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
LAN Setting	Basic setting information	-
Basic Info	IPv4 setting information (Wired LAN)	-
Control Filtering	SNMP filtering setting information	-
IP Filtering Prohibit Address	IP filtering prohibit address	-
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
Print Filtering	Print filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IP Filtering Permission Address	IP filtering permission address	-
Start Address 1	Start address 1	XXX.XXX.XXX.XXX
End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off

Start Address 3	Start address 3	XXX.XXX.XXX.XXX
End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
IP Filtering Prohibit Address	IP filtering prohibit address	-
Start Address 1	Start address 1	XXX.XXX.XXX.XXX
End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off
Start Address 3	Start address 3	XXX.XXX.XXX.XXX
End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
LAN Setting	Basic setting information	-
IPv6 Info	IPv6 setting information (Wired LAN)	-
Link Local Address	Link local address	-
IP Address	IPv6 IP address	XXXX:XXXX:XXXX:XXXX

		XXXX:XXXX:XXXX:XXXX
Prefix Length	Link local address prefix length	XXX (0 to 128)
Use Manual Mode	Operation status of IPv6 manual address	On/Off
Manual Address	Manual address	-
IP Address	IPv6 IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length	Prefix length	XXX (0 to 128)
Use Stateful Address Mode	Operation status of stateful address mode	On/Off
Stateful Address	Stateful address	-
IP Address	IPv6 IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length	Prefix length	XXX (0 to 128)
Stateless Address	Stateless address	-
IP Address 1	IP address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 1	Prefix length 1	XXX (0 to 128)
IP Address 2	IP address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 2	Prefix length 2	XXX (0 to 128)
IP Address 3	IP address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 3	Prefix length 3	XXX (0 to 128)
IP Address 4	IP address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 4	Prefix length 4	XXX (0 to 128)
Gateway Address	Gateway address	-
IP Address 1	IP address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 1	Prefix length 1	XXX (0 to 128)
IP Address 2	IP address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX

Prefix Length 2	Prefix length 2	XXX (0 to 128)
IP Address 3	IP address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 3	Prefix length 3	XXX (0 to 128)
IP Address 4	IP address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 4	Prefix length 4	XXX (0 to 128)
Use DNS Auto Mode	Acquiring DNS server automatically	On/Off
Primary DNS Server Address	Primary DNS server address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Secondary DNS Server Address	Secondary DNS server address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Control Filtering	SNMP filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IPv6 Filtering Permission Info	IPv6 filtering permission information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
LAN Setting	Basic setting information	-
IPv6 Info	IPv6 setting information (Wired LAN)	-
Control Filtering	SNMP filtering setting information	-
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX

IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off
IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
IPv6 Filtering Prohibit Info	IPv6 Filtering prohibit information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX

		XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off
IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
Print Filtering	Print filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IP Filtering Permission Info	IP filtering permission information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
LAN Setting	Basic setting information	-
IPv6 Info	IPv6 setting information (Wired LAN)	-
Print Filtering	Print filtering setting information	-
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX

IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off
IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
IPv6 Filtering Prohibit Info	IPv6 Filtering prohibit information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off
IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX

		XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
MAC Info	MAC address setting information (Wired/ Wi-Fi)	-
MAC Address(Wired)	MAC address (Wired LAN)	XX:XX:XX:XX:XX:XX
MAC Address(Wireless)	MAC address (Wi-Fi)	XX:XX:XX:XX:XX:XX
Use MAC Address Filtering	Operation status of MAC address filtering	On/Off
MAC Filtering Select	MAC address filtering method	Disabled/Enabled
MAC Filtering Permission Info	MAC filtering permission information	-
MAC Address 1	MAC address 1	XX:XX:XX:XX:XX:XX
MAC Address 2	MAC address 2	XX:XX:XX:XX:XX:XX
MAC Address 3	MAC address 3	XX:XX:XX:XX:XX:XX
MAC Address 4	MAC address 4	XX:XX:XX:XX:XX:XX
MAC Address 5	MAC address 5	XX:XX:XX:XX:XX:XX
LAN Setting	Basic setting information	-
MAC Info	MAC address setting information (Wired/ Wi-Fi)	-
MAC Filtering Prohibit Info	MAC filtering prohibit information	-
MAC Address 1	MAC address 1	XX:XX:XX:XX:XX:XX
MAC Address 2	MAC address 2	XX:XX:XX:XX:XX:XX
MAC Address 3	MAC address 3	XX:XX:XX:XX:XX:XX
MAC Address 4	MAC address 4	XX:XX:XX:XX:XX:XX
MAC Address 5	MAC address 5	XX:XX:XX:XX:XX:XX
Proxy Setting	Proxy server setting information	-
Use Proxy	Use proxy server	On/Off
Proxy Server Address	Proxy server address	XXXXXXXXXXXXXXXX (up to 128 characters)
Proxy Port Number	Proxy port specification	1 to 65535
Use User Authority Mode	Use user authority mode	On/Off
Proxy Server User Name	Proxy server user name	XXXXXXXXXXXXXXXX (up to 64 characters)

Wireless LAN Setting	Wi-Fi setting information	-
Channel	Channel (infrastructure)	XXX (0 to 255)
SSID	SSID	Wi-Fi (infrastructure) SSID (up to 32 characters)
Security Type	Security type for Wi-Fi (infrastructure)	Disabled/WEP 64bit/WEP 128bit/WPA PSK TKIP/WPA PSK AES/WPA2 PSK TKIP/WPA2 PSK AES/MIXED
WEP1	WEP key 1 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP2	WEP key 2 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP3	WEP key 3 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP4	WEP key 4 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP Certificate	WEP certificate for Wi-Fi (infrastructure)	Open/Shared/Auto
WEP Format	WEP format for Wi-Fi (infrastructure)	Hex/String
Direct Connection Setting	Wireless direct setting information	-
Device Name	Wireless direct device name	Wireless direct device name (up to 32 characters)
Channel	Channel (Wireless direct)	XXX (0 to 255)
SSID	SSID	Wireless direct network (SSID)(up to 32 characters)
Security Type	Security type for Wi-Fi (Wireless direct)	Disabled/WPA2 PSK TKIP/WPA2 PSK AES
WSD Setting	WSD setting information	-
Use WSD	Use WSD	On/Off
WSD Timeout	Timeout	1/5/10/15/20 [min]
Use WSD Rx Optimization	Use WSD reception optimization	On/Off
Protocol Setting	Protocol setting information	-
Printer Name	Printer name	XXXXXXXX (up to 16 characters)
Use LPR	Use LPR	On/Off
Use Wired DRX	Discontinuous reception (Wired LAN)	On/Off
Use Wireless DRX	Discontinuous reception (Wi-Fi)	On/Off
Use RAW	Use RAW	On/Off
Use LLMNR	Use LLMNR	On/Off

Use Spanning Tree	Use spanning tree	On/Off
Use Dedicated Port	Dedicated port setting	On/Off
SNMP Setting	SNMP setting information	-
Use SNMPv1	Use SNMPv1	On/Off
Use SNMPv3	Use SNMPv3	On/Off
SNMP Community Name1	SNMPv1 community name 1	XXXXXXXX (up to 32 characters)
SNMP Community Name2	SNMPv1 community name 2	XXXXXXXX (up to 32 characters)
SNMP Extra Access Authority	SNMPv1 extra access authority	Disable/Read Only/Read Write
SNMP Access Authority1	SNMPv1 community1/2 access authority	Disable/Read Only/Read Write
SNMP Access Authority2	SNMPv1 community1/2 access authority	Disable/Read Only/Read Write
SNMPv3 Setting	SNMPv3 setting information	-
User1	User 1	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Disable/Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
User2	User 2	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Disable/Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
User3	User 3	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Disable/Read Only/Read Write

Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
User4	User 4	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Disable/Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
User5	User 5	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Disable/Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
Dynamic DNS Setting	Dynamic DNS setting	-
IPv4	IPv4	-
Use Dynamic DNS	Operation status of Dynamic DNS	On/Off
Host Name	Host name	XXXXXXXX (up to 64 characters)
Domain Name	Domain name	XXXXXXXX (up to 254 characters)
IPv6	IPv6	-
Use Manual Address	DNS dynamic setting of manual address	On/Off
Use Stateless Address	DNS dynamic setting of stateless address	On/Off
Use Stateful Address	DNS dynamic setting of stateful address	On/Off
Use Name As IPv4	Use same host name/domain name as that used for IPv4	On/Off
Host Name	Host name	XXXXXXXX (up to 64 characters)
Domain Name	Domain name	XXXXXXXX (up to 254 characters)

SNTP Setting	SNTP setting information	-
Use SNTP	Use SNTP	On/Off
SNTP Polling Interval	SNTP polling interval	1 to 48 [hrs]
SNTP Server Name	SNTP server name	XXXXXXXX (up to 256 characters)
FTP Setting	FTP setting information	-
Use FTP	Use FTP	On/Off
Use FTP Authority	Use FTP authority	On/Off
FTP User Name	FTP user name	XXXXXXXX (up to 33 characters)
Bonjour Setting	Bonjour setting information	-
Use Bonjour	Use Bonjour	On/Off
Bonjour Service Name	Bonjour service name	Bonjour service name (Up to 49 alpha-numeric characters)
DHCP option settings	DHCP option settings	-
IPv4	IPv4	-
Acquire host name	Acquire host name	On/Off
DNS dynamic update	DNS dynamic update	On/Off
Acquire Domain Name	Acquire Domain Name	On/Off
IPv6	IPv6	-
Acquire host name	Acquire host name	On/Off
DNS dynamic update	DNS dynamic update	On/Off
Acquire Domain Name	Acquire Domain Name	On/Off
802.1X Setting	802.1X setting information	-
Authority Type	Enable/disable 802.1X and authority type	Do not use/EAP-TLS/EAP-TTLS/PEAP
EAP TTLS Type	Internal authority type for EAP-TTLS	MSCHAPv2/PAP
Weak Encryption Restriction	Weak encryption restriction	Do not restrict/Restrict
Weak Certificate Restriction	Weak certificate restriction	Do not restrict/Restrict
Login Name	Login name	XXXXXXXX (up to 97 characters)
User Name	User name	XXXXXXXX (up to 97 characters)
Server Name	Server name	XXXXXXXX (up to 43 characters)

Verify Authentication Server Name	Verify Authentication Server Name	On/Off
Verify Authentication Server Certificate	Verify Authentication Server Certificate	On/Off
IPsec Setting	IPsec setting information	-
Use IPsec	Use IPsec	On/Off
Phase2 Protocol	IPsec phase2 protocol	AH/ESP/AH & ESP
IPP Setting	IPP confirmation setting	-
Enable/disable IPP	Enable/disable IPP	Enable/Disable
Secure print	Secure print	Enable/Disable
Use IPP Authority	Use IPP authority	On/Off
IPP User Setting	IPP confirmation user setting	-
User1	User 1	-
User Name	User name	XXXXXXXX (up to 32 characters)
User2	User 2	-
User Name	User name	XXXXXXXX (up to 32 characters)
User3	User 3	-
User Name	User name	XXXXXXXX (up to 32 characters)
User4	User 4	-
User Name	User name	XXXXXXXX (up to 32 characters)
User5	User 5	-
User Name	User name	XXXXXXXX (up to 32 characters)
User6	User 6	-
User Name	User name	XXXXXXXX (up to 32 characters)
User7	User 7	-
User Name	User name	XXXXXXXX (up to 32 characters)
User8	User 8	-
User Name	User name	XXXXXXXX (up to 32 characters)
User9	User 9	-
User Name	User name	XXXXXXXX (up to 32 characters)

User10	User 10	-
User Name	User name	XXXXXXXX (up to 32 characters)
Email Setting	E-mail setting information	-
Retry Count	E-mail retry count	0 to 5
Retry Interval	E-mail retry interval	1 to 60 (min)
Use Email Notification	Use E-mail notification	On/Off
Use SSL	Use SSL	On/Off
Use SSL Cert No Check	Use SSL certification	On/Off
Use Mailbox Delete	Use mailbox delete	On/Off
SMTP Server Address	SMTP server address	XXXXXXXX (up to 256 characters)
SMTP Server Port No	SMTP server port number	0 to 65535
SMTP State	SMTP state	Invalid/Authorized/POP before SMTP
From Address	From address	XXXXXXXX (up to 128 characters)
To Address 1	To address 1	XXXXXXXX (up to 128 characters)
Reply Address 1	Reply address 1	XXXXXXXX (up to 128 characters)
Notice Conditions 1	Notice conditions 1	-
Job End	Job end	On/Off
Error Occurred	Error occurred	On/Off
Warning Occurred	Warning occurred	On/Off
Signature 1	Signature 1	XXXXXXXX (up to 128 characters)
To Address 2	To address 2	XXXXXXXX (up to 128 characters)
Reply Address 2	Reply address 2	XXXXXXXX (up to 128 characters)
Notice Conditions 2	Notice conditions 2	-
Job End	Job end	On/Off
Error Occurred	Error occurred	On/Off
Warning Occurred	Warning occurred	On/Off
Signature 2	Signature 2	XXXXXXXX (up to 128 characters)
RUI Setting	Remote UI setting information	-
Use RUI	Use Remote UI	On/Off

("XX" represents alphanumeric characters.)

Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection

- Changing LAN Connection Method
- Changing Wi-Fi Connection Method

Changing LAN Connection Method

Follow either procedure below to change LAN connection method (wired or wireless).

- **For Windows:**
  - Redo setup using the Setup CD-ROM or from Setup Guide.
  - Select **Enable** for **Enable/disable Wired LAN** or **Enable/disable Wi-Fi** in the touch screen menu.

    After that, perform settings on the **Network Settings** screen on IJ Network Device Setup Utility.

    For details, refer to "Performing/Changing Network Settings" > "Performing Network Settings" in IJ Network Device Setup Utility Guide.

    IJ Network Device Setup Utility Guide

- **For macOS:**

  Redo setup from Setup Guide.

Changing Wi-Fi Connection Method

Follow either procedure below to change Wi-Fi connection method (infrastructure or wireless direct).

- **For Windows:**
  - Redo setup using the Setup CD-ROM or from Setup Guide.
  - Perform settings on the **Network Settings** screen on IJ Network Device Setup Utility.

Important

- Before you perform settings using IJ Network Device Setup Utility, change the printer settings following the procedure below.

1. Select **LAN settings** on HOME screen.

   Home Screen Menu Composition

   If you specify the administrator password, enter the password.

2. Select **Wi-Fi**.

3. Select **Settings**.

4. Select **Wi-Fi setup**.

5. Select **Easy wireless connect**.

6. Check message and select **OK**.

   Follow instructions on your smartphone or tablet.

7. If message saying setup is completed appears, select **OK**.

- **For macOS:**

  Redo setup from Setup Guide.

Countermeasures against Unauthorized Access

This section describes countermeasures against an unauthorized access to the printer from outside. When you use the printer via a network or you are an administrator, we recommend you read this section before using the printer.

Four countermeasures below can be helpful against an unauthorized access.

- Specify a Private IP Address
- Restrict Communication Using Firewall or Wi-Fi Router
- Specify a Password for the Printer
- Apply higher security level for Wi-Fi connection

Note

- As the setting procedure described below is an example, it may be different from that of your printer. For details, refer to your printer's manual.

Specify a Private IP Address

An IP address is a numeric label assigned to each device on the network. There are two types of IP address. One is used for internet connection ("global IP address"), and the other is used for a local area network such as an inhouse LAN ("private IP address").

If a global IP address is specified for the printer, many and unspecified users on internet can access to the printer. As a result, you will face an increased risk of information leakage caused by an unauthorized access from outside. On the other hand, if a private IP address is specified for the printer, users who can access to the printer are confined to those on a local area network such as an inhouse LAN. Therefore, we recommend you specify a private IP address for the printer.

The range of addresses used as a private IP address is shown below. Make sure whether a private IP address is specified for your printer.

Range of private IP address

- 10.0.0.0 to 10.255.255.255
- 172.16.0.0 to 172.31.255.255
- 192.168.0.0 to 192.168.255.255

Procedure to check the IP address

Select **Setup** > **Device settings** > **LAN settings** on your printer to select a network connection method and check the IP address. For the procedure to check and specify the IP address, refer to your printer's manual.

Note

- Establishing an environment to protect an access from outside using a firewall can reduce a risk of an unauthorized access even though a global IP address is specified for your printer.

Restrict Communication Using Firewall or Wi-Fi Router

Firewall is a system which prevents an unauthorized access from an external network user to protect an inhouse network against attack or intrusion.

Firewall enables your network to be protected against an unauthorized access by restricting a communication from the specific external IP address which seems to have a risk.

A home use Wi-Fi router has a similar function. Be careful when you change the settings.

Specify a Password for the Printer

Even if a malicious third party accesses to your printer by any chance, you can reduce a risk of information leakage drastically by specifying a password to protect various information on your printer.

In addition, though the printer can be protected by specifying a password, it is important to manage the specified password for security. Manage your password referring to the four points below. For details, refer to your printer's manual.

- Be sure to change the default password.
- Change the password periodically.
- Do not use a password easy to guess for a third party.
- Do not tell a third party about the specified password casually.

Note

- A password is not specified for some printers at the time of purchase. In this case, specify the password for the printer.
- A password cannot be specified for some printers.

Password management using Remote UI (User Interface)

Remote UI is a software to access to the printer via a network by using a web browser. You can check the printer status or settings on Remote UI, which allows you to perform operations almost the same as those you can on the operation panel of the printer.

Entering the printer's IP address or host name on the web browser displays the portal page of Remote UI.

For the procedure to start up or operations of Remote UI, refer to your printer's manual.

Important

- Do not access to a website while you are using Remote UI on the web browser.

  In addition, be sure to close the web browser when you leave your seat before you finish performing settings, or when you have finished performing settings.

Apply higher security level for Wi-Fi connection

When you use the printer via Wi-Fi, we recommend you apply a security method with higher security level (e.g. WPA/WPA2).

For more on operations, refer to your printer's manual.

Network Status and Troubleshooting

Check the network status referring to LAN setting information on the touch screen.

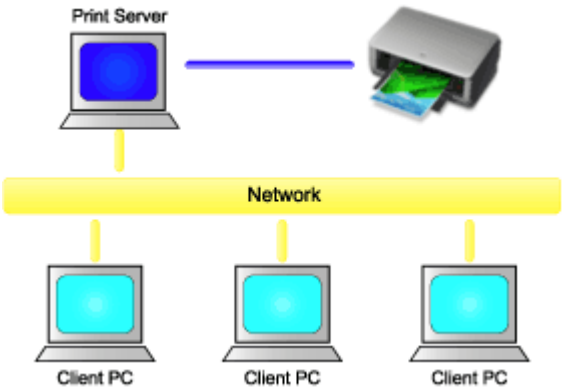
Printing Network Settings

Network Status	What to Do
Connected normally. If you are unable to print, see 1 on What to Do.	1. If you are unable to print, check the items below: • whether the computer is connected to Wi-Fi • whether the firewall of your security software is enabled • whether a privacy separator, SSID separator, or Network separation function is enabled on your wireless router If one of the above is enabled, disable it before setup. • whether the network name (SSID) of the printer (see "3-2-6" of network setting information printout) matches that of the router to connect 2. To change the network connection method (wired/wireless), change it on the printer's network setting screen.
Wi-Fi is disabled on the printer.	Perform printer setup following the instructions of the manual.
Wired LAN connection is disabled.	• Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly. If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router. • Make sure the network devices (e.g. hub or router) are turned on.
IP address is not assigned.	• If you specify the printer's IP address automatically, enable DHCP on the router. • If you specify the printer's IP address manually, the address is disabled because it is out of the valid range. You specified (0.0.0.0) as the IP address, for example. Specify the valid IP address.
The default gateway is not specified.	Check the items below to communicate by hopping routers (e.g. using a cloud application). • Make sure the device specified as the default gateway is turned on. • Specify the default gateway address correctly. To check the default gateway, print out the network settings information. **Note** • For some printers, you can check the default gateway on the operation panel.
Cannot connect to the specified network.	Check the status of the printer, network devices (e.g. wireless router), or smartphone/tablet. • If they are turned off, turn them on. • Make sure wireless signal is strong. Monitor signal status and move the printer and wireless router as necessary. • The security key specified for the wireless router may not match that you entered. The security key is case-sensitive.

	Enter the correct security key.
Make sure wireless signal is strong.	• Make sure the printer is not placed too far away from the wireless router. • Monitor signal status and move the printer and wireless router as necessary.
The number of connected clients reaches the upper limit.	• Wireless Direct does not allow more than 5 devices to be connected. If you add a device to connect, disconnect a device you do not use before adding the device.
The signal to noise ratio (S/N ratio) is low.	• There is a lot of noise from other devices. Move the printer apart from other devices.
A link local address is assigned.	• Perform printer setup again. • The security key specified for the wireless router may not match that you entered. The security key is case-sensitive. Enter the correct security key.
The specified network name (SSID) is left default value.	The network name (SSID) is not specified. Enter the network name (SSID) specified for the destination.

Sharing the Printer on a Network (Windows)

When computers are used in a network environment, documents can be printed from multiple computers that share a single printer.



- Setting Up a Shared Printer

  This section describes how to set up the print server and the client.

Note

- The Windows versions of the computers connected to the network do not necessarily have to be the same.

Related Topic

➡ Restrictions on Printer Sharing

Setting Up a Shared Printer

On the print server, set up sharing of the printer driver. Then from the client, set up the connection to the print server.

1. Install the printer driver on the print server system

2. Display the **Devices and Printers** window

   Select the **Control Panel** -> **Hardware and Sound** (**Hardware**) -> **Devices and Printers**.
   The **Devices and Printers** window is displayed.

3. Click the icon for the model name of printer to be shared

   Press the Alt key, and from the displayed **File** menu, select **Printer properties** -> **Sharing** tab.

   Important

   - When starting up the software and performing install or uninstall, a confirmation or warning dialog box may appear.
     This dialog box appears when administrative rights are required to perform a task.
     When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue.
     Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

4. Set sharing

   On the **Sharing** tab, check (or select) **Share this printer**, set the shared name as necessary, and then click **OK**.

5. If the print server and the client have different architectures (32 bit or 64 bit), install an additional driver

   1. Display the **Devices and Printers**, **Printers**, or **Printers and Faxes** window.
   2. Select the printer icon, click **Print server properties**, and select the **Drivers** tab.
   3. Click **Add...**.
   4. When the **Add Printer Driver Wizard** window is displayed, click **Next**.
   5. If the print server has a 32-bit architecture, select **x64**. If the print server has a 64-bit architecture, select **x86**. Then click **Next**.
   6. Click **Have Disk...**.
   7. In the **Install From Disk** window, open the "Driver" folder of the downloaded printer driver, specify the "inf" file, and click **OK**.

Note

- If the printer server is 32-bit, specify it as "xxxxxxx3.INF". If it is 64-bit, specify it as "xxxxxxx6.INF".

8. Select the printer to be used, and click **Next**.

Note

- If an error message is displayed, select the other printer.

9. Click **Finish**

The setup on the print server system is complete. Next, set up the client systems.

6. On the client, open Explorer, and double-click the icon of the printer to be shared

7. Follow the window instructions, and install the printer driver

The setup on the client system is complete.
Even when you perform the setup on a different client, follow the same steps 6 and 7.

Restrictions on Printer Sharing

These are restrictions that apply when you are using a printer in a network environment. Check the restrictions for the environment you are using.

Restriction on setting up printer sharing

- If "ntprint.inf" is requested when you install the driver from **Add Printer**, specify the file as follows:
  1. Start Explorer on the print server and on the client with the different architecture, paste the following path in the address bar, and press Enter on the keyboard:
     %windir%\system32\driverstore\
  2. Right-click the **FileRepository** folder, and click **Properties**.
  3. On the **Sharing** tab, click **Share**.
  4. In the message window displayed on the print server, specify "ntprint.inf_xxxxxxxx" in the folder that was shared in step 3, and click **OK**.
     If there are multiples copies, select the file with the latest update date and time.

Restrictions on sharing and using a printer

- A print completion message may be displayed. To disable the message display, follow the procedure below.
  1. In the **Control Panel** -> **Hardware and Sound** (**Hardware**) -> **Devices and Printers** window of the client system, select the printer, and click **Print server properties** on the command bar.
  2. Uncheck **Show informational notifications for network printers** on the **Advanced** tab, and then restart the computer.
- The bi-directional communication function is disabled and the correct printer status may not be recognized.
  If a client user opens the printer driver properties and then clicks **OK** with the **Enable bidirectional support** check box cleared on the **Ports** tab, the bidirectional communication function of the print server may also be disabled.
  In this case, check **Enable bidirectional support** check box on both the print server system and the client system.
- When you print from a client system, the following functions cannot be used.
  - The **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab
- When the functions on the **Device Settings** tab cannot be set properly from a client system, they may be grayed out. In this case, change the settings from the print server.
  When you change the settings of the print server, you should delete the icon of the shared printer from the client system, and then specify the shared settings again in the client system.
- If the same driver installed on the print server is also installed on the client, the network printer icon may be created automatically.
- If an error occurs when you print a document on a shared printer from a client, the error message of the Canon IJ status monitor is displayed on both the client and the print server. If a document is printed out normally, the Canon IJ status monitor is displayed only on the client.

Adjustments for Better Print Quality

- **Adjusting the Print Head**
  - Adjusting the Print Head
  - Troubleshooting Paper Abrasion and Blurry Images
- **Adjusting Feed Amount**
  - Adjusting Feed Amount
  - Adjusting Vacuum Strength

Adjusting the Print Head

- Adjusting the Print Head
- Troubleshooting Paper Abrasion and Blurry Images

Adjusting the Print Head

If printed documents are affected by the following problems, try adjusting the print head.

- **If printing is faint or affected by banding in different colors**

  Execute **Nozzle Check** in the touch screen menu to check for print head nozzle clogging.

  ➡ Checking for Nozzle Clogging

- **If printed vertical lines are warped or colors are out of alignment**

  Execute **Print Head Alignment** in the touch screen menu to adjust the print head position.

  First, execute **Auto (standard)** of **Print Head Alignment**. If the print result is not improved, execute **Auto (advanced)** or **Manual**.

  ➡ Automatic Adjustment to Straighten Lines and Colors
  ➡ Manual Adjustment to Straighten Lines and Colors

- **If paper rubs against the print head, or image edges are blurred**

  Setting **Head height** in the touch screen menu and changing the height of the print head may improve the situation.

  ➡ Troubleshooting Paper Abrasion and Blurry Images

Automatic Adjustment to Straighten Lines and Colors

If printed vertical lines are warped or colors are out of alignment, execute **Print Head Alignment** and adjust the print head position.

Choose from **Auto (standard)** or **Auto (advanced)** for automatically adjusting the print head.

Minor warping and misaligned colors can usually be improved by executing **Auto (standard)**. If there is no improvement, perform **Auto (advanced)** or **Manual**.

➡ Manual Adjustment to Straighten Lines and Colors

When you execute **Auto (standard)** or **Auto (advanced)**, the adjustment pattern is printed, and the print head position is adjusted based on the printing result automatically.

Important

- 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.
- This function is not available with Tracing Paper, Translucent Matte Film, or Clear Film.

Note

- After print head replacement, we recommend executing **Print Head Alignment**. When **Print pattern after new head** is set to **ON**, print head position adjustment is automatically executed after print head replacement.
- To change the paper type or for more beautiful color borders, perform **Auto (standard)**.
- To ensure clear quality and when replacing the print head, perform **Auto (advanced)** to fine-tune the position between nozzles and colors. To ensure high-quality printing, we recommend that you execute **Auto (advanced)**.
- If adjustment is not possible as expected using special paper, try another type of paper or try **Manual** adjustment.

  ➡ Manual Adjustment to Straighten Lines and Colors

Paper to Prepare

When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

When using sheets

Auto (standard): Three sheets of unused paper, A4/Letter size or larger (or one sheet when using A2 or larger)

Auto (advanced): Five sheets of unused paper, A4/Letter size or larger (or one sheet when using A2 or larger)

Perform adjustment as follows.

1. Load paper.

   - Loading the Upper Roll on the Printer
   - Loading the Lower Roll on the Roll Unit (Option)
   - Loading Sheets in the Printer

   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. Tap **Maintenance** on HOME screen.

   - Home Screen Menu Composition

   The **Maintenance** screen appears.

3. Tap **Print Head Alignment**.

4. Tap **Auto (standard)** or **Auto (advanced)**.

   A confirmation message appears.

5. Tap **Yes**.

   The paper source setting screen appears.

6. Tap **Roll paper 1**, **Roll paper 2** or **Manual**.

   A test pattern is printed for adjustment.

   Note

   - If you are printing on sheets smaller than A2 size, a confirmation message prompting you to continue printing appears on the touch screen. Tap **Yes** and follow the instructions on the touch screen.

Manual Adjustment to Straighten Lines and Colors

If printed vertical lines are warped or colors are out of alignment, execute **Print Head Alignment** and adjust the print head position.

Normally, execute **Auto (standard)**.

➡ Automatic Adjustment to Straighten Lines and Colors

However, when printing on special paper or if printing is not improved after **Auto (advanced)**, try **Manual**.

Manual adjustment requires you to examine the printed test pattern and enter an adjustment value.

Important

- 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.

Paper to Prepare

When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

When using sheets

Three sheets of unused paper, A4/Letter size or larger (or one sheet when using A2 or larger)

Perform adjustment as follows.

1. Load paper.

   ➡ Loading the Upper Roll on the Printer
   ➡ Loading the Lower Roll on the Roll Unit (Option)
   ➡ Loading Sheets in the Printer

   ### 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. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

   The **Maintenance** screen appears.

3. Tap **Print Head Alignment**.

4. Tap **Manual**.

   A confirmation message appears.

Note

- If you do not execute **Auto (advanced)**, a confirmation message prompting you to execute **Auto (advanced)** appears. In this case, tap **Yes** and execute **Auto (advanced)**.

5. Tap **Yes**.

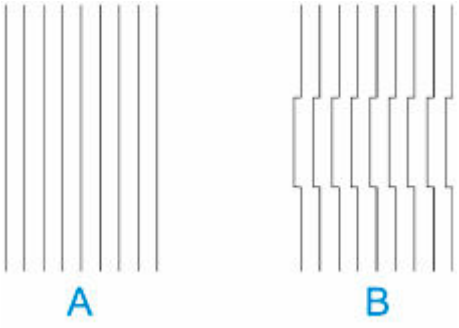
   The paper source setting screen appears.

6. Tap **Roll paper 1**, **Roll paper 2** or **Manual**.

   A test pattern is printed for adjustment.

7. Tap D-1.

8. Examine adjustment test pattern D-1 and determine the number with straight lines.



A: Example with straight lines
B: Example with misaligned lines

Note

- 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.

9. Repeat steps 7-8 to specify adjustment values for D-2 and other remaining patterns.

   Specify all the items displayed on the touch screen.

10. Tap **OK**.

    The adjustment value is now registered, and adjustment is complete.

Troubleshooting Paper Abrasion and Blurry Images

The print head height setting affects printing quality.

Specifying a low print head height makes images clearer and enhances printing quality but may cause paper to rub against the print head.

On the other hand, specifying a high print head height will prevent paper from rubbing against the print head but may reduce the printing quality.

Important

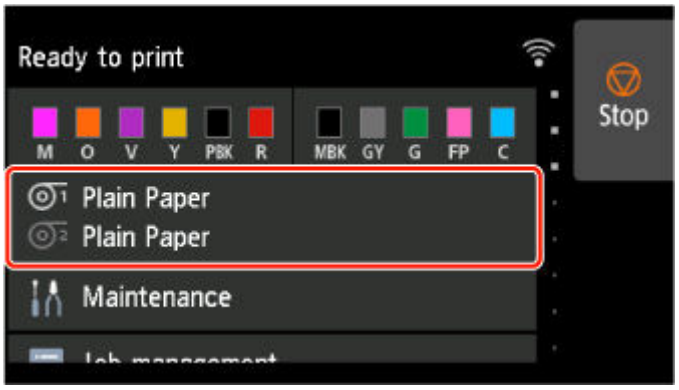
- Paper rubbing against or becoming caught on the print head may jam or result in printed documents that are soiled.

Note

- Raise or lower print head, depending on nature of the problem.
  - Paper rubs against the Print Head
  - The edges of the paper are dirty
  - Image edges are blurred or white banding occurs

1. Tap paper setting display area on HOME screen.

   Home Screen Menu Composition



   The **Paper information** screen appears.

2. Select paper source for setting height of print head and tap **Paper settings**.

   The **Paper settings** screen appears.

3. Tap **Advanced**.

   The **Advanced paper settings** screen appears.

4. Tap **Head height**.

5. Select and tap the setting.

Note

- When set to **Auto**, the printer automatically adjusts the print head height during printing to the level optimal for the ambient temperature and humidity. You can check the setting for the previous print job in **Values applied with auto settings**.

  Printer information

- When the setting other than **Auto** is selected, the setting selected during this procedure is applied.
- Depending on the type of paper, some setting values may not be available.

Adjusting Feed Amount

- Adjusting Feed Amount
- Adjusting Vacuum Strength

Adjusting Feed Amount

- Selecting Feed Amount Adjustment Method
- Automatic Banding Adjustment
- Manual Banding Adjustment
- Fine-Tuning Paper Feed Amount
- Adjusting Line Length

Selecting Feed Amount Adjustment Method

There are two methods of adjusting the paper feed amount, **Prioritize print quality** and **Prioritize length accuracy**, either of which will be applied during printing.

Since the method that is applied during printing is determined from the value of the **Set priority** setting, configure **Set priority** to match the print target.

Follow the procedure below to perform settings.

1. Tap **Maintenance** on HOME screen.

   Home Screen Menu Composition

2. Tap **Paper feed adjustment**.

3. Tap **Set priority**.

4. Tap paper to adjust.

5. Tap setting.

   Auto

   Prioritize print quality will be selected when **Print Target** is set from the printer driver.

   Prioritize print quality

   Adjusts the feed amount to reduce banding across the sheet in printed documents. **Adjust print quality** settings are applied.

   When **Paper feed fine adjustment** is executed, the **Paper feed fine adjustment** settings are applied in addition to the **Adjust print quality** settings.

   Prioritize length accuracy

   Adjusts the feed amount for better accuracy of lines in printed documents. The value of **Change adjustment values** in **Adjust feed length** is applied.

6. Tap **OK**.

Automatic Banding Adjustment

If printed images are affected by banding in different colors across the sheet, execute **Adjust print quality** for automatic adjustment of the paper feed amount.

The printer prints and reads a test pattern for automatic adjustment of the feed amount.

Important

- When using highly transparent media, use manual adjustment.
  - Manual Banding Adjustment

Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Set priority** values.
  - Selecting Feed Amount Adjustment Method
- If additional fine-tuning is necessary, execute **Paper feed fine adjustment**.
  - Fine-Tuning Paper Feed Amount
- Use **Adjust feed length** to ensure that lines in CAD drawings are printed at exactly the right length.
  - Adjusting Line Length
- 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

One sheet of unused paper of at least A4/Letter size

Follow the procedure below to adjust.

1. Load paper.
   - Loading the Upper Roll on the Printer
   - Loading the Lower Roll on the Roll Unit (Option)
   - Loading Sheets in the Printer
2. Tap **Maintenance** on HOME screen.
   - Home Screen Menu Composition
3. Tap **Paper feed adjustment**.
4. Tap **Adjust print quality**.
5. Tap **Auto**.

6. Tap paper to adjust.

   A test pattern is printed for adjustment and adjustment is finished.

Manual Banding Adjustment

If printed images are affected by banding in different colors, execute **Adjust print quality** for adjustment of the paper feed amount.

Use manual adjustment with highly transparent media.

Manual adjustment requires you to enter an adjustment value after a test pattern is printed.

Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Set priority** values.

  ➡ Selecting Feed Amount Adjustment Method
- If additional fine-tuning is necessary, execute **Paper feed fine adjustment**.

  ➡ Fine-Tuning Paper Feed Amount
- Use **Adjust feed length** to ensure that lines in CAD drawings are printed at exactly the right length.

  ➡ Adjusting Line Length

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

Follow the procedure below to adjust.

1. Load paper.

   ➡ Loading the Upper Roll on the Printer
   ➡ Loading the Lower Roll on the Roll Unit (Option)
   ➡ Loading Sheets in the Printer

   ### 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. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

3. Tap **Paper feed adjustment**.

4. Tap **Adjust print quality**.

5. Tap **Manual**.

6. Tap paper to adjust.

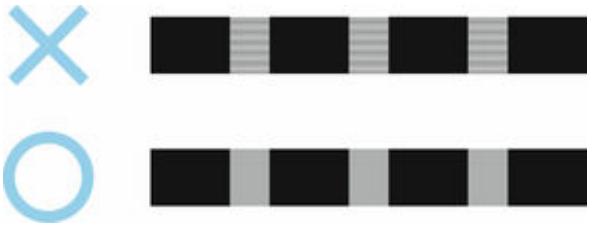
   Test pattern A is printed for manual adjustment.

   Note

   - When printing on sheets, follow the instructions on the screen and remove the sheet.

7. Examine test pattern A for adjustment.

   Determine 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.

8. Tap number you decided.

   Test pattern B is printed for manual adjustment.

   Note

   - If you printed test pattern A on a sheet, follow the instructions on the screen and use another sheet of the same type of paper. Additionally, after test pattern B is printed, follow the instructions on the screen and remove the sheet.

9. Examine test pattern B for adjustment. Determine pattern in which banding is least noticeable.

10. Tap number you decided.

    The adjustment value is now registered, and adjustment is complete.

Fine-Tuning Paper Feed Amount

If the contrast is uneven or banding in different colors appears at 30 mm (1.2 in) intervals in printed documents, try executing **Paper feed fine adjustment** during printing to fine-tune the feed amount.

Note

- The **Paper feed fine adjustment** menu is only displayed during printing. Additionally, it is displayed when you have selected **Auto** or **Prioritize print quality** in **Set priority** in **Paper feed adjustment**.
- Always execute **Adjust print quality** before **Paper feed fine adjustment**. Once you execute **Adjust print quality**, the **Paper feed fine adjustment** value will revert to 0.

  - Automatic Banding Adjustment
  - Manual Banding Adjustment

Follow the procedure below to adjust.

1. Tap **Maintenance** on HOME screen.

   - Home Screen Menu Composition

2. Tap **Paper feed fine adjustment**.

3. Tap value.

   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 feed length** to adjust the amount that paper is advanced.

There are two options in **Adjust feed length** : **Print alignment pattern** and **Change adjustment values**.

Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Set priority** values before adjustment.

  ➡ Selecting Feed Amount Adjustment Method

Items to Prepare

When Using Rolls

- An unused roll at least 254.0 mm (10.00 in) wide
- High-precision ruler

When Using Sheets

- One sheet of unused paper of at least A4/Letter size
- High-precision ruler

Follow the procedure below to adjust.

1. Load paper.

   ➡ Loading the Upper Roll on the Printer
   ➡ Loading the Lower Roll on the Roll Unit (Option)
   ➡ Loading Sheets in the Printer

   ## 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. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

3. Tap **Paper feed adjustment**.

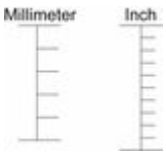
4. Tap **Adjust feed length**.

5. Tap **Print alignment pattern** or **Change adjustment values**.

   - If you tap **Print alignment pattern**:

     The 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.



- If you tap **Change adjustment values**:

  No test pattern is printed.

  Instead, you will measure a document already printed to determine the discrepancy.

6. Tap amount of discrepancy.

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.

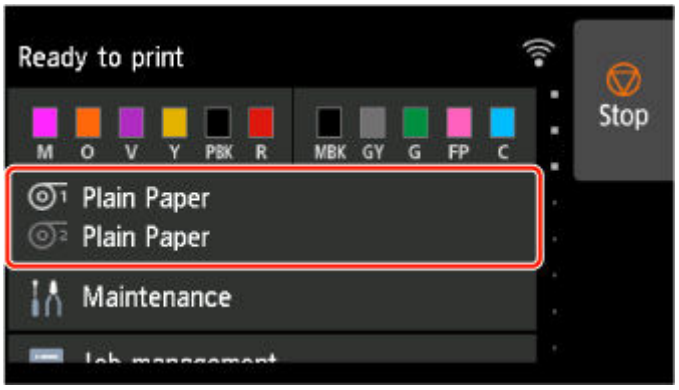
Adjusting Vacuum Strength

When printing on heavyweight paper or paper that curls or wrinkles easily, if the Print head 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 Print head may jam or result in printed documents that are soiled.

1. On the HOME screen, tap paper information area.



2. Select paper source and tap **Paper settings**.
3. Tap **Advanced**.
4. Tap **Transport unit vacuum strength**.
5. Tap vacuum strength.

Color Management

Color Calibration

- Managing Colors
- Performing Color Calibration
- Adjustment Types of Color Calibration

Color Calibration

- Managing Colors
- Performing Color Calibration
- Adjustment Types of Color Calibration

Managing Colors

Color management (color calibration) corrects for variations in color tones due to differences between printers and aging, and obtains continuously stable corrected color tones.

The color tones of this printer can be corrected by executing color calibration.

If you have multiple printers, you can make the color tones of the printers the same by executing color calibration on each of the printers.

Execute Color Calibration

Executing color calibration improves color consistency by compensating for slight differences in how color appears due to individual variations or aging among the printers.

You can use the operation panel to enable or disable the color calibration adjustment values, view the calibration status, and configure notifications when color calibration needs to be executed.

You can also execute color calibration from Device Management Console.

See the following for details.

➡ Device Management Console Guide

Checking When to Execute Color Calibration

You can use the progress bar on the computer screen to determine when to execute color calibration.

Use Device Management Console to view when to execute color calibration.

See the following for details.

➡ Device Management Console Guide

Checking Color Calibration Execution Logs

You can check the paper name and the date and time which color calibration was executed for each media type.

Use Device Management Console to view color calibration execution logs.

See the following for details.

➡ Device Management Console Guide

Centrally Managing Multiple Printers

You can view the status of multiple network- and USB-connected printers.

You can also set up email notification if printer warnings or errors occur.

Use Device Management Console to manage the printers.

See the following for details.

➡ Device Management Console Guide

Using Paper Other Than Canon Genuine Paper

To execute color calibration for paper other than Canon genuine paper, you must create and register dedicated media information.

To register this media information, use Media Configuration Tool.

See the following for details.

➡ Media Configuration Tool Guide

Performing Color Calibration

Color calibration improves color consistency by compensating for slight differences in how color appears when printing due to individual variations or aging among the printers.

Executing color calibration will print a test pattern (built into the printer) that is then read automatically by the printer.

By this operation, calibration adjustment values reflecting the print result of the test pattern are set automatically.

Important

- To increase the color stability precision when executing color calibration, maintain a constant temperature and humidity environment each time within the range of temperatures of 59 to 86°F (15 to 30°C) and within the range of humidities of 40 to 60%.

  Executing color calibration under various temperature and humidity conditions may prevent the printer from making the correct adjustments.
- Before color calibration, ensure the printer is not exposed to direct sunlight or other strong sources of light.

  If the printer is exposed to strong sources of light, correct adjustment may not be possible.

Recommend Timing for Color Calibration

We recommend color calibration in the following situations.

- After initial printer installation
- After print head replacement
- If colors seem different from before, despite using the same printing environment, under the same conditions
- To print with colors aligned from multiple printers
- When the execution guide is displayed

Executing Color Calibration

Paper size that can be used for color calibration

When using rolls

Roll at least 10.00 in. (254.0 mm) wide

When using sheets

Sheet of A4/Letter size or larger

Execute color calibration using the following procedure.

1. You can confirm whether the paper to be loaded can be used in color calibration.

   ➡ Paper Information List

2. Load paper.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

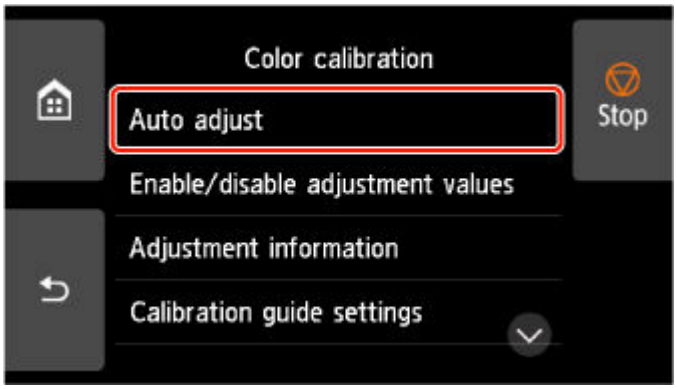
3. Tap **Maintenance** on HOME screen.

   - Home Screen Menu Composition

   The **Maintenance** screen appears.

4. Tap **Color calibration**.

5. Tap **Auto adjust**.



   A confirmation message appears.

Note

- For details about menu items other than **Auto adjust**, see Other Menu Items.

6. Tap **Yes**.

   The paper source setting screen appears.

7. Tap **Roll paper 1**, **Roll paper 2** or **Manual**.

   After the paper is confirmed, and color calibration is executed, the calibration adjustment value is set automatically.

Other Menu Items

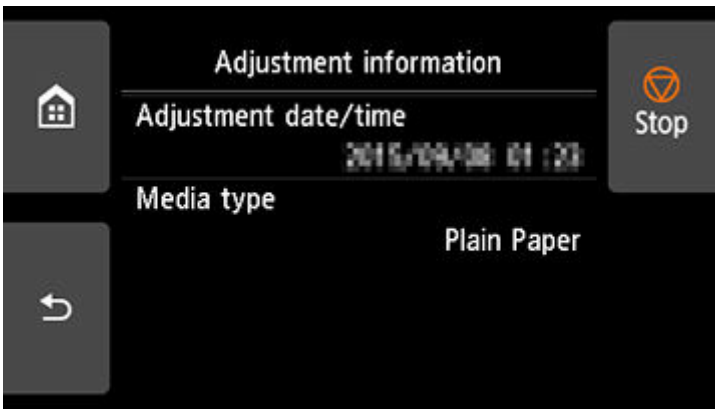
- **Enable/disable adjustment values**

  You can select whether to apply the calibration adjustment value when printing.

  However, for settings that differ from **Calibration Value** of the printer driver, the values specified in the printer driver take priority.

- **Adjustment information**

  You can confirm the color calibration adjustment date/time and the executed media type.



- **Calibration guide settings**

  You can select whether to display a message asking to execute color calibration on the touch screen in the following situations.

  - When a new print head has been installed
  - When a certain amount of printing has been executed after color calibration is executed
  - When the data of color calibration has been initialized

- **Reset adjustment values**

  Clear the color calibration adjustment value and the adjustment information.

Adjustment Types of Color Calibration

Adjustment Types of Color Calibration

Color calibration allows you to adjust colors for each media type.

There are two adjustment types: common calibration and unique calibration. The appropriate type depends on the media type being used.

For details on whether or not color calibration can be executed and the adjustment types for various types of paper, see Paper Information List.

Features

Common Calibration

When you calibrate Canon genuine paper using common calibration, the results are also applied to any other media types for which calibration has not yet been executed.

This allows you to use multiple media types quickly because it is not necessary to execute color calibration for each media type.

- If color calibration is executed on a media type categorized as common calibration, new common calibration adjustment values are set.
  - New common calibration adjustment values are set for paper for which color calibration has not been performed.
  - New common calibration values are not overwritten for media types for which color calibration has already been performed. The current calibration adjustment values take priority.

The common calibration adjustment values apply to all print qualities.

Unique Calibration

When you calibrate a media type using unique calibration, only the selected paper is adjusted. Other media types are not affected.

- If color calibration is executed on a media type categorized as unique calibration, new unique calibration adjustment values are set specifically for the paper.

Note

- If color calibration has not been executed, any newly set common calibration values will be applied.

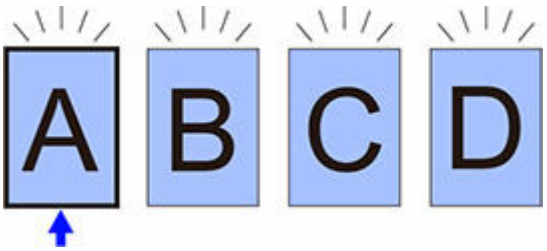
Note

- If the paper being used does not support color calibration, execute color calibration for a media type categorized as common calibration in advance. The common calibration adjustment values even apply to the paper being used.

Example: Execute color calibration with the default settings

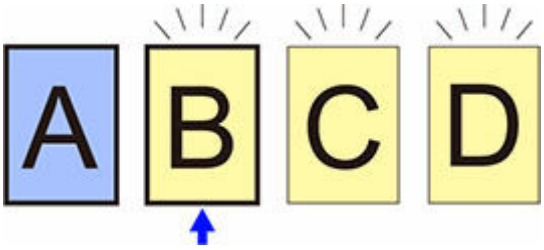
The following describes adjusting media types A to D. A, B and D use common calibration, and C uses unique calibration.

- First: Execute color calibration with media type A (categorized as common calibration)



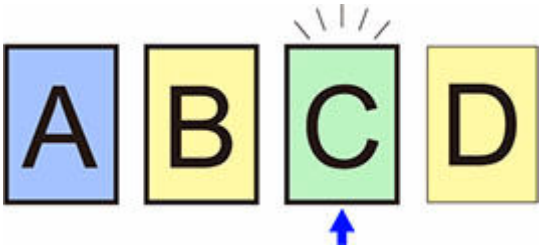
◦ The calibration adjustment value of media type A is also applied to B to D for which color calibration has not been performed.

- Second: Execute color calibration with media type B (categorized as common calibration)



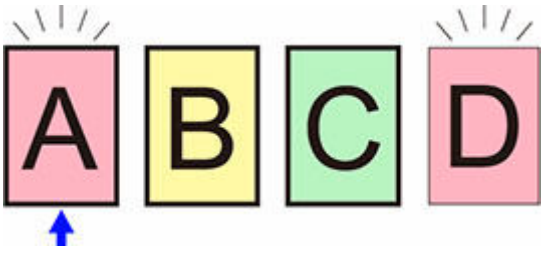
◦ The calibration adjustment value of media type B is also applied to C and D for which color calibration has not been performed.
◦ Media type A is not changed from the first directly set adjustment value.

- Third: Execute color calibration with media type C (categorized as unique calibration)



◦ The calibration adjustment value of media type C is set.
◦ Media types A, B and D are all unchanged from their current calibration values.

- Fourth: Execute color calibration again with media type A (categorized as common calibration)



◦ The calibration adjustment value of media type A is also applied to media type D for which color calibration has not been performed.
◦ Media types B and C are unchanged from their current calibration values.

Note

- You can confirm the currently applied calibration adjustment date and the executed paper type with **Adjustment information** in **Color calibration** on the touch screen menu.

➡ Performing Color Calibration

Maintenance and Consumables

- **Ink Tanks**
  - Ink Tanks
  - Replacing Ink Tanks
  - Checking Ink Tank Levels
  - When to Replace Ink Tanks
- **Print Head**
  - Print Head
  - Checking for Nozzle Clogging
  - Cleaning the Print Head
  - Replacing the Print Head
- **Maintenance Cartridge**
  - Maintenance Cartridge
  - Replacing the Maintenance Cartridge
  - Checking the Remaining Maintenance Cartridge Capacity
  - When to Replace the Maintenance Cartridge
- **Cutter Blade**
  - Cutter Blade
  - Replacing the Cutter Blade
- **Performing Maintenance Functions from Your Computer (Windows)**
  - Cleaning the Print Heads
  - Printing a Nozzle Check Pattern
- **Performing Maintenance Functions from Your Computer (macOS)**
  - Opening Remote UI for Maintenance
  - Cleaning the Print Heads
  - Printing a Nozzle Check Pattern
- **Cleaning the Printer**

- Cleaning the Printer Exterior
- Cleaning Inside the Top Cover
- Cleaning the Roll Unit
- Cleaning the Print Head

Other Maintenance

- Preparing to Transfer the Printer
- Reinstalling the Printer
- Firmware update

Ink Tanks

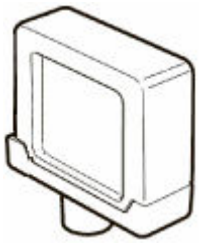
- Ink Tanks
- Replacing Ink Tanks
- Checking Ink Tank Levels
- When to Replace Ink Tanks

Ink Tanks

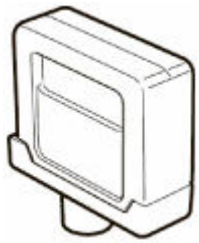
The printer supports the following ink tanks.

When purchasing, check the Model number.

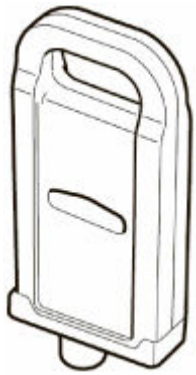
- 160 ml (5.4 fl oz)



- 330 ml (11.2 fl oz)



- 700 ml (23.7 fl oz)



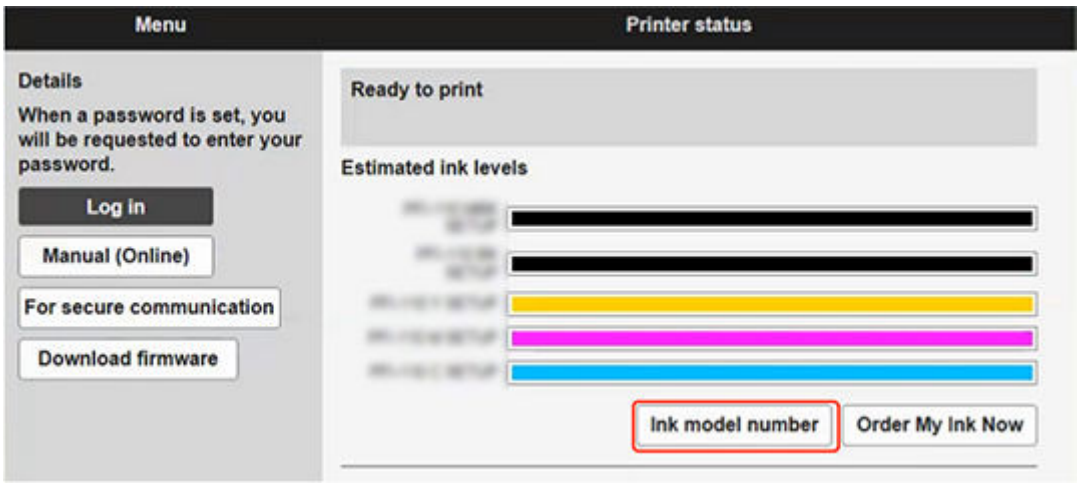
Checking Ink Model Number

Checking Using Web Browser

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Ink model number**.



The type and number of inks displayed will vary depending on the printer you are using.

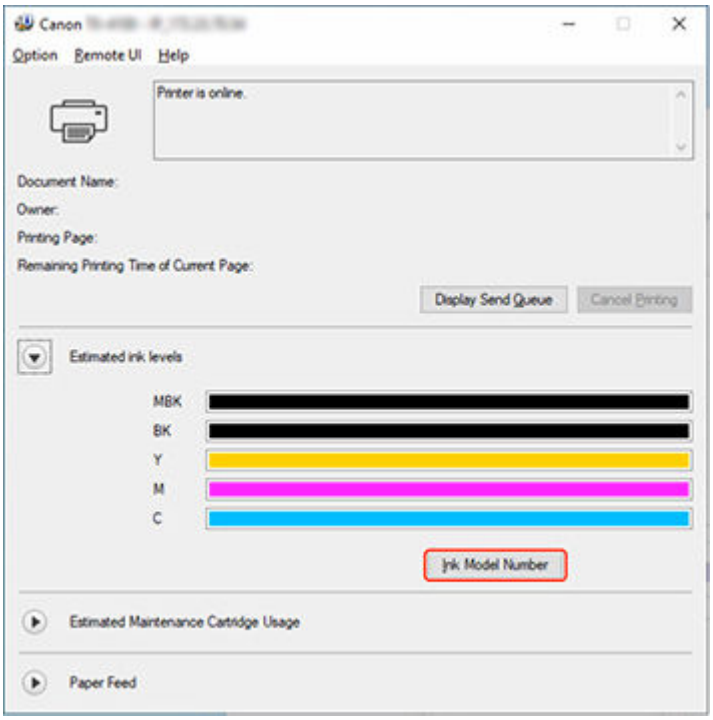
Checking Using Canon IJ Status Monitor (Windows)

1. Start up Canon IJ Status Monitor.

   ➡ Canon IJ Status Monitor

2. Click **Estimated ink levels**.

3. Click **Ink Model Number** information.



The type and number of inks displayed will vary depending on the printer you are using.

Note

- For instructions on replacing the ink tanks, see Replacing Ink Tanks.

Replacing Ink Tanks

Compatible Ink Tanks

For details on compatible ink tanks, see Ink Tanks.

You can replace ink tanks in 5.4 fl oz (160 ml), 11.2 fl oz (330 ml), and 23.7 fl oz (700 ml) capacities.

Note

- Depending on the color, you can also use an ink tank with a different capacity.

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.

Important

- There may be ink around the ink holes of an ink tank you removed. Handle the ink tanks carefully during replacement. The ink may stain clothing.
- Do not install ink tanks used in this printer in another 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

If a message indicates you should replace an ink tank, check the message details and go to step 2.

1. Selecting Ink Tank Replacement from Menu
2. Removing Ink Tanks
   - ➡ Removing ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))
   - ➡ Removing ink tank (23.7 fl oz (700 ml))
3. Loading New Ink Tanks
   - ➡ Loading ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))
   - ➡ Loading ink tank (23.7 fl oz (700 ml))

Important

- Do not remove an ink tank during initialization immediately after turning on the printer, or during print head cleaning. Ink may leak out.

Note

- Ink tank replacement is possible even during printing, when print jobs are being canceled, or when paper is being advanced.

Selecting Ink Tank Replacement from Menu

1. Tap ink display area on HOME screen.

   Home Screen Menu Composition

   The **Current estimated ink levels** screen appears.

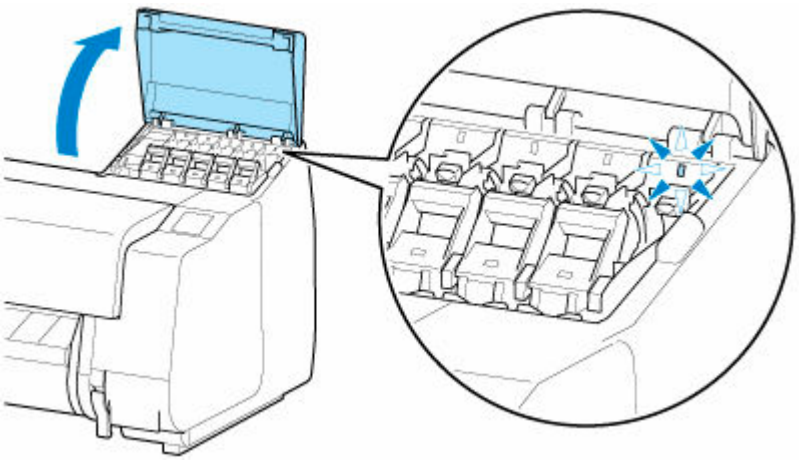
2. Tap **Replace**.

   Instructions for the ink tank replacement procedure appear on the touch screen.

Removing ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))

1. Open ink tank cover and check ink lamp.

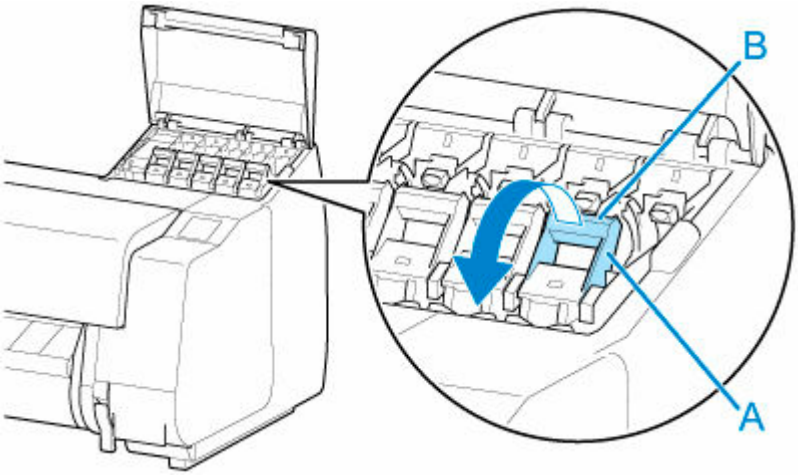
   The ink lamp flashes if there is no ink left.



Important

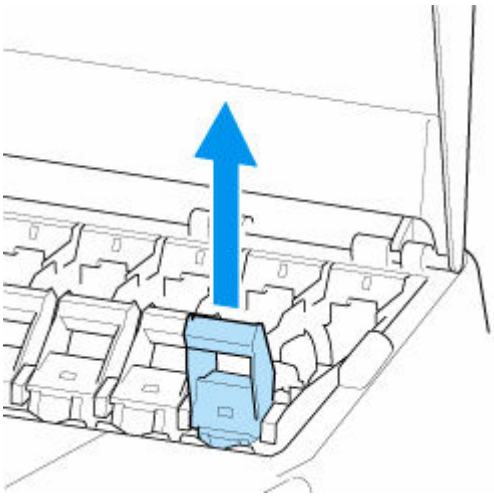
- Avoid jarring the printer a lot when replacing an ink tank. Handle the printer gently when replacing tanks. Jarring the printer during printing may affect printing quality.

2. Pull forward handle part (A) of ink tank lock lever of color to replace while pressing button at B.

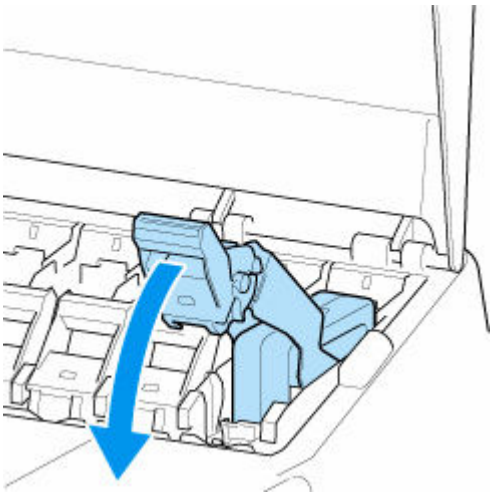


3. Pull out ink tank lock lever.

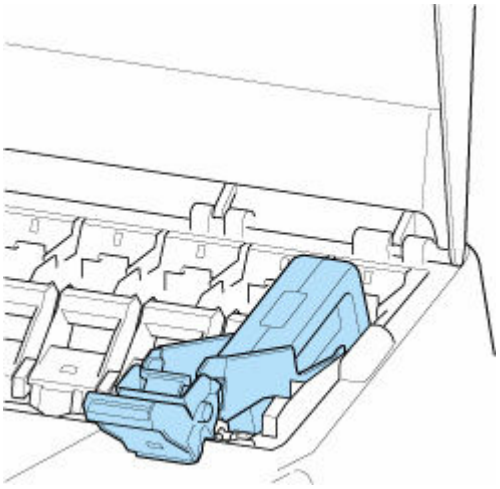
    1. Pull ink tank lock lever straight up.



    2. Pull ink tank lock lever toward the front.



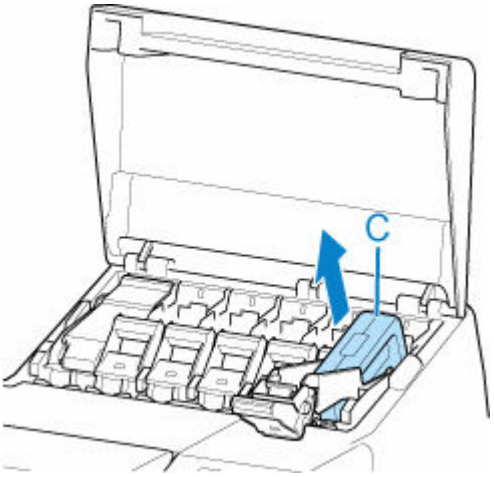
    3. Push ink tank lock lever firmly down until it does not return.



Note

- Check that the ink tank lock lever does not return.

4. Remove ink tank by grips (C), and then tap **OK**.



Important

- Do not turn off the power of the printer with the ink tank removed except in the case of the preparation for transportation. Otherwise, inside of the ink tank cover may be stained.
- Store the removed ink tank with ink remaining with the ink holes (D) facing up. Otherwise, ink may leak and cause stains. Put the removed ink tank in a plastic bag and close the bag.

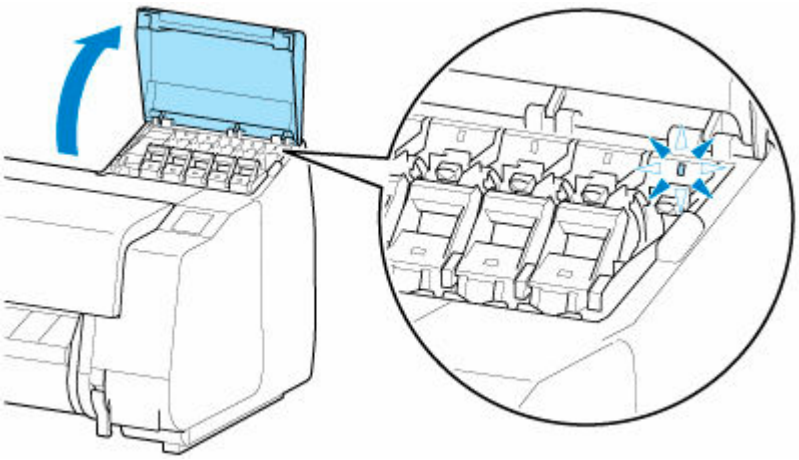
Note

- Dispose of the used ink tank in accordance with local regulations.

Removing ink tank (23.7 fl oz (700 ml))

1. Open ink tank cover and check ink lamp.

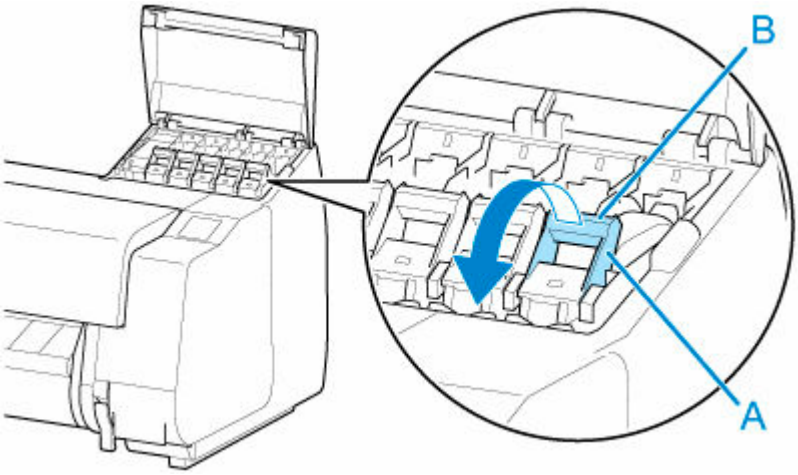
   The ink lamp flashes if there is no ink left.



Important

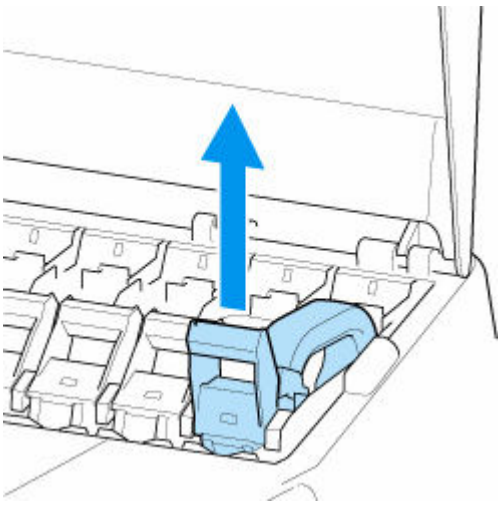
- Avoid jarring the printer a lot when replacing an ink tank. Handle the printer gently when replacing tanks. Jarring the printer during printing may affect printing quality.

2. Pull forward handle part (A) of ink tank lock lever of color to replace while pressing button at B.

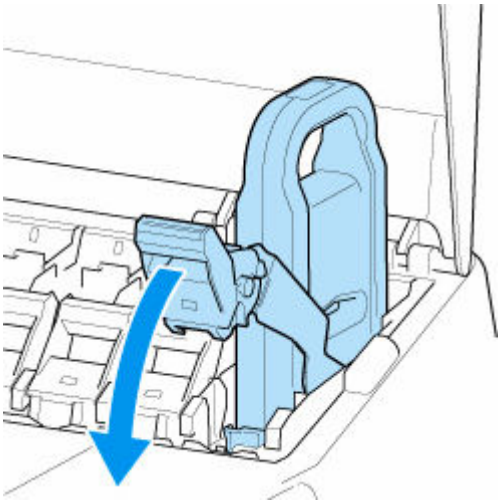


3. Pull out ink tank lock lever.

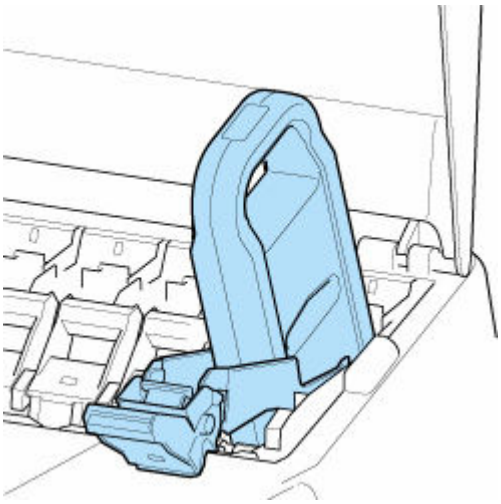
   1. Pull ink tank lock lever straight up.



2. Pull ink tank lock lever toward the front.



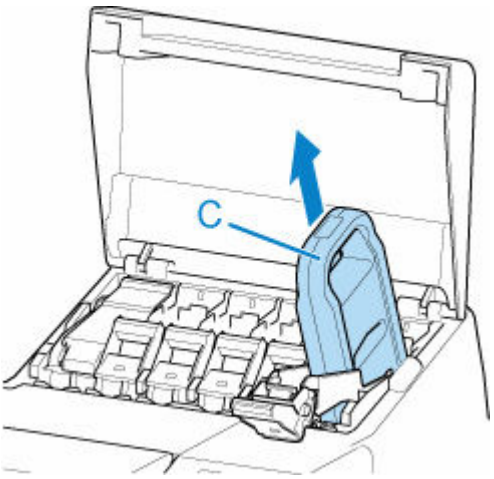
3. Push ink tank lock lever firmly down until it does not return.



Note

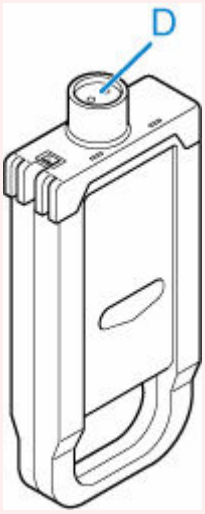
- Check that the ink tank lock lever does not return.

4. Remove ink tank by handle (C), and then tap **OK**.



Important

- Do not turn off the power of the printer with the ink tank removed except in the case of the preparation for transportation. Otherwise, inside of the ink tank cover may be stained.
- Store the removed ink tank with ink remaining in the box with the ink holes (D) facing up. Otherwise, ink may leak and cause stains.

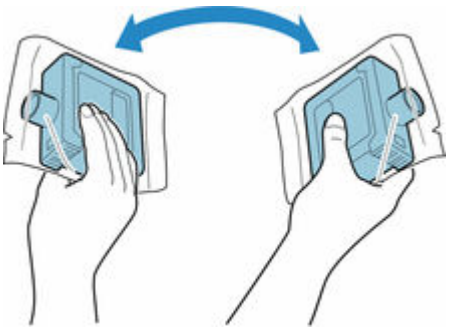


Note

- Dispose of the used ink tank in accordance with local regulations.

Loading ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))

1. Before opening the pouch, tilt the ink tank to the left and right gently seven or eight times.



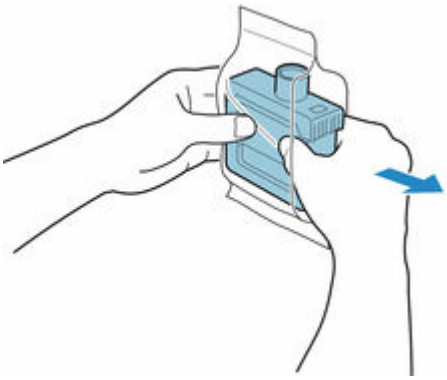
Important

- Do not remove and agitate an ink tank that has already been installed in the printer. Ink may leak out.
- Failure to agitate the ink tank may cause the ink components to precipitate and may affect printing quality.

Note

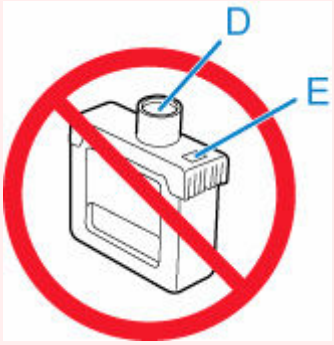
- If the ink tank is at a low temperature, allow it to warm up to room temperature before installing.

2. Open the pouch and remove the ink tank.



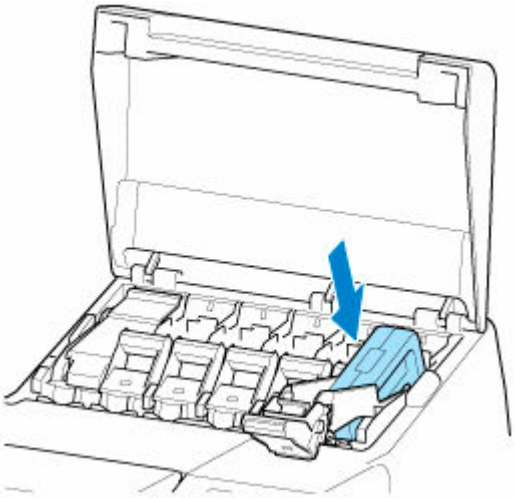
Important

- Never touch the ink holes (D) or the metal contacts (E). This may cause stains, damage the ink tank, and affect printing quality.



- Avoid dropping the ink tank after removing it from the pouch. Otherwise, ink may leak and cause stains.

3. Tap **OK** and insert ink tank into holder with ink holes down and metal contacts at rear.

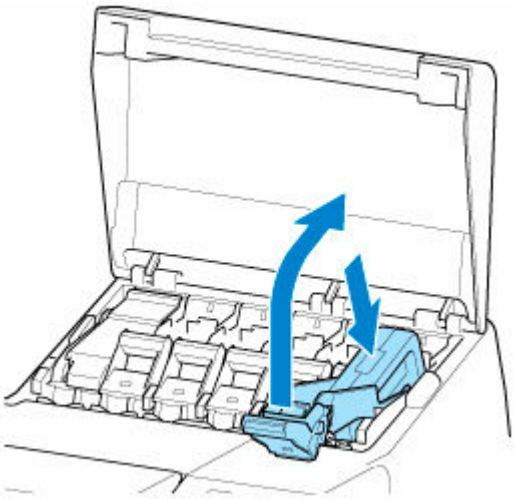


Important

- An ink tank 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. Reinstall while checking the label color display, ink tank color, and ink tank orientation.

4. Lift up ink tank lock lever, and then push it down.



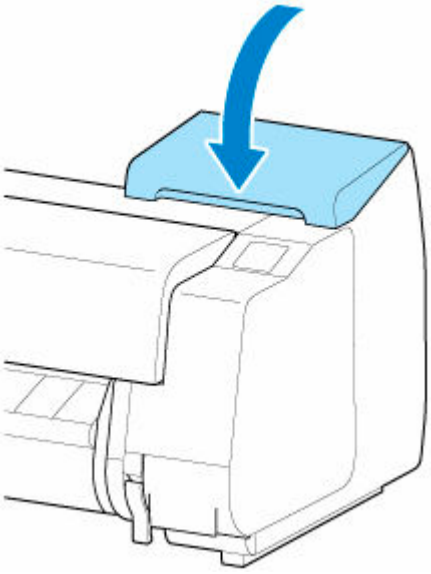
5. Push handle part of ink tank lock lever firmly all the way in.

6. Make sure ink lamp is lit.

Note

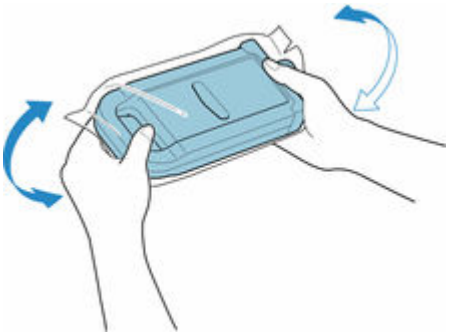
- If the ink lamp is not lit, reload the tank.

7. Close ink tank cover.



Loading ink tank (23.7 fl oz (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 it gently seven or eight times.



⚠ Caution

- A 23.7 fl oz (700 ml) ink tank is heavy, so use your whole arm to agitate it instead of just your wrist. If you agitate the ink tank using just your wrist, you may injure your wrist.

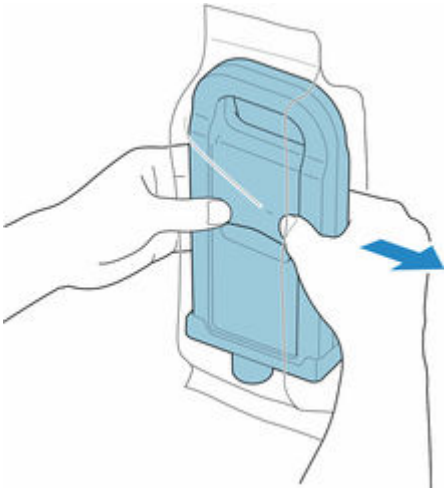
Important

- Do not remove and agitate an ink tank that has already been installed in the printer. Ink may leak out.
- Failure to agitate the ink tank may cause the ink components to precipitate and may affect printing quality.

Note

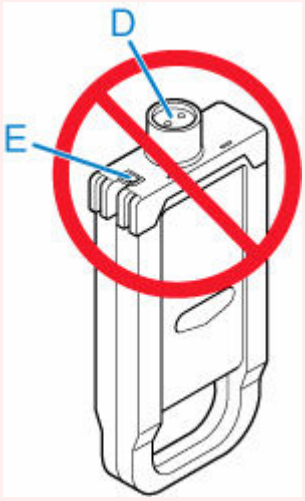
- If the ink tank is at a low temperature, allow it to warm up to room temperature before installing.

2. Open the pouch and remove the ink tank.



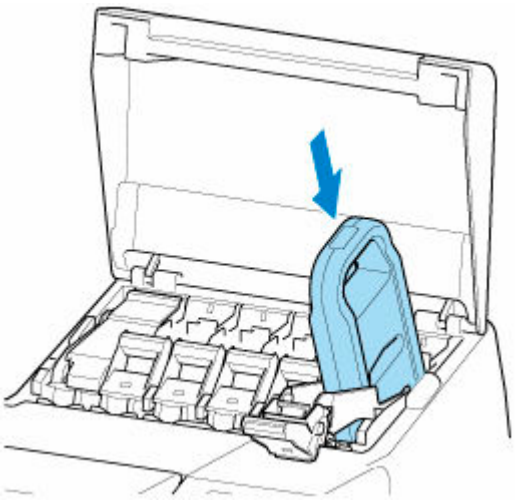
Important

- Never touch the ink holes (D) or the metal contacts (E). This may cause stains, damage the ink tank, and affect printing quality.



- Avoid dropping the ink tank after removing it from the pouch. Otherwise, ink may leak and cause stains.

3. Tap **OK** and insert ink tank into holder with ink holes down and metal contacts at rear.

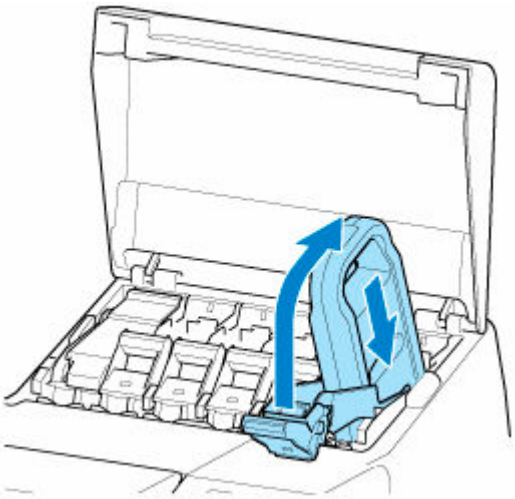


Important

- An ink tank 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. Reinstall while checking the label color display, ink tank color, and ink tank orientation.

4. Lift up ink tank lock lever, and then push it down.



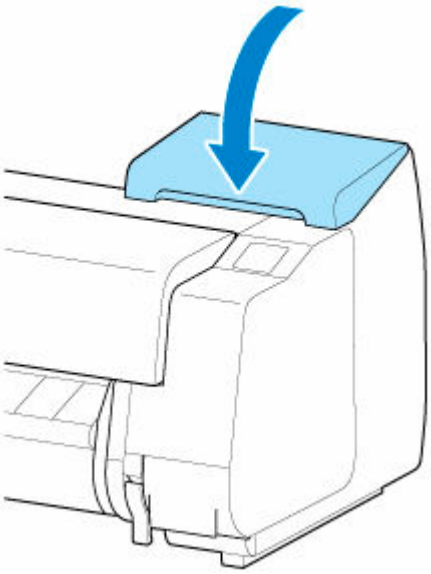
5. Push handle part of ink tank lock lever firmly all the way in.

6. Make sure ink lamp is lit.

Note

- If the ink lamp is not lit, reload the tank.

7. Close ink tank cover.



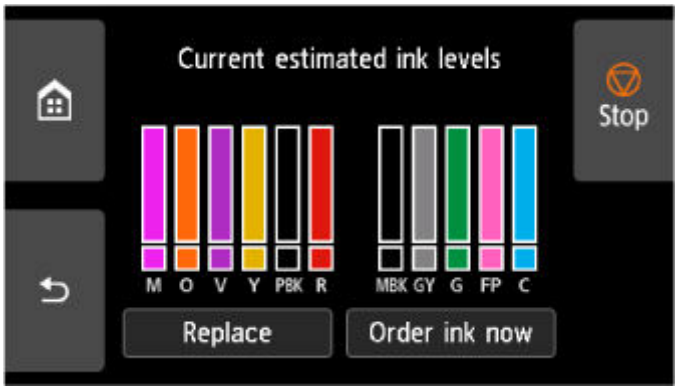
Checking Ink Tank Levels

On the touch screen, you can check how much ink is left in the ink tank.

1. Tap ink display area on HOME screen.

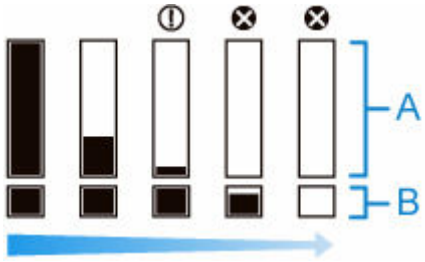
   ➡ Home Screen Menu Composition

   The **Current estimated ink levels** screen appears.



   This printer has ink tanks (A) and sub-ink tanks (B). Even if ink runs out, printing can continue with ink in the sub-ink tanks.

   When the remaining ink is low, will appear on the remaining ink level. When ink runs out, will appear. See the figure below.



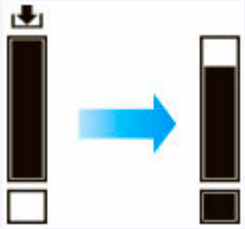
   If the touch screen indicates to replace the ink tank, replace the ink tank. If a message is displayed indicating to check the remaining ink levels, or after tasks that consume a lot of ink such as large-format printing or head cleaning, check the remaining levels and replace ink tank as needed.

   ➡ Replacing Ink Tanks

Note

- Tap **Order ink now** to view the ink supplier information.
- When the ink tank is replaced, the sub-ink tank will be filled with ink.

  During this time, is displayed above the ink level.



When to Replace Ink Tanks

Replace or prepare to replace ink tanks in the following situations.

- **If ink confirmation message appears on touch screen**

  If ink is low, the **Status** lamp lights orange and a notification message will appear on the touch screen. You can continue to print, but prepare the ink tanks.

  ➡ Checking Ink Tank Levels

- **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. Replace or prepare to replace the ink tanks in the following situations.

  ➡ Checking Ink Tank Levels

- **If message for ink replacement appears on touch screen**

  When the ink runs out, the **Status** lamp flashes orange, a message regarding ink tanks replacement appears on the touch screen, and printing is disabled. Replace the ink tank.

  ➡ Replacing Ink Tanks

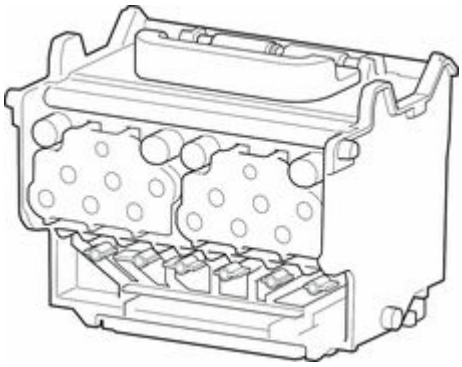
Print Head

- Print Head
- Checking for Nozzle Clogging
- Cleaning the Print Head
- Replacing the Print Head

Print Head

When purchasing, check the Model number.

Model number: PF-10



Note

- For instructions on replacing the print head, see Replacing the Print Head.

Checking for Nozzle Clogging

If printing is faint or affected by banding in different colors, make sure the print head nozzles are clear by printing a test pattern to check the nozzles.

Note

- By default, nozzles are checked at fixed intervals.
  - Auto maintenance settings

Paper to Prepare

When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

When using sheets

One sheet of unused paper of at least A4/Letter size

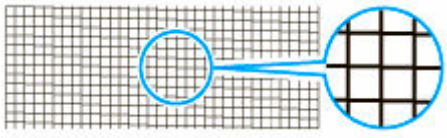
1. Load paper.
   - Loading the Upper Roll on the Printer
   - Loading the Lower Roll on the Roll Unit (Option)
   - Loading Sheets in the Printer
2. Tap **Maintenance** on HOME screen.
   - Home Screen Menu Composition

   The **Maintenance** screen appears.
3. Tap **Nozzle Check**.

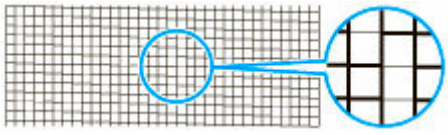
   A confirmation message appears.
4. Tap **Yes**.

   The printer now prints a test pattern for checking the nozzles.
5. 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, execute print head cleaning.

➡ Cleaning the Print Head

Cleaning the Print Head

If printing is faint, cleaning the print head may improve results.

Choose one of three print head cleaning modes (**Cleaning**, **Deep Cleaning**, or **System Cleaning**), depending on the problem to resolve.

- **Cleaning**

  Use this mode if printing is faint or contains foreign substances. This method of cleaning consumes the least amount of ink.

  It takes about 2 to 3 minutes.

- **Deep Cleaning**

  Use this mode if no ink is ejected at all or if **Cleaning** does not solve the problem.

  It takes about 2 to 3 minutes.

- **System Cleaning**

  Use this mode if printing is not improved after **Deep Cleaning**. **System Cleaning** consumes a very large amount of ink. Performing this frequently consumes the ink faster. Perform this only when needed.

  It takes about 4 to 5 minutes.

Important

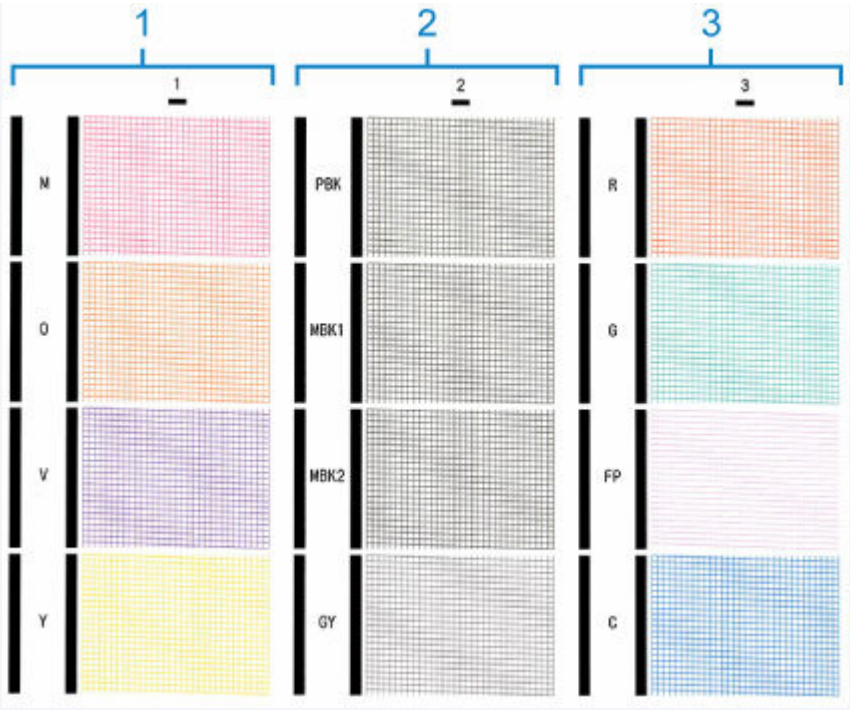
- Do not remove the maintenance cartridge or ink tanks during **Cleaning**, **Deep Cleaning**, or **System Cleaning**.

  Ink may leak or an error may occur.

- If printing is not improved after **System Cleaning**, the print head may be at the end of its service life. Contact your Canon dealer for assistance.

Note

- Check the nozzle check pattern and select an ink group for which to perform cleaning as needed. You can clean all print head or select the pattern below to clean the print head with a clogged nozzle.



- By default, nozzles are checked at fixed intervals.

  ➡ Auto maintenance settings

Perform cleaning as follows.

1. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

   The **Maintenance** screen appears.

2. Tap **Print Head Cleaning**.

3. Tap **Cleaning**, **Deep Cleaning**, or **System Cleaning**.

4. Tap ink group to be cleaned.

   - **All colors**
   - **Pattern 1**: M / O / V / Y
   - **Pattern 2**: PBK / MBK / GY
   - **Pattern 3**: R / G / FP / C

   A confirmation message appears.

5. Tap **Yes**.

   Head cleaning is now executed.

6. Print a test pattern to check the nozzles and determine whether cleaning has cleared the nozzles.

➡ Checking for Nozzle Clogging

Replacing the Print Head

If the touch screen indicates to replace the print head or if instructed to do so by your Canon dealer, replace the print head.

Compatible Print Head

For details on compatible print head, see Print Head.

Precautions When Handling Print Head

Take the following precautions when handling the print head.

⚠ Caution

- For safety, keep print head out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.
- Do not touch the print head immediately after printing. The print head becomes extremely hot, and there is a risk of burns.

Important

- There may be ink around the nozzles of the print head you remove. Handle the print head carefully during replacement. The ink may stain clothing.
- Do not open the print head pouch until immediately before installation. After removing the print head from the pouch, install it right away. If the print head is left as is after the pouch is opened, the nozzles may dry out, which may affect printing quality.

How to Replace Print Head

⚠ Caution

- When replacing the print head immediately after printing, wait a few minutes before replacing it. The metal parts of the print head become hot during printing, and there is a risk of burns from touching these parts.

Important

- Your hands may become dirty during print head replacement. Use the gloves provided in the box with the new print head for replacement.

Note

- Prepare a new ink tank when ink levels are low.
- Prepare a new maintenance cartridge when the remaining capacity of the maintenance cartridge is low.

1. Remove any paper that has been fed.

    - When using a roll, rewind it.

        ➡ Removing the Upper Roll from the Printer

➡ Removing the Lower Roll from the Roll Unit (Option)

- When using sheets, remove the sheet.

  ➡ Removing Sheets

2. Clean inside top cover.

   ➡ Cleaning Inside the Top Cover

3. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

   The **Maintenance** screen appears.

4. Tap **Head Replacement**.

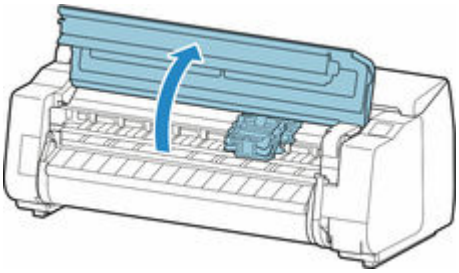
   The **Head Replacement** screen appears.

5. Tap **Start head replacement.**.

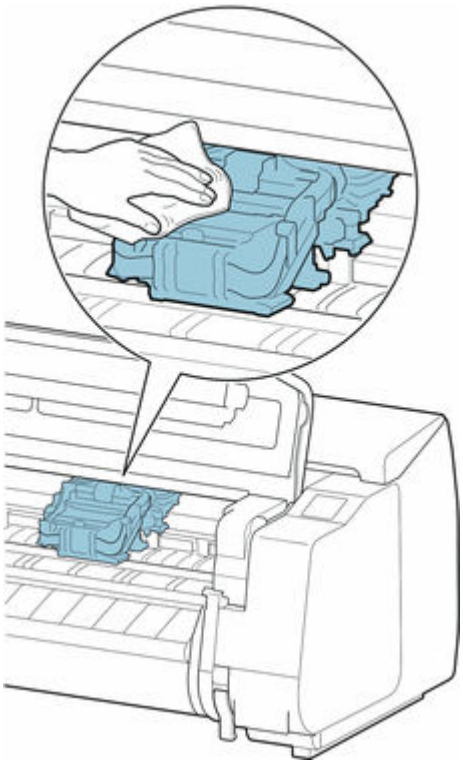
   Ink begins being drawn in. When it finishes, instructions for the print head replacement procedure appear on the touch screen.

   It takes about 3 to 4 minutes for ink to be drawn into the system and remove ink from the print head.

6. Open top cover.

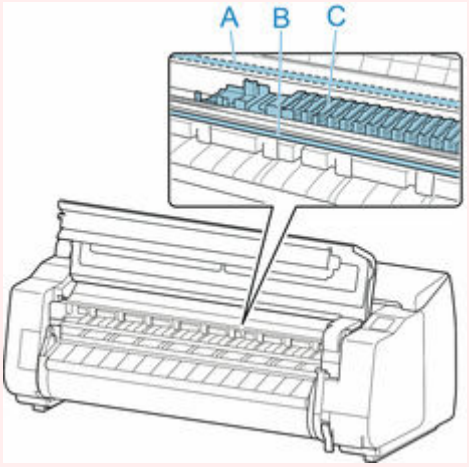


7. If the print head locking cover and print head lock lever are dirty, use a damp cloth that you have wrung out completely to wipe them clean.



Important

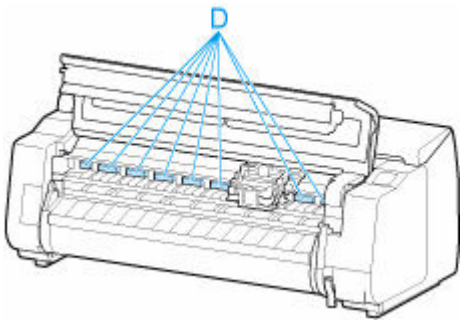
- Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



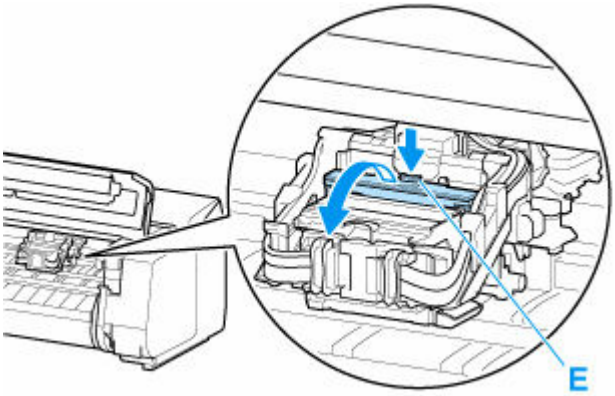
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.

8. If ventilation duct (D) is dirty, use damp cloth that you have wrung out completely to wipe it clean.

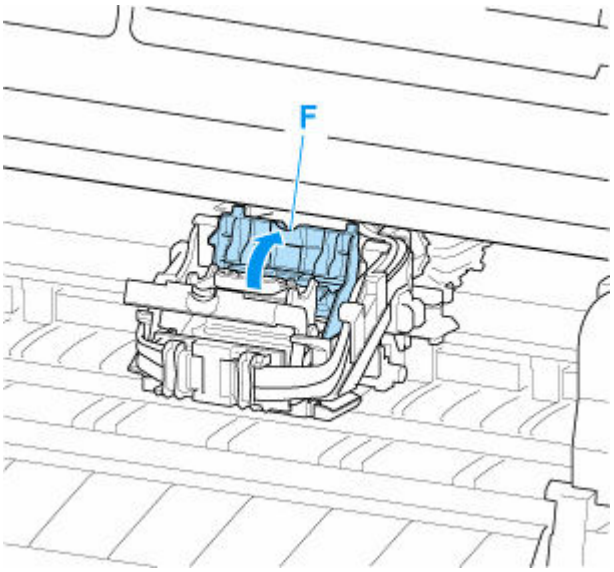
If the Carriage is obscuring the ventilation duct, move the Carriage manually before cleaning the duct.



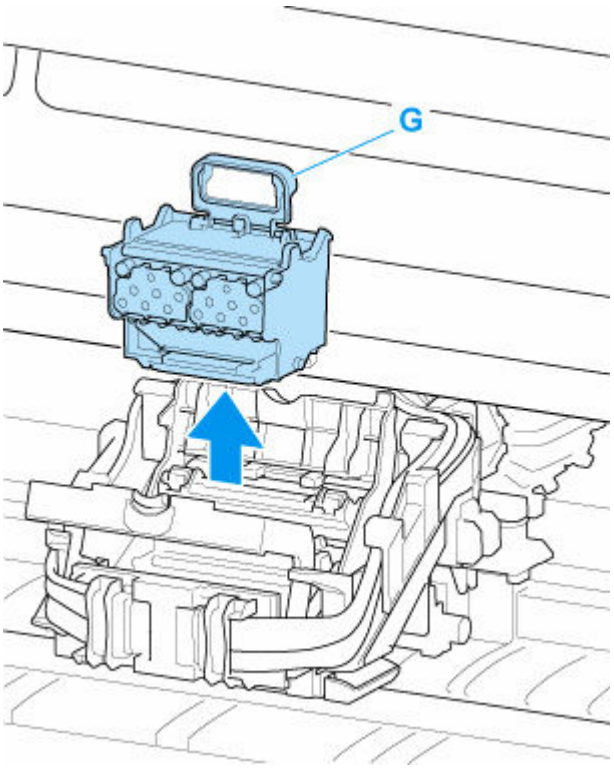
9. Pull down print head lock lever toward the front while holding its center (E) with your fingertip.



10. Grab grip (F) and open print head locking cover.



11. Grab grips (G) by blue handle, remove print head, and then tap **OK**



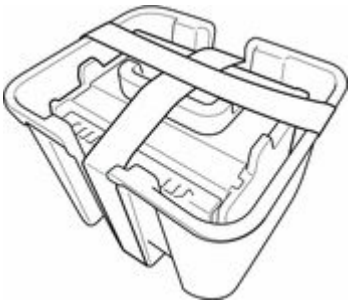
Important

- 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.

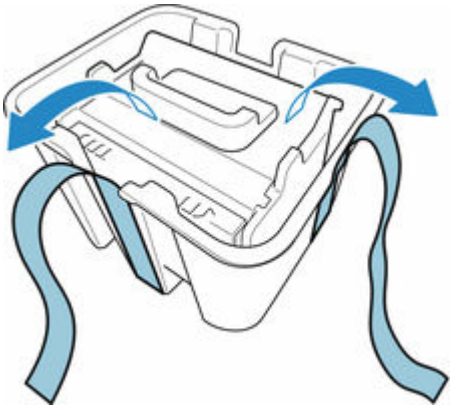
Note

- Dispose of the used print head in accordance with local regulations.

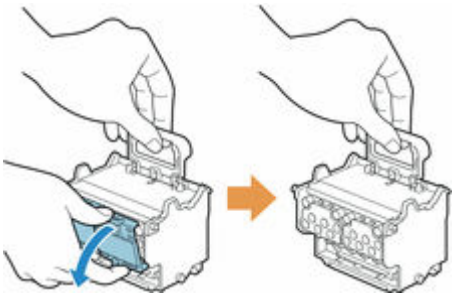
12. Remove print head that was in case from pouch.



13. Remove tape used to secure print head.

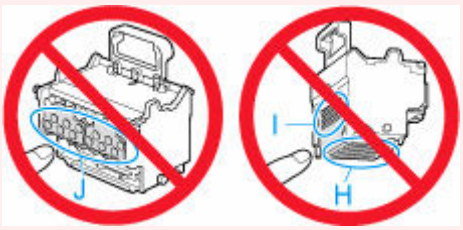


14. Lift print head by blue handle and remove orange protective cap (2).



Important

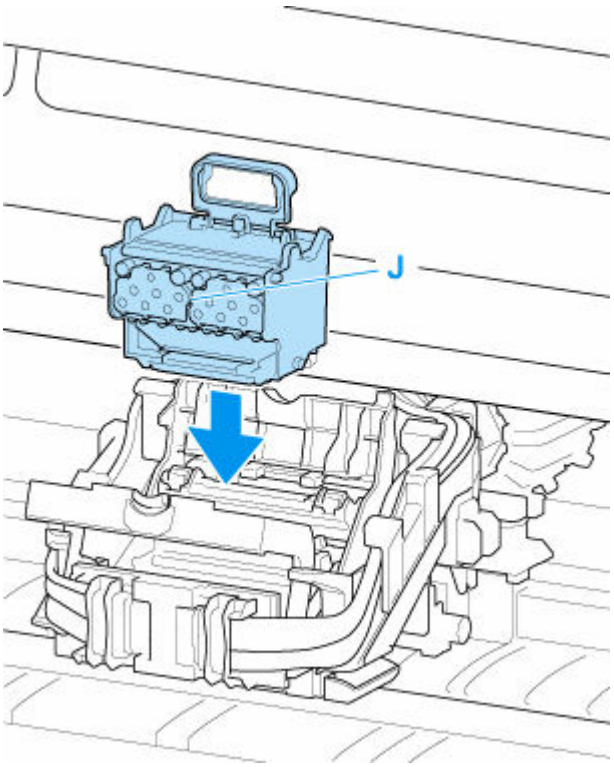
- Always carry the print head by the blue handle. Never touch nozzle (H) or metal contacts (I). This may damage the print head and affect printing quality.
- Never touch the ink holes (J). This may affect printing quality.



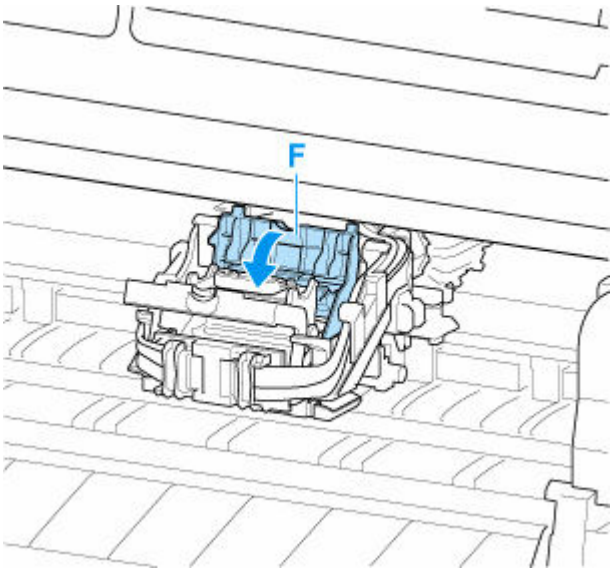
- The inside surface of the protective cap is coated with ink to protect the nozzle. Be careful not to touch these surfaces when removing the caps.
- The print head contains ink to protect the nozzle. We recommend removing the protective cap while holding it over the pouch that contained the print head or otherwise 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 print head somewhere temporarily before installation, do not set it down with 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.

15. Turn ink holes (J) toward the front and insert print head into carriage.

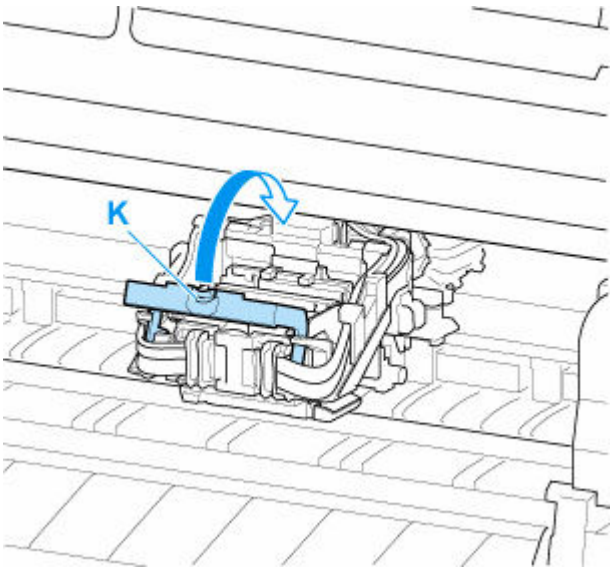
Insert the print head all the way into the carriage, while taking care to keep parts that were protected by the protective caps from touching the carriage.



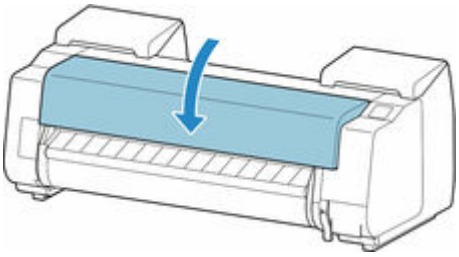
16. Grasp tab (F) of print head locking cover and lower it to front to lock print head.



17. While holding center part (K) of print head lock lever, lower it toward back until it clicks.



18. Close top cover.



Ink now fills the print head. It takes about 11 minutes.

Important

- While ink is being filled, definitely do not remove the ink tank or maintenance cartridge. Ink may leak out.

Note

- Print head position adjustment is executed when **Print pattern after new head** is set to **ON**.

  Follow the instructions on the touch screen to load paper.

  ➡ Auto maintenance settings

Maintenance Cartridge

- Maintenance Cartridge
- Replacing the Maintenance Cartridge
- Checking the Remaining Maintenance Cartridge Capacity
- When to Replace the Maintenance Cartridge

Maintenance Cartridge

When purchasing, check the Model number.

Model number: MC-30

Note

- For instructions on replacing the maintenance cartridge, see Replacing the Maintenance Cartridge.

Replacing the Maintenance Cartridge

Compatible Maintenance Cartridges

For details on compatible maintenance cartridge, see Maintenance Cartridge.

Precautions When Handling Maintenance Cartridge

Take the following precautions when handling the maintenance cartridge.

⚠ Caution

- For safety, keep 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 a maintenance cartridge during initialization immediately after turning on the printer, during print head 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.

How to Replace a Maintenance Cartridge

If a message indicates you should replace a maintenance cartridge, check the message details and go to step 4.

1. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

   The **Maintenance** screen appears.

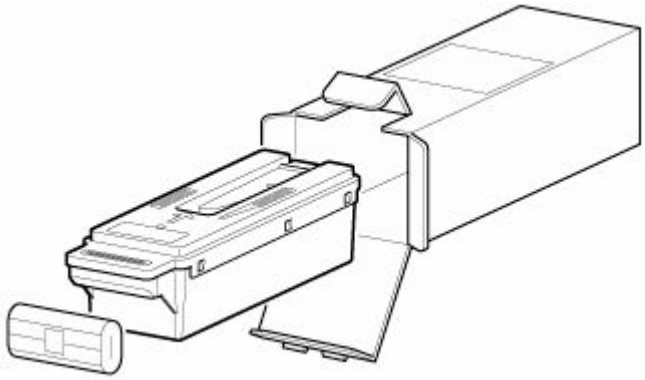
2. Tap **Maintenance cartridge info**.

   The **Maintenance cartridge info** screen appears.

3. Tap **Replace**.

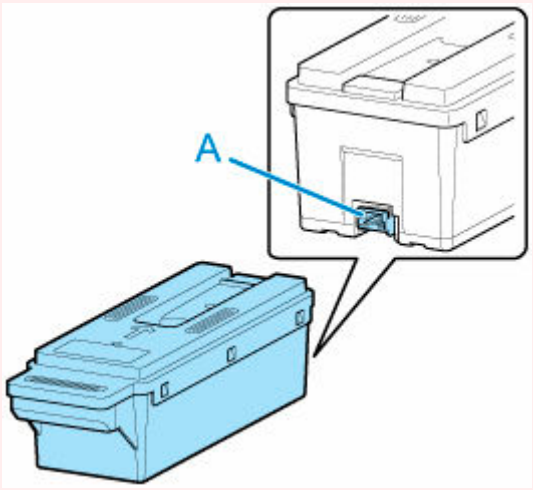
   Instructions for the maintenance cartridge replacement procedure appear on the touch screen.

4. Open box, and remove plastic bag and maintenance cartridge.

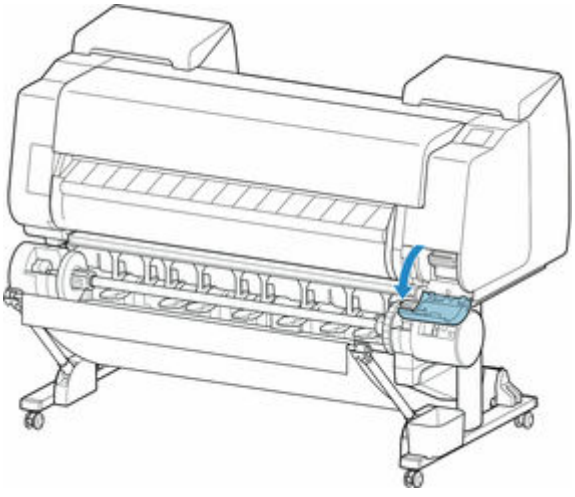


Important

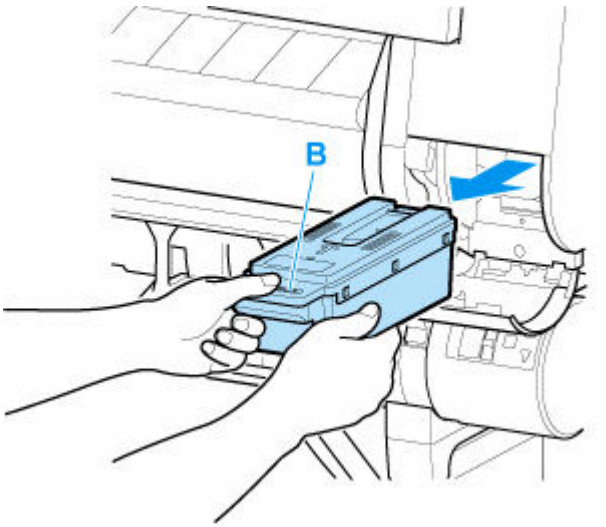
- Never touch the metal contacts (A). This may damage the maintenance cartridge.



5. Open maintenance cartridge cover.



6. Hold the used maintenance cartridge by the grip (B) 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.

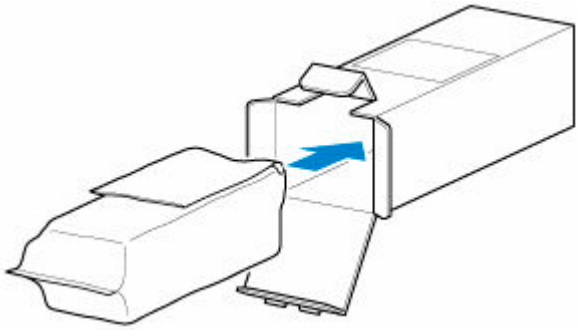


Important

- A used maintenance cartridge is heavy. Always grasp the cartridge firmly and keep the cartridge level during removal. If you drop a used maintenance cartridge or store it at an angle, ink may leak and cause stains.

7. Put used maintenance cartridge in supplied plastic bag and store on flat surface.

8. Check the top and bottom of the maintenance cartridge, place in the box, and store the box on a flat surface.



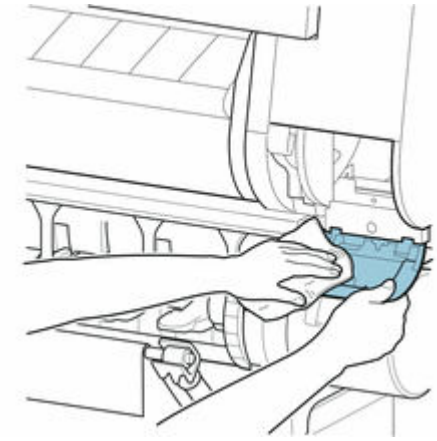
Important

- Always put the used maintenance cartridge back in the box and store the box on a flat surface.

Note

- Dispose of the used maintenance cartridge in accordance with local regulations.

9. Wipe away any soiling on the maintenance cartridge cover.

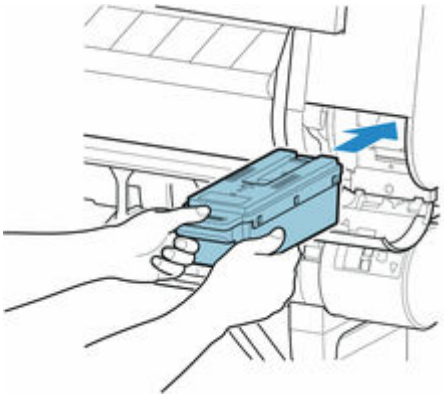


Important

- Support the maintenance cartridge cover from underneath as you wipe it.

10. Keeping the new maintenance cartridge level, insert it all the way in.

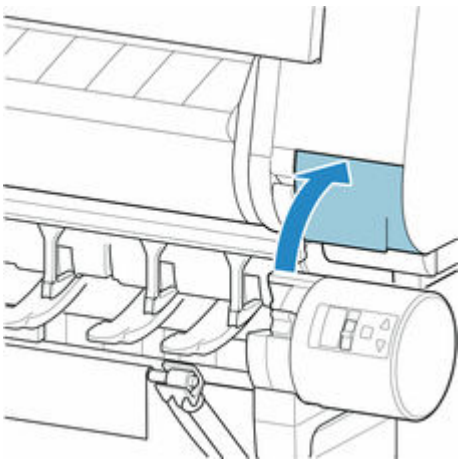
The maintenance cartridge is initialized.



Important

- Do not remove the maintenance cartridge during initialization immediately after replacing the maintenance cartridge. The maintenance cartridge may become damaged.

11. Close maintenance cartridge cover.



Checking the Remaining Maintenance Cartridge Capacity

The maintenance cartridge absorbs excess ink from borderless printing and print head cleaning. You can confirm the remaining capacity of the maintenance cartridge by checking the touch screen.

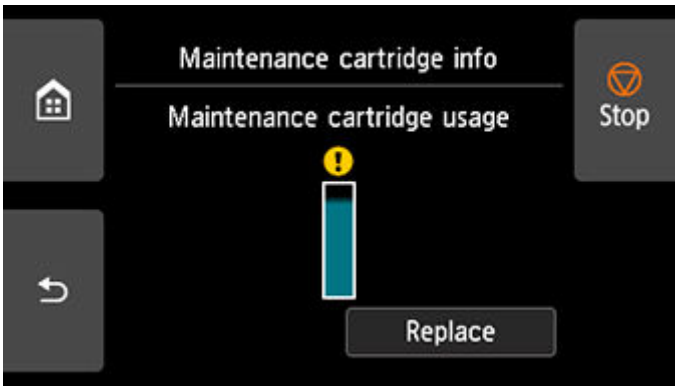
1. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

   The **Maintenance** screen appears.

2. Tap **Maintenance cartridge info**.

   The **Maintenance cartridge info** screen appears.



If the touch screen indicates to replace the maintenance cartridge, replace the maintenance cartridge.

If a message appears 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.

➡ Replacing the Maintenance Cartridge

When to Replace the Maintenance Cartridge

Replace or prepare to replace the maintenance cartridge in the following situations.

- **If maintenance cartridge confirmation message appears on touch screen**

  When the maintenance cartridge is almost used up, the **Status** lamp lights orange and a notification message will appear on the touch screen. You can continue to print, but check the remaining maintenance cartridge capacity and prepare to replace the maintenance cartridge with a new one.

  ➡ Checking the Remaining Maintenance Cartridge Capacity

- **When the maintenance cartridge capacity is drastically depleted**

  Print head cleaning, print head 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.

  ➡ Checking the Remaining Maintenance Cartridge Capacity

- **If message for maintenance cartridge replacement appears on touch screen**

  When the maintenance cartridge is used up, the **Status** lamp blinks orange, a message regarding maintenance cartridge replacement appears on the touch screen, and printing is disabled. Replace the maintenance cartridge with a new one.

  ➡ Replacing the Maintenance Cartridge

Cutter Blade

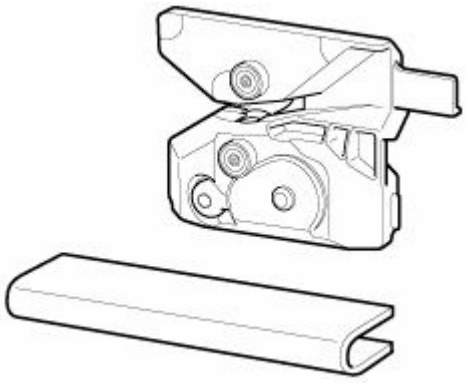
- Cutter Blade
- Replacing the Cutter Blade

Cutter Blade

When purchasing, check the Model number.

This cutter blade comes with a part for securing the cutter blade during installation.

Model number: CT-07



Note

- For instructions on replacing the cutter blade, see Replacing the Cutter Blade.

Replacing the Cutter Blade

Compatible Cutter Blade

For details on compatible cutter blade, see Cutter Blade.

How to Replace Cutter Blade

Important

- The cutter blade can not be replaced if there is paper in the moving range of the cutter. Remove the paper.

1. Tap **Maintenance** on HOME screen.

   ➡ Home Screen Menu Composition

   The **Maintenance** screen appears.

2. Tap **Replace cutter blade unit**.

   A confirmation message appears.

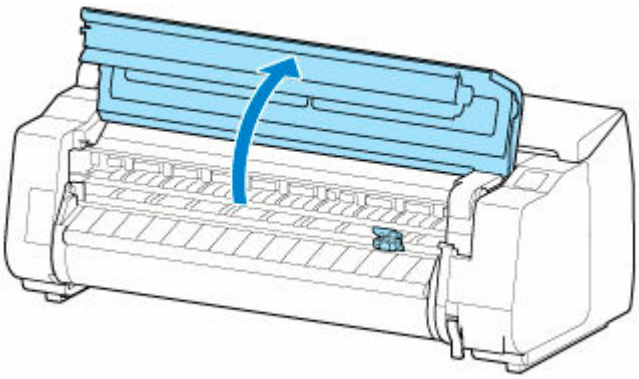
3. Tap **Yes**.

   The carriage moves and after it stops moving, instructions for the cutter blade replacement procedure appear on the touch screen.

   ### Note

   - If you do not take action within 2 minutes, cutter blade replacement is canceled. In this case, start over replacement from the beginning.

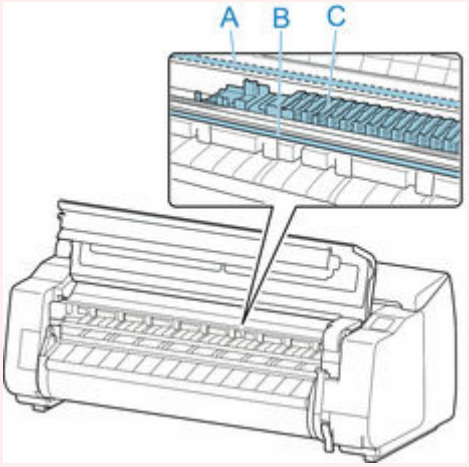
4. Open top cover.



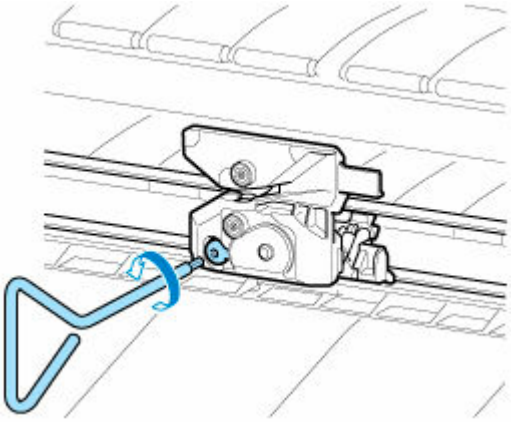
5. If cutter blade is dirty, use damp cloth that you have wrung out completely to wipe it clean.

Important

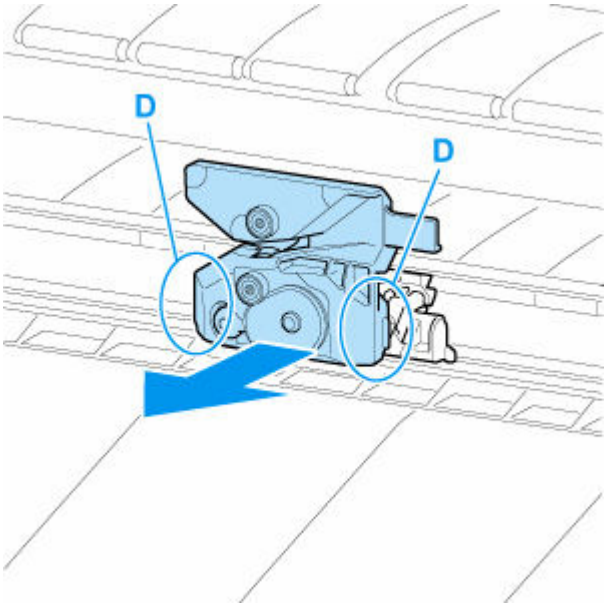
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.
- Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



6. Turn hex screw with hex wrench until loose.



7. Remove cutter blade while holding D.



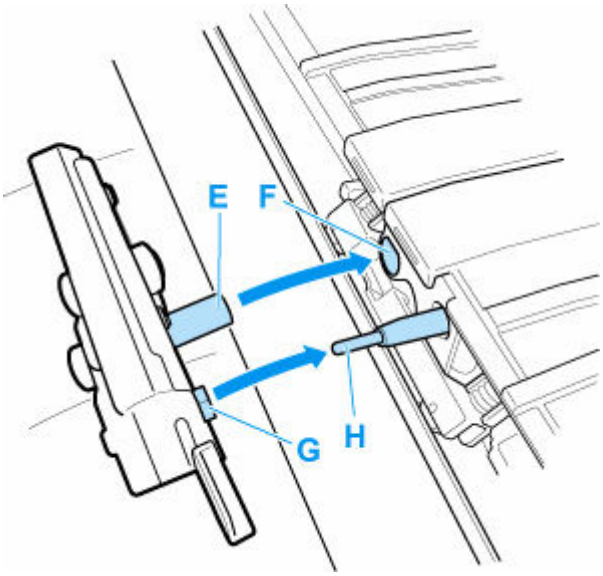
⚠Caution

- Never touch any part other than D. This may stain your hands or cause injury. Additionally, this may damage the printer.
- Do not disassemble the cutter blade. Touching the blade may cause injury.

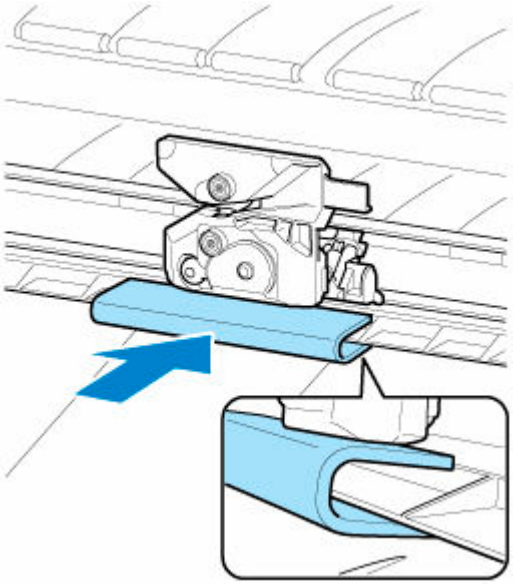
Note

- Dispose of the used cutter blade in accordance with local regulations.

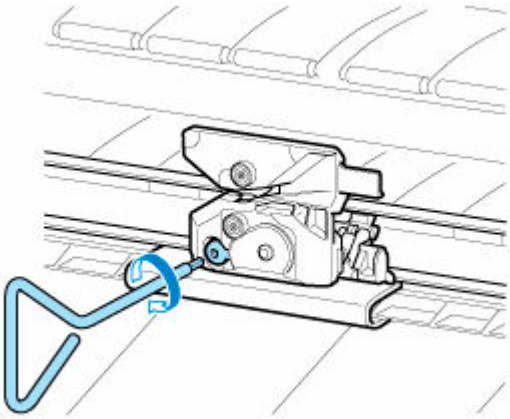
8. Install new cutter blade while aligning E to F and G to H.



9. Install while aligning fixing part included with replacement cutter blade with center of cutter blade.



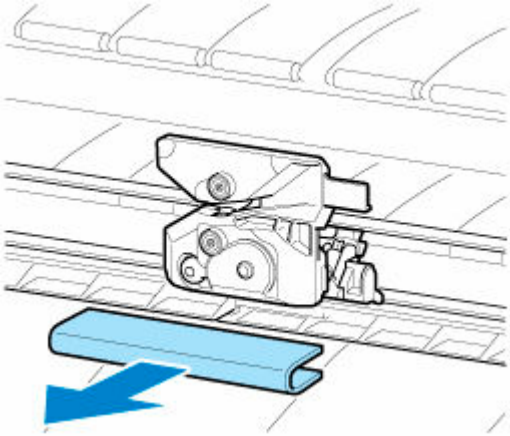
10. Turn hex screw until securely fixed.



Important

- After the cutter blade is secured, check that the cutter blade does not come off. If the cutter blade comes off, this may damage the printer.

11. Remove fixing part.

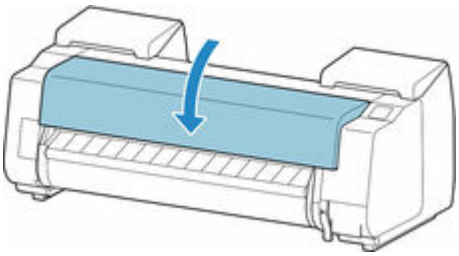


Important

- Always remove the fixing part. Operating with the part installed may damage the printer.

12. Close top cover.

A confirmation message will appear.



13. Tap **Yes**.

Performing Maintenance Functions from Your Computer (Windows)

- Cleaning the Print Heads
- Printing a Nozzle Check Pattern

Cleaning the Print Heads

The print head cleaning function allows you to clear up clogged print head nozzle. Perform print head cleaning if printing is faint or a specific color fails to print, even though there is enough ink.

The procedure for print head cleaning is as follows:

Print Head Cleaning

1. Open the printer driver setup window

2. Click **Print Head Cleaning** on the **Utility** tab

   When the **Print Head Cleaning** dialog box opens, select the head cleaning to be performed from the following:

   Cleaning

   Perform **Cleaning** if printing is faint or a specific color fails to print, even though there is enough ink.

   System Cleaning

   System Cleaning is a more powerful cleaning function. Perform **System Cleaning** if there is no improvement even after repeating **Cleaning** several times.

   Important

   - **System Cleaning** consumes an extremely large amount of ink.
     Executing system cleaning frequently will rapidly deplete your printer's ink supply. Therefore, execute system cleaning only when necessary.

3. Execute cleaning

   Make sure that the printer is on and then click **OK**.

   Print head cleaning starts.

Note

- After **Cleaning** or **System Cleaning** is complete, perform **Print Nozzle Check Pattern** and check the cleaning results.

Related Topic

- Printing a Nozzle Check Pattern

Printing a Nozzle Check Pattern

The nozzle check function allows you to check whether the print head is working properly by printing a nozzle check pattern. Print the pattern if printing becomes faint, or if a specific color fails to print.

The procedure for printing a nozzle check pattern is as follows:

Print Nozzle Check Pattern

1. Open the printer driver setup window
2. Load paper in the printer
3. Click **Print Nozzle Check Pattern** on the **Utility** tab

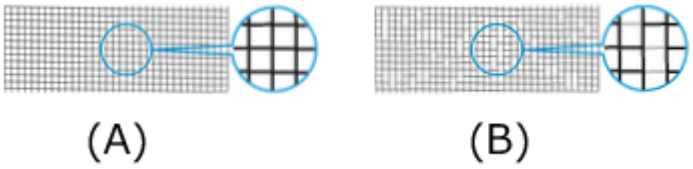
   The **Print Nozzle Check Pattern** dialog box opens.
4. Select the paper source

   Select the paper source from the displayed dialog box.
5. Print a nozzle check pattern

   Make sure that the printer is on and click **OK**.
   Printing of the nozzle check pattern begins.

   Click **OK** when the confirmation message appears.
6. Check the print result

   Check the print results.



(A) As long as the horizontal lines are in line, and not missing, the nozzle is working normally.
(B) Where the horizontal lines are not in line or are missing, the color nozzle is blocked.

Note

- From the nozzle check pattern printing results, if it becomes patchy or there are areas that cannot be printed, use **Print Head Cleaning** to clean the print heads.
  Once cleaning is complete, print the nozzle check pattern again and check the results.

Related Topic

- Cleaning the Print Heads

Cleaning the Printer

- Cleaning the Printer Exterior
- Cleaning Inside the Top Cover
- Cleaning the Roll Unit
- Cleaning the Print Head

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.

Important

- When the sensor of the feed slot is dirty, the printer might not perform auto feeding properly. Even if the sensor seems clean, we recommend cleaning it because it may have paper dust on it.

1. Turn printer off.

   Turning the Printer On and Off

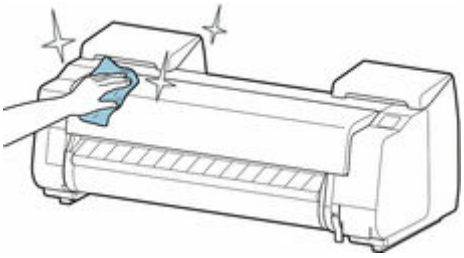
2. Unplug power cord from outlet.

   Caution

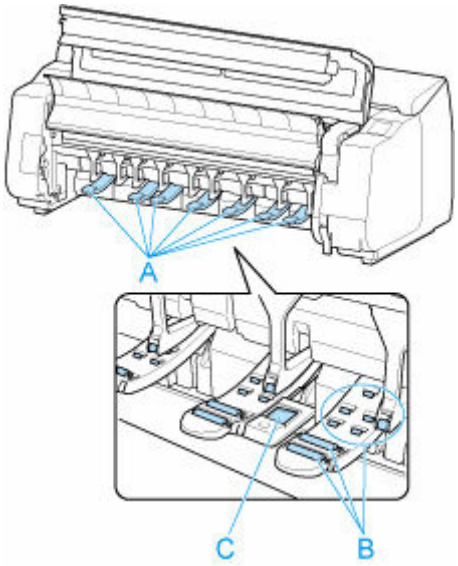
   - Always turn off the printer and unplug the power cord before cleaning or maintenance. Accidentally leaving the printer on poses a risk of injury if you touch moving parts inside the printer.

3. Wring out soft cloth with water or watered-down neutral detergent, and use it to wipe off dirt.

   Clean the printer exterior and the power cord plug.

   Open the top cover and output guide and clean parts that come in contact with paper (A, B), sensor (C) and window on the back side of the top cover.

⚠ Warning

- Never use flammable solvents such as alcohol, benzine, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Important

- If the output guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the output guide even if it does not appear dirty, because it may actually be covered with paper dust.

  ➡ Cleaning Inside the Top Cover

- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.
- When neutral detergent is used, be sure to wipe off the detergent with soft cloth with water.

4. When dirt is wiped off, wipe off water with dry soft cloth.

5. Plug power cord into 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
- After printing on adhesive paper

Important

- 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 output guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the output guide even if it does not appear dirty, because it may actually be covered with paper dust.
- Printing on adhesive paper may leave adhesive on the platen, paper retainer, or other parts. To prevent paper jams, we recommend cleaning inside the top cover after printing.
- Cleaning may not be performed if there is paper in the cleaning area. Remove the paper.

1. Tap **Maintenance** on HOME screen.

   Home Screen Menu Composition

   The **Maintenance** screen appears.

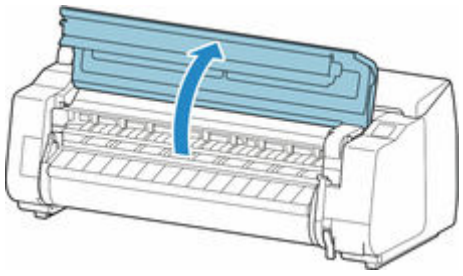
2. Tap **Platen cleaning**.

   A confirmation message appears.

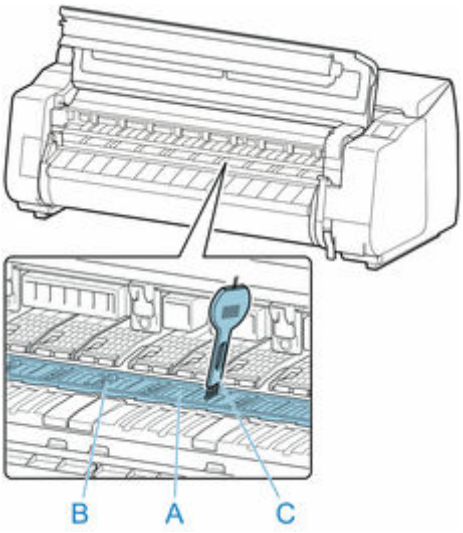
3. Tap **Yes**.

   The carriage moves and after it stops moving, instructions appear on the touch screen.

4. Open top cover.

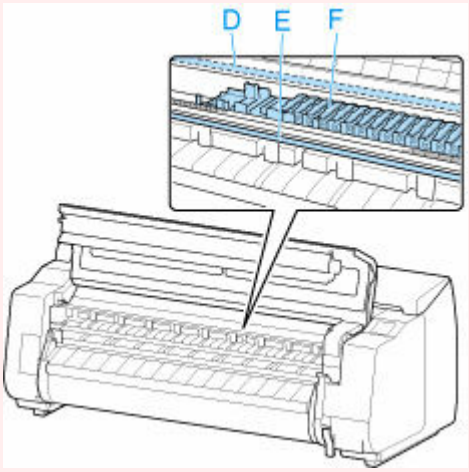


5. If paper dust has accumulated in vacuum holes (A) on platen or in ink grooves (B), use cleaning brush (C), provided with printer, to wipe it away.



Important

- Do not touch the linear scale (D), carriage shaft (E), or ink tube stabilizer (F). Touching these may cause malfunction.

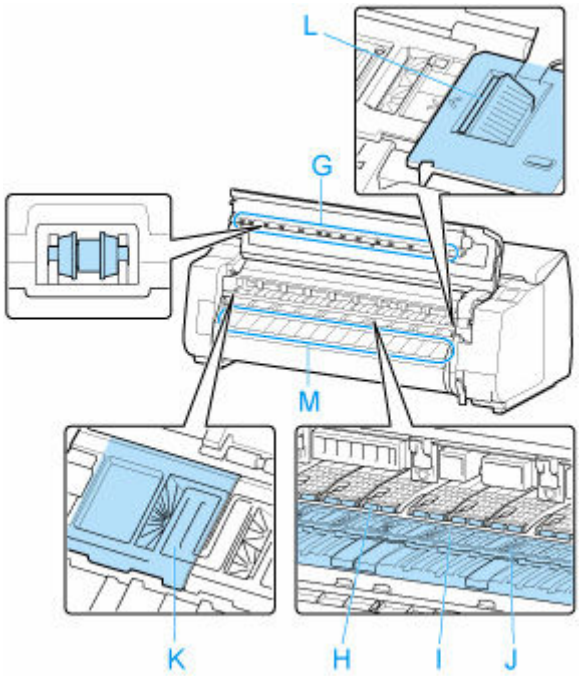


Note

- If the cleaning brush is dirty, rinse it in water.

6. Using a damp cloth that you have wrung out completely, wipe inside the top cover to clean it.

Wipe away any ink residue and paper dust (debris from cutting) on top cover roller (G), paper retainer (H), entire platen (I), ink grooves (J, K, L) and its surroundings, output guide (M), and so on.



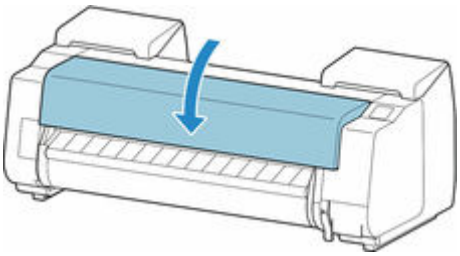
⚠ Warning

- Never use flammable solvents such as alcohol, benzine, 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 use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.

7. Close top cover.



Cleaning the Roll Unit

About once a month, clean the roll unit to ensure optimal operation.

Important

- When the sensor of the feed slot is dirty, the printer might not perform auto feeding properly. Even if the sensor seems clean, we recommend cleaning it because it may have paper dust on it.

1. Remove any roll paper loaded in roll unit.

   Removing the Lower Roll from the Roll Unit (Option)

2. Turn printer off.

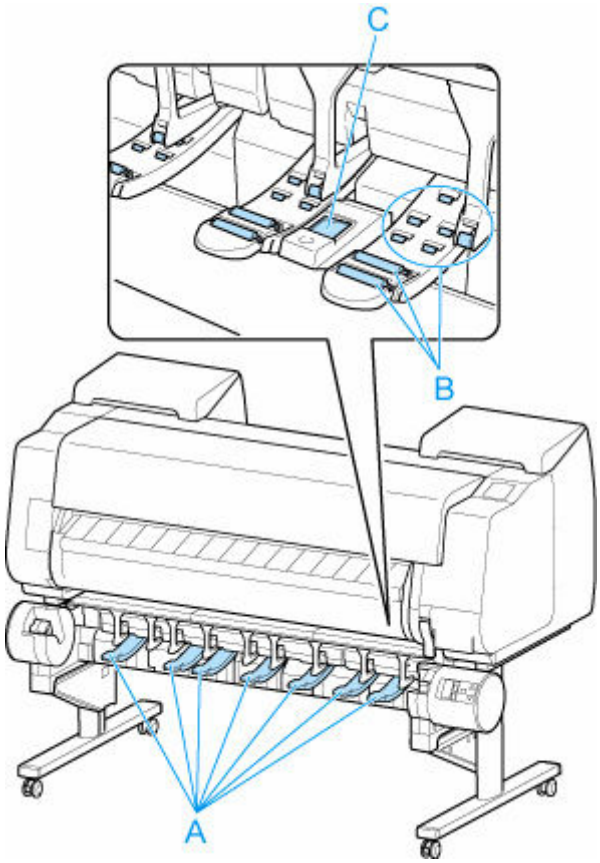
   Turning the Printer On and Off

3. Unplug power cord from outlet.

   Caution

   - 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.

4. Wipe away any residue and paper dust from areas (A, B) that come in contact with paper and sensor (C) with a thoroughly wrung out damp cloth, and wipe dry with a dry cloth.



⚠ Warning

- Never use flammable solvents such as alcohol, benzine, or thinner. If these substances come into contact with electrical components inside the roll unit, there is a risk of fire or electrical shock.

5. Plug power cord into outlet.

Other Maintenance

- Preparing to Transfer the Printer
- Reinstalling the Printer
- Firmware update

Preparing to Transfer the Printer

To protect the internal parts in transit, always follow these steps before transferring the printer to a new location.

For details on installing the printer after transfer, see Reinstalling the Printer.

Important

- 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.
- When moving the printer, make sure that the basket does not rub against the floor. If the basket rubs on the floor, it may get dirty or damaged.
- When you select **Prepare to move**, any registered web services will be canceled. After moving your printer, set up your web services again.

  ➡ Web service setup

Note

- The maintenance cartridge replacement may be required when you execute the **Prepare to move** menu. Prepare the maintenance cartridge in advance while referring below. The number of maintenance cartridge required varies depending on the amount remaining in the maintenance cartridge being used.
- If you can move the printer in a level state using casters or something similar, you do not need to execute **Prepare to move**.
- Always follow the instructions of the service representative when preparing to transfer the printer.

  The following lists transport restrictions by type of transport.

  Move indoors on the same floor

  Usage Examples: Move indoors by carrying

  - Transport and storage in low temperature environments: No
  - Permitted angle of inclination: All directions: within 30°
  - Required maintenance cartridges: 1-3

  Move indoors to a different floor

  Usage Examples: Moving the printer while temporarily tilting it such as when using the stairs

  - Transport and storage in low temperature environments: No
  - Permitted angle of inclination: All directions: within 90°
  - Required maintenance cartridges: 1-3

  Transport outdoors

  Usage Examples: Transport By Vehicle

  - Transport and storage in low temperature environments: Yes
  - Permitted angle of inclination: All directions: within 90°
  - Required maintenance cartridges: 3

Preparing for Transportation

1. Remove the paper.
   - Rolls
     - ➡ Removing the Upper Roll from the Printer
     - ➡ Removing the Lower Roll from the Roll Unit (Option)
   - Sheet
     - ➡ Removing Sheets
2. If touch screen indicates to replace maintenance cartridge, replace maintenance cartridge.
   - ➡ Replacing the Maintenance Cartridge
3. Tap **Maintenance** on HOME screen.
   - ➡ Home Screen Menu Composition

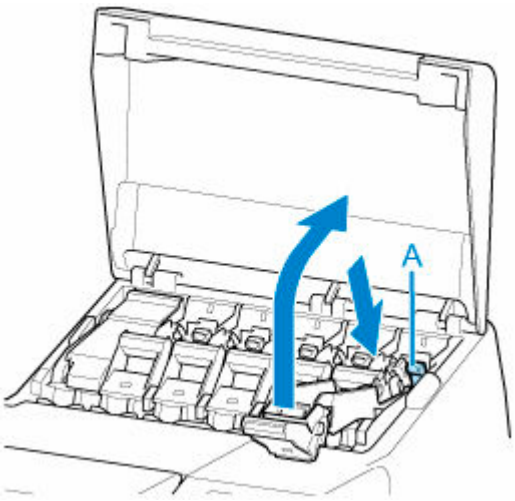
   The **Maintenance** screen appears.
4. Tap **Prepare to move**.
5. Tap **Move indoors on the same floor**, **Move indoors to a different floor** or **Transport outdoors**.

   A confirmation message appears.
6. Tap **Yes**.

   The printer is now prepared for transfer.

   When the preparation is finished, a message prompting you to open the ink tank cover appears on the touch screen.

   Important
   - If consumables must be replaced, a message appears on the touch screen, and preparation is disabled. If the message appears, tap **OK** and contact your Canon dealer for assistance.
7. Open ink tank cover to remove all ink tanks.
   - ➡ Replacing Ink Tanks
8. Push down release lever (A) as shown as you gently return all ink tank lock levers to their original positions.



9. Close ink tank cover.

   Ink is now drawn into the maintenance cartridge.

   A confirmation message will appear when the process is finished.

   Important

   - Do not remove the maintenance cartridge except when the message indicating replacement is displayed.

     If you remove the maintenance cartridge while ink is being removed, the ink may leak out.

10. Press **ON** button and turn off printer.

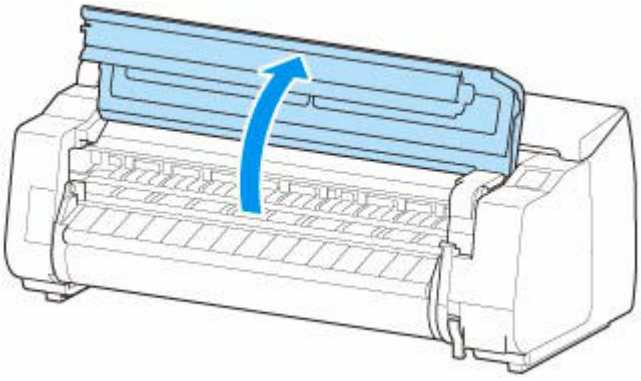
Packing Printer

1. Disconnect power cord and interface cable.

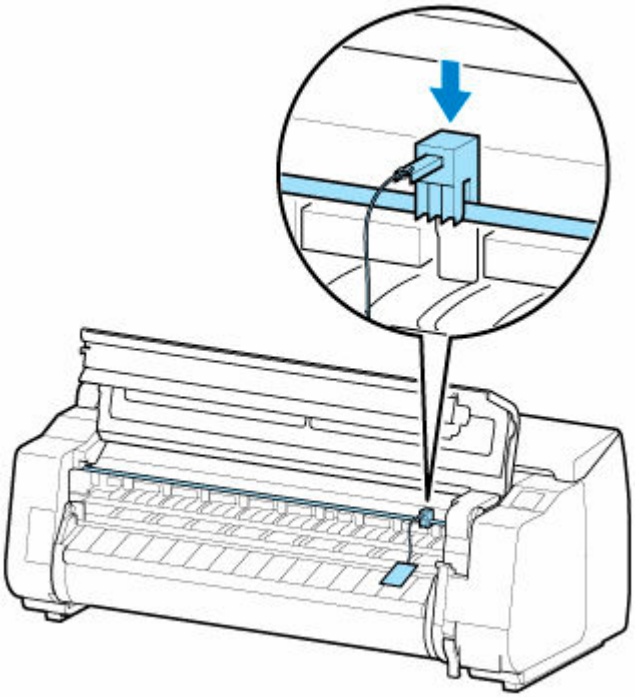
   Important

   - Turn off the printer before you unplug it. Unplugging the printer before it is off and moving it may damage the printer. If you accidentally unplug the printer, plug it in again, reinstall the ink tanks, and follow this procedure again.

2. Open top cover.

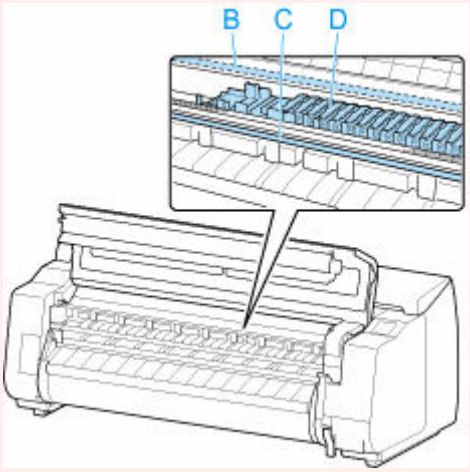


3. Grasp Belt and insert Belt Stopper into position shown.

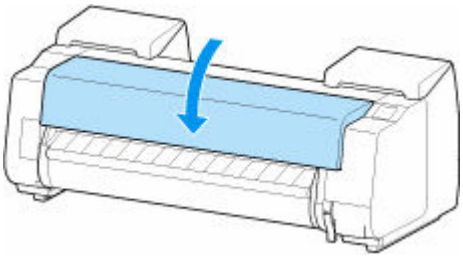


Important

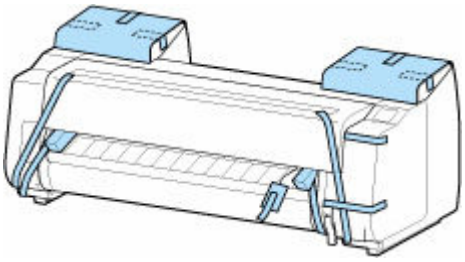
- Attach the Belt Stopper that was removed and stored after initial installation. Neglecting to attach the Belt Stopper may damage the printer.
- Do not touch the linear scale (B), carriage shaft (C), or ink tube stabilizer (D). Touching these may cause malfunction.



4. Close top cover.



5. Tape down printer covers to secure them, in the reverse order of tape removal during installation.



6. Remove basket by reversing installation procedure.

7. Remove roll unit by reversing installation procedure.

8. Remove 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 roll holder, holder stopper, and printer in shipping materials, and then package them in 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.

⚠ Caution

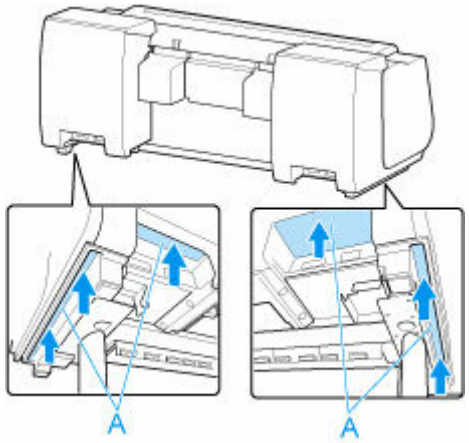
- The Stand must be assembled by at least two people on a flat surface. Attempting assembly by yourself poses a risk of injury or bending the Stand.
- When assembling the Stand, lock the casters. In addition, always unlock the casters before moving the assembled Stand. Attempting to move the stand when the casters are locked poses a risk of injury or damage to the location site.

Install the printer

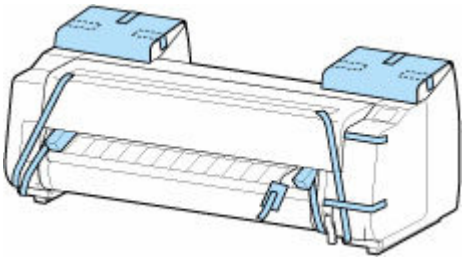
1. Mount the printer on the assembled Stand and tighten the screws firmly.

⚠ Caution

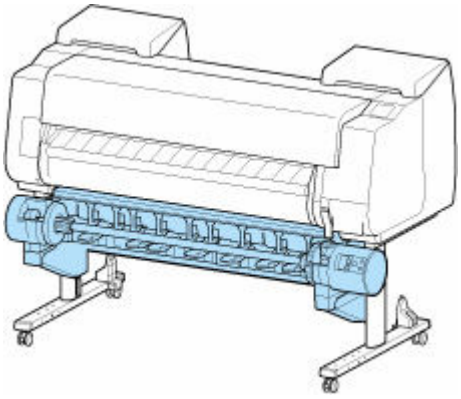
- Moving the printer requires at least six people, holding it on both sides. Be careful to avoid back strain and other injuries.
- When carrying the printer, hold it securely by the carrying grips (A) on the bottom left, right, and rear. The printer may be unsteady if you hold it at other positions, which poses a risk of injury from dropping the printer.



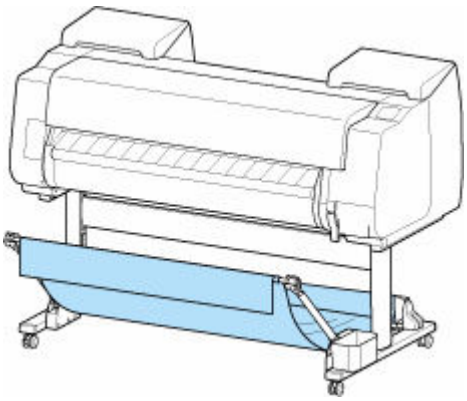
2. Remove tape and packaging material attached to the printer. Also open the top cover and remove stoppers and spacers inside the printer.



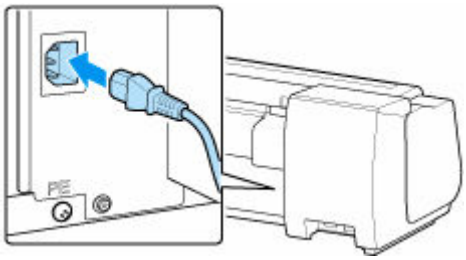
3. If using roll unit, refer to Setup Guide provided with roll unit and attach roll unit to Stand.



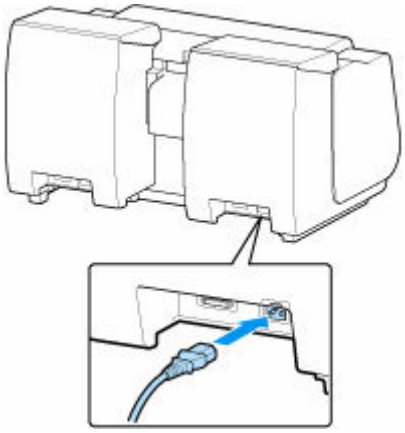
4. If using basket, refer to Printer Stand Setup Guide and attach basket to Stand.



5. Connect the power cord to the power cord connector on the back of the printer.
   - GP-4000 / GP-540



   - GP-2000 / GP-520



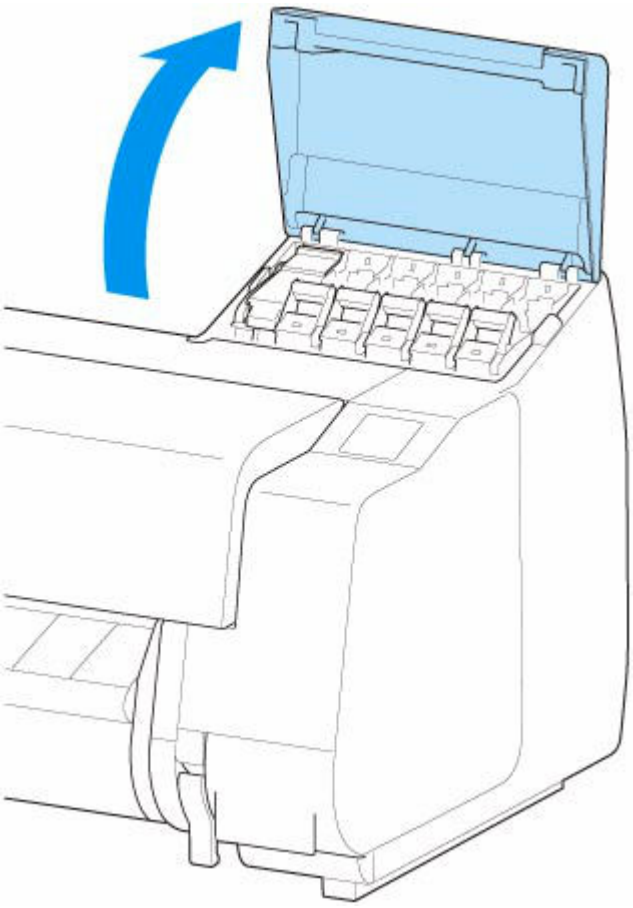
6. Plug the power cord into the outlet.

7. Press the power button to turn the printer on.

   When "**Install the printer here? Do not install the ink tanks yet.**" appears, tap **Yes**.

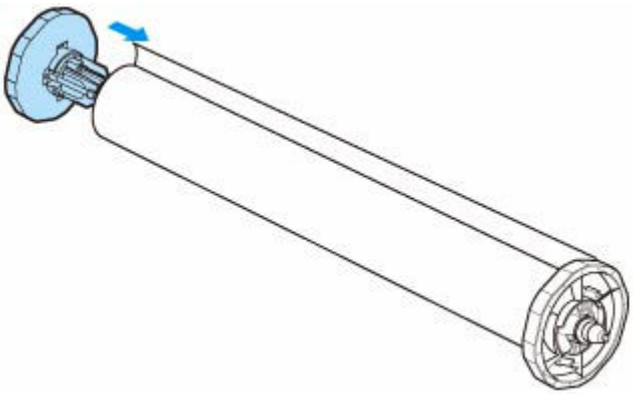
8. When instructions for loading ink tank appear on touch screen, open ink tank cover and load ink tank.

   (See "Replacing Ink Tanks.")



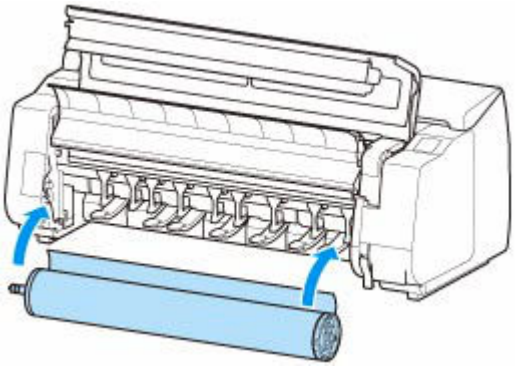
9. Attach the Roll Holder to the Roll Media.

   (See "Loading Rolls on the Roll Holder.")



10. Load the Roll Media in the printer.

    (See "Loading the Upper Roll on the Printer.")



11. Install the software.

Note that the driver installation procedure varies depending on the type of connection.

(See "Installing the Printer Driver" (Windows).)

(See "Installing the Printer Driver" (macOS).)

Important

- When you select **Prepare to move**, any registered web services will be canceled. After moving your printer, set up your web services again.

  ➡ Web service setup

Firmware update

Important

- When you use this function, make sure the printer is connected to the Internet.
- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

Using Operation Panel

1. Tap **Printer settings** on HOME screen.

   Home Screen Menu Composition

2. Tap **Firmware update**.

   Enter the password if it is enabled.

3. Tap **Install update**.

4. Tap **Yes**.

5. Confirm displayed message and tap **Start update**.

Using Remote UI

1. Start up Remote UI.

   Start up Remote UI

2. Select **Firmware update**.

3. Select **Install update**.

4. Confirm displayed message and select **Update**.

   Note

   - If the firmware update is not complete, check the following and take an appropriate action.
     - Check the network settings such as a wireless router.
     - If **Cannot connect to the server.** is displayed on the touch screen, select **OK** and try again after a while.

Specifications

- Specifications
- Print Area

Specifications

- Printer specifications
  - GP-4000 / GP-540
  - GP-2000 / GP-520
- Printing performance
- Memory and hard disk
- Interface
- Network Specifications
- Operating Conditions
- Ink
- Paper

Important

- The following values may vary depending on the operating environment.

Printer specifications

GP-4000 / GP-540

Power supply	100-240 V AC (50/60 Hz)
Power consumption	**When printing:** Approx. 115 W *1 **In Sleep mode:** Approx. 1.8 W *1 **Standby (all ports connected):** Approx. 2.2 W **When power is off:** Approx. 0.2 W *2 *1 Wired LAN connection *2 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.
Operating environment	**Temperature:** 59 to 86 °F (15 to 30 °C) **Humidity:** 10 to 80 % RH (with no condensation)
Dimensions (W x D x H)	**Printer only:** Approx. 62.8 x 28.9 x 24.8 in. (1593 x 734 x 628 mm) **Printer and Stand (when basket is not used):** Approx. 62.8 x 30.2 x 46 in. (1593 x 766 x 1168 mm) **Printer and Stand (when using basket: basket position 1) *:** Approx. 62.8 x 38.8 x 46 in. (1593 x 984 x 1168 mm) **Printer and Stand (when using basket: basket position 2/4/5) *:** Approx. 62.8 x 48.2 x 46 in. (1593 x 1222 x 1168 mm) **Printer and Stand (when using basket: basket position 3) *:** Approx. 62.8 x 56.5 x 46 in. (1593 x 1434 x 1168 mm) * For details on the Basket Position, see Example Basket Configurations.

	Stand may not be provided depending on the region where the printer is purchased.
Weight	**Printer only (without print head and ink tanks):** Approx. 233 lb (106 kg) **Stand and basket:** Approx. 40 lb (18 kg) **Roll unit:** Approx. 46 lb (21 kg)
Space for installation (W x D x H)	**Printer and Stand (when using basket: basket position 1) *:** Approx. 78.5 x 66.3 x 61.5 in. (1993 x 1684 x 1560 mm) * For details on the Basket Position, see Example Basket Configurations.

GP-2000 / GP-520

Power supply	100-240 V AC (50/60 Hz)
Power consumption	**When printing:** Approx. 99 W *1 **In Sleep mode:** Approx. 1.7 W *1 **Standby (all ports connected):** Approx. 2.3 W **When power is off:** Approx. 0.2 W *2 *1 Wired LAN connection *2 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.
Operating environment	**Temperature:** 59 to 86 °F (15 to 30 °C) **Humidity:** 10 to 80 % RH (with no condensation)
Dimensions (W x D x H)	**Printer only:** Approx. 43.8 x 28.9 x 24.8 in. (1110 x 734 x 629 mm) **Printer and Stand (when basket is not used):** Approx. 43.8 x 30.2 x 46 in. (1110 x 766 x 1168 mm) **Printer and Stand (when using basket: basket position 1) *:** Approx. 43.8 x 38.8 x 46 in. (1110 x 984 x 1168 mm) **Printer and Stand (when using basket: basket position 2/4/5) *:** Approx. 43.8 x 48.2 x 46 in. (1110 x 1222 x 1168 mm) **Printer and Stand (when using basket: basket position 3) *:** Approx. 43.8 x 56.5 x 46 in. (1110 x 1434 x 1168 mm) * For details on the Basket Position, see Example Basket Configurations. Stand may not be provided depending on the region where the printer is purchased.
Weight	**Printer only (without print head and ink tanks):** Approx. 187 lb (85 kg) **Stand and basket:** Approx. 37 lb (17 kg)

	Roll unit: Approx. 37 lb (17 kg)
Space for installation (W x D x H)	**Printer only:** Approx. 59.5 x 56.5 x 40.2 in. (1510 x 1434 x 1021 mm) **Printer and Stand (when using basket: basket position 1) *:** Approx. 59.5 x 66.3 x 61.5 in. (1510 x 1684 x 1560 mm) * For details on the Basket Position, see Example Basket Configurations.

Printing performance

Print method	Bubblejet
Maximum resolution	2400 dpi (horizontally) * x 1200 dpi (vertically) * Prints with a minimum 1/2400 inch dot pitch between ink droplets.
Print head	PF-10
Number of nozzles	18432 nozzles (1536 nozzles per color)

Memory and hard disk

Memory	3 GB
Hard disk capacity	500 GB **Personal mail boxes (Permanent storage area):** 308 GB
Print job storage capacity	**Common Box:** 100 jobs **Personal Boxes:** 100 jobs

Interface

USB and the network can be used at the same time.

You cannot use Wi-Fi and wired LAN at the same time.

USB	Hi-Speed USB * * To use Hi-Speed USB, your computer must support Hi-Speed USB. Additionally, the Hi-Speed USB interface is completely backward compatible with USB 1.1, so the printer can be connected even if the computer interface is USB 1.1.
USB memory	USB flash drive
LAN	**Wired LAN:** IEEE802.3ab (1000BASE-T) / IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) **Wi-Fi:** IEEE802.11n / IEEE802.11g / IEEE802.11b

Network Specifications

Communication protocol	SNMP, HTTP, TCP/IP (IPv4/IPv6), FTP
Wired LAN specifications	**Compliance standards:** IEEE802.3ab (1000BASE-T) / IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) **Transmission speed:** 10 Mbps / 100 Mbps / 1000 Mbps (automatically selected) **Security:**IEEE802.1X (EAP-TLS/EAP-TTLS/PEAP)
Wi-Fi specifications	**Compliance standards:** IEEE802.11n / IEEE802.11g / IEEE802.11b **Frequency range:** 2.4 GHz **Channels:** 1-11 or 1-13 * * Varies by country and region. **Effective range:** Indoors 164 feet/50 m * * Varies according to environmental conditions. **Security:** WEP (64/128 bits) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES) **Setup:** WPS (push button method/PIN code method) Easy wireless connect

Operating Conditions

If operating conditions of the operating system are high, follow those.

Windows

Compatible Operating System (Standard supplied printer driver)	Windows 10 Windows 8.1 Windows 7 Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Windows Server 2012 Windows Server 2008 R2 Use the latest Service Pack available.
Free hard disk space	20 GB or more

macOS

Compatible Operating System (Standard supplied printer driver)	macOS High Sierra 10.13.6 - macOS Big Sur 11
Free hard disk space	20 GB or more

Other Supported OS

iOS, iPadOS, Android

Some functions may not be available with the supported OS.

- An Internet connection is required to use the Online Manual.
- To install the software while using Windows, you must have a CD-ROM drive or a network connection.
- To install the software while using macOS, you must have a network connection.

Ink

For information on the ink the printer supports, see Ink Tanks.

Paper

For details on the compatible media types, see Paper Information List.

For details on the paper widths supported by the printer, see Paper Sizes.

For details about Print Area, see Print Area.

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.
- For borderless printing with roll paper, the margin is 0 in. (0 mm).
  - Printing without Edges Based on the Scenarios (Windows)
  - Printing without Edges Based on the Scenarios (macOS)
- Recommended Print Area: We recommend printing within this area.
- To match the document size with the actual printing area, print on oversize paper with the required margin added.
  - Printing to Oversized Paper Sizes (Windows)
  - Printing to Oversized Paper Sizes (macOS)

Sheets

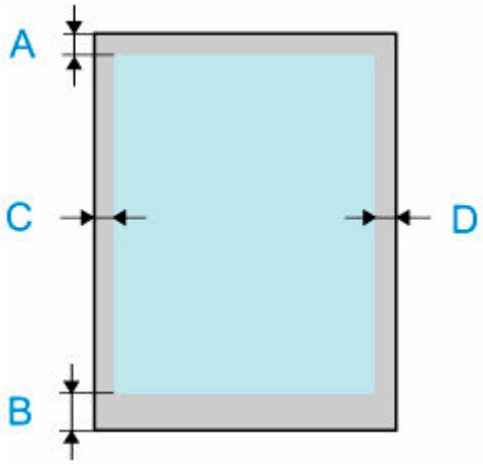
Printable Area:

A margin of 0.2 in. (3 mm) on top, 0.5 in. (12.7 mm) on bottom*, and 0.2 in. (3 mm) on left and right sides is required.

Recommended Print Area:

A margin of 0.8 in. (20 mm) on top, 0.8 in. (20 mm) on bottom*, and 0.2 in. (3 mm) on left and right sides is required.

* The bottom margin for cut sheet depends on an OS and applications.



A: Top Edge
B: Bottom Edge
C: Left Edge
D: Right Edge

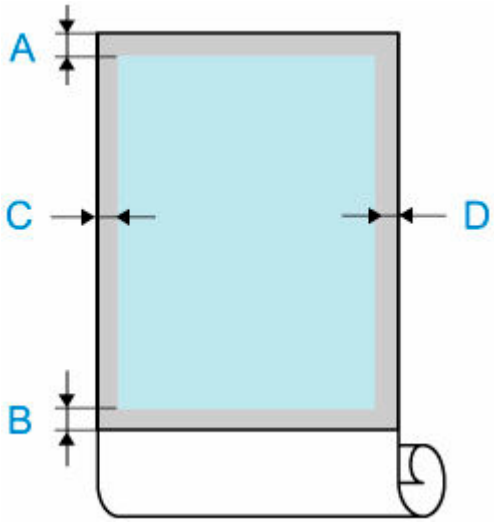
Rolls

Printable Area:

A margin of 0.2 in. (3 mm) on top and bottom and 0.2 in. (3 mm) on left and right sides is required. For borderless printing, the margins on top, bottom, left, and right are 0 in. (0 mm). For paper that supports borderless printing, see Paper Information List.

Recommended Print Area:

A margin of 0.8 in. (20 mm) on top, 0.2 in. (3 mm) on bottom, and 0.2 in. (3 mm) on left and right sides is required.



A: Top Edge
B: Bottom Edge
C: Left Edge
D: Right Edge

Appendix

- Manuals and Their Contents
- Safety
- Online Manual
- Using This Online Manual
- Trademarks and Licenses

Manuals and Their Contents

Quick Guide	Replacing paper, ink tanks, and print head.
Setup Guide	Installing the printer and software.
Printer Stand Setup Guide	Assembling the stand.
Roll Unit Setup Guide	Assembling the roll unit.

Safety

- Safety Precautions
- Regulatory Information
- WEEE (EU&EEA)
- When Repairing, Lending, or Disposing of the Printer

Safety Precautions

Choosing a location

- Never install the printer on an unstable or vibrating surface.
- Do not install the printer in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.
  To avoid the risk of fire or electric shocks, use the printer under the operating environment specified in the Specifications.
- Do not place the printer on a thick rug or carpet.
- Do not place the printer with its back attached to the wall.
- We recommend ensuring ample space for installation.
- Do not install the printer near sources of strong electromagnetic fields, whether equipment that generates such fields or places where such fields occur.

Power Supply

- Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord.
  Pulling the cord may damage the power cord, leading to possible fire or electrical shock.
- Do not use an extension lead/cord.

Working Around the Printer

- Never put your hands or fingers in the printer while it is printing.
- Firmly grasp the carrying grips on each side in the base. Holding the printer at other positions is dangerous and cause injury and damage if the printer is dropped.
- Use the following number of people to hold the printer when transporting the printer by carrying it. The weight may cause pain such as back pain.
  For the GP-4000, GP-540 : 6 people or more
  For the GP-2000, GP-520 : 6 people or more
- When using and transferring the printer, do not tilt it, stand it on its side, or turn it upside down. There is a risk of the ink spilling.
- When transferring the printer tilted, always perform the steps in "Preparing to Transfer the Printer" in order to protect the internal structure.
- Do not place any object on the printer. Especially do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the printer.

Print Heads/Ink Tanks/Maintenance Cartridges

- Keep ink tanks out of the reach of children. In case ink is accidentally licked or swallowed, rinse out mouth or give one or two glasses of water to drink. If irritation or discomfort occurs, obtain medical advice immediately.

- In case ink gets in contact with eyes, rinse with water immediately. In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.
- Never touch the electrical contacts on a print head after printing.
  The metal parts may be very hot and could cause burns.
- Do not throw ink tanks and maintenance cartridges into fire.
- Do not attempt to disassemble or modify the print head, ink tanks, and maintenance cartridges.
- Avoid dropping or shaking print head, ink tanks, and maintenance cartridges.

Regulatory Information

Users in the U.S.A.

FCC Notice (U.S.A. Only)
For 120V, 60Hz model
Model Number: K10549/K10550 (Contains FCC Approved WLAN Module K30357)

Optional parts: Roll Unit RU-23 for GP-2000(K10550)
Optional parts: Roll Unit RU-43 for GP-4000(K10549)

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 a 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 a shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The equipment complies with FCC radiation exposure limits for at uncontrolled equipment. This equipment should be installed and operated with minimum distance at least 20cm between the radiator and persons body (excluding extremities: hands, wrists, feet and ankles) and must not be colocated or operated with any other antenna or transmitter.

Canon U.S.A., Inc.
One Canon Park
Melville, New York 11747
1-800-652-2666

Interference

Do not use the printer around medical equipment or other electronic devices. Signals from the printer may interfere with the correct operation of these devices.

WEEE (EU&EEA)

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, or 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, oder 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 spécifient 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, ou 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 weggooien 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, of 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, o www.canon-europe.com/battery.

Només per a la Unió Europea i a l’Espai Econòmic Europeu (Noruega, Islàndia i Liechtenstein)

Aquests símbols indican 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, o 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, o www.canon-europe.com/battery.

Apenas para a União Europeia e AEE (Noruega, Islândia e Liechtenstein)

Estes símbolos indicam que este produto não deve ser eliminado juntamente com o seu lixo doméstico, segundo a Diretiva REEE de 2012/19/UE, a Diretiva de Baterias (2006/66/CE) e/ou a sua legislação nacional que transponha estas Diretivas. 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, ou 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 akkumulatorer. 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, eller 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 ή 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 akkumulatorer. 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, eller www.canon-europe.com/battery.

Vain Euroopan unionin sekä ETA:n (Norja, Islanti ja Liechtenstein) alueelle.

Nämä tunnukset 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. Jos yllä 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 kodinkoneliikkeeseen 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 käyttämääsi jätehuoltoyhtiöön tai käy osoitteessa www.canon-europe.com/weee, tai 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 = Kvicksilver, Cd = Kadmium, Pb = Bly) förekommer i batteriet eller ackumulatorn 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 ackumulatorer 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, eller 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 prováděcích předpisů k těmto směrnicím 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 nebo 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 nehézfémet (Hg = higany, Cd = kadmium, Pb = ólom). E terméket az arra kijelölt gyűjtőhelyre kell juttatni – pl. hasonló termék vásárlásakor a régi becserélésére 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 előírásszerű 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, vagy 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, lub 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. Spoluprácou 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, alebo 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 lektroonikaseadmete 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 tagastamise ja ümbertöötlemise kohta võtke ühendust kohaliku omavalitsusega, asjakohase valitsusasutusega, asjakohase tootjavastutusorganisatsiooniga või olmejäätmete käitlejaga. Lisateavet leitate ka Interneti-leheküljelt www.canon-europe.com/weee või 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 = kadmijs, Pb = svins) un to koncentrācijas līmenis pārsniedz direktīvā par baterijām un akumulatoriem minēto piemērojamo slieksni. 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, vai www.canon-europe.com/battery.

Tik Europos Sąjungai ir EEE (Norvegijai, Islandijai ir Lichtenšteinui)

Šie simboliai reiškia, kad šio gaminio 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 = gyvsidabrio, 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 gaminio 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, arba 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. pooblaščeno trgovino, kjer ob nakupu novega (podobnega) izdelka vrnete starega, ali na pooblaščeno 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 lokalen 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, ali 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 последствия 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, или www.canon-europe.com/battery.

Doar pentru Uniunea Europeană şi EEA (Norvegia, Islanda şi Liechtenstein)

Aceste simboluri indică faptul că acest produs nu trebuie aruncat împreună cu deşeurile menajere, în conformitate cu Directiva DEEE (2012/19/UE), Directiva referitoare la baterii (2006/66/CE) şi/sau legile dvs. naţionale 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 prezenţa în baterie sau acumulator a unui metal greu (Hg = Mercur, Cd = Cadmiu, Pb = Plumb) într-o concentraţie 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 cumpăraţi un produs nou similar sau la un loc de colectare autorizat pentru reciclarea reziduurilor de echipament electric şi electronic (EEE) şi baterii şi acumulatori. Administrarea neadecvată a acestui tip de deşeuri, ar putea avea un impact asupra mediului şi asupra sănătăţii umane datorită substanţelor cu potenţial de risc care sunt în general asociate cu EEE. Cooperarea dvs. în direcţia reciclării corecte a acestui produs va contribui la o utilizare eficientă a resurselor naturale. Pentru mai multe informaţii despre reciclarea acestui produs, vă rugăm să contactaţi biroul dvs. local, autorităţile responsabile cu deşeurile, schema aprobată sau serviciul dvs. responsabil cu deşeurile menajere sau vizitaţi-ne la www.canon-europe.com/weee, sau 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 propisane u Direktivi o baterijama. Ovaj bi proizvod trebalo predati ovlašenom 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 ili 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, ili www.canon-europe.com/battery.

When Repairing, Lending, or Disposing of the Printer

If you have entered personal data, passwords and/or other security settings on the printer, such information may be stored in the printer.

When sending the printer for repair, lending or transferring the printer to another person, or disposing of the printer, please be sure to follow the steps below in order to delete such information and prevent third parties from accessing it.

➡ Initializing Printer's Setting

Online Manual

This manual has been confirmed to be displayed on the following web browsers (latest version).

- Windows device
  Microsoft Edge and Google Chrome
- macOS/iOS/iPadOS device
  Safari
- Android device
  Google Chrome

* Set your browser to allow cookies and enable JavaScript.

Screenshots in This Manual

For Windows:
The screenshots used in this manual are taken with Windows 10.

For macOS:
The screenshots used in this manual are taken with macOS Catalina 10.15.

Enhanced Printing Options

Printing from Your Computer (Windows)

- Printing with Easy Setup Basics
  - Changing the Type of Paper
- Setting the Number of Copies and Printing Order
- Using Roll Unit to Use 2-Level Rolls
  - About 2-Level Roll Switching
  - Setting the Paper Rolls in the Printer According to the Intended Use
  - Printing by Automatically Switching Upper-level and Lower-level Roll Papers
  - How to Switch Paper Rolls
  - Reflect Roll Unit Settings in the Printer Driver
- Printing Photos and Business Documents
  - Printing By Setting Print Purpose
  - Edit in PosterArtist and Print
- Changing the Print Quality and Correcting Image Data
  - Adjusting Color Balance
  - Setting the Print Quality Level (Custom)
  - Printing a Color Document in Monochrome
  - Specifying Color Correction
    - Optimal Photo Printing of Image Data
    - Adjusting Colors with the Printer Driver
    - Printing with ICC Profiles
    - Interpreting the ICC Profile
  - Adjusting Brightness
  - Adjusting Contrast
  - Printing Using Detailed Setting Mode
- Scaled Printing
- Printing to Oversized Paper Sizes
- Setting Paper Dimensions (Custom Size)

- Set a Custom Size Roll Width
- Printing without Edges Based on the Scenarios
  - Printing without Margins to Match Paper Size
  - Printing without Margins to Match Roll Paper Width
  - Printing Full-Size without Margins
  - Three-sided Borderless Printing on Roll Paper
- Printing Hanging and Horizontal Banners (Large-Format Printing)
- Printing by Dividing/Joining Documents
  - Inputting Multiple-file Documents into Free Layout plus
  - Lining Up and Printing Multiple Documents to Cut Sheets
  - Printing by Connecting Multiple Pages
  - Printing Multiple Pages All on One Page
  - Dividing and Printing Posters
- Printing Document in Center of Paper
- Printing by Saving Roll Paper
  - Saving Roll Paper by Rotating Document 90 Degrees
  - Saving Roll Paper by Eliminating Upper and Lower Margins on Document
- Switching the Paper Source to Match the Purpose
- Displaying the Print Results before Printing
- Link with PosterArtist to print with bright colors
- Specify Fluorescent Colors and Print
- Other Convenient Settings
  - Stamp Printing
    - Registering a Stamp
  - Setting a Page Size and Orientation
  - Registering a Frequently Used Printing Profile
  - Cutting Roll Paper after Printing

Printing from Computer (macOS)

- Printing with Easy Setup Basics
  - Changing the Type of Paper
- Setting the Number of Copies and Printing Order
- Using Roll Unit to Use 2-Level Rolls
  - About 2-Level Roll Switching
  - Setting the Paper Rolls in the Printer According to the Intended Use
  - Printing by Automatically Switching Upper-level and Lower-level Roll Papers
  - How to Switch Paper Rolls
  - Reflect Roll Unit Settings in the Printer Driver
- Changing the Print Quality and Correcting Image Data
  - Adjusting Color Balance
  - Setting the Print Quality Level (Custom)
  - Printing a Color Document in Monochrome
  - Specifying Color Correction
    - Optimal Photo Printing of Image Data
    - Adjusting Colors with the Printer Driver
    - Printing with ICC Profiles (Specifying an ICC Profile from the Application Software)
    - Printing with ICC Profiles (Specifying an ICC Profile from the Printer Driver)
    - Interpreting the ICC Profile
  - Adjusting Brightness
  - Adjusting Contrast
- Scaled Printing
- Printing to Oversized Paper Sizes
- Setting Paper Dimensions (Custom Size)
- Set a Custom Size Roll Width
- Print Area
- Printing without Edges Based on the Scenarios
  - Printing without Margins to Match Roll Paper Width
  - Printing Full-Size without Margins

- Three-sided Borderless Printing on Roll Paper
- Printing Hanging and Horizontal Banners (Large-Format Printing)
- Printing by Dividing/Joining Documents
  - Lining Up and Printing Multiple Documents
  - Printing by Connecting Multiple Pages
  - Printing Multiple Pages All on One Page
- Printing Document in Center of Paper
- Printing by Saving Roll Paper
  - Saving Roll Paper by Rotating Document 90 Degrees
  - Saving Roll Paper by Eliminating Upper and Lower Margins on Document
- Switching the Paper Source to Match the Purpose
- Cutting Roll Paper after Printing
- Specify Fluorescent Colors and Print
- Printing Using AirPrint

Printing from Printer

- Printing Data Saved on USB Flash Drive

Printing from Smartphone/Tablet

- Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY
- Printing from iOS Device (AirPrint)

Enlarging Copy with imageRUNNER ADVANCE

Using PIXMA/MAXIFY Cloud Link

Printing from Your Computer (Windows)

- Printing with Easy Setup Basic
- Setting the Number of Copies and Printing Order
- Using Roll Unit to Use 2-Level Rolls
- Printing Photos and Business Documents
- Changing the Print Quality and Correcting Image Data
- Scaled Printing
- Printing to Oversized Paper Sizes
- Setting Paper Dimensions (Custom Size)
- Set a Custom Size Roll Width
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- Printing Document in Center of Paper
- Printing by Saving Roll Paper
- Switching the Paper Source to Match the Purpose
- Displaying the Print Results before Printing
- Link with PosterArtist to print with bright colors
- Specify Fluorescent Colors and Print
- Other Convenient Settings

Printing with Easy Setup

This section describes the simple setting procedure so that you can carry out appropriate printing on this printer.

Printing with Easy Setup

1. Check that printer is turned on

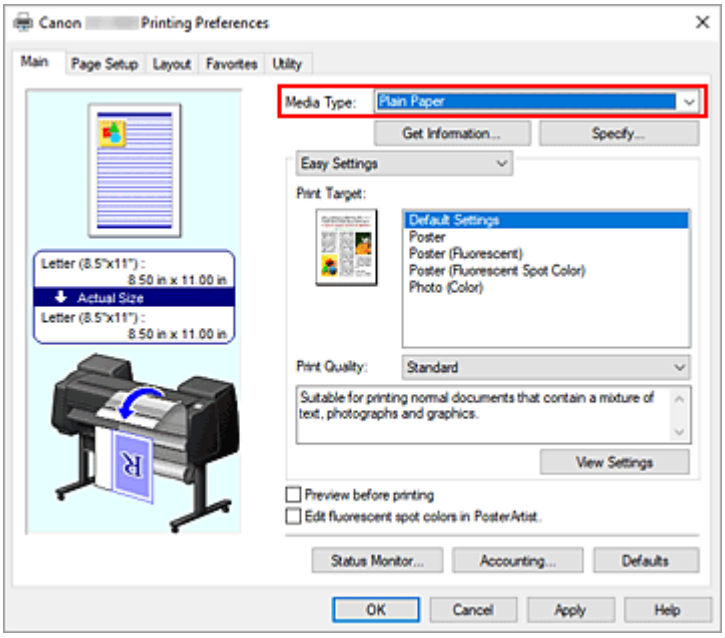
2. Load paper on the printer

   Set roll paper or cut paper to a printer.

3. Open the printer driver setup window

4. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



Important

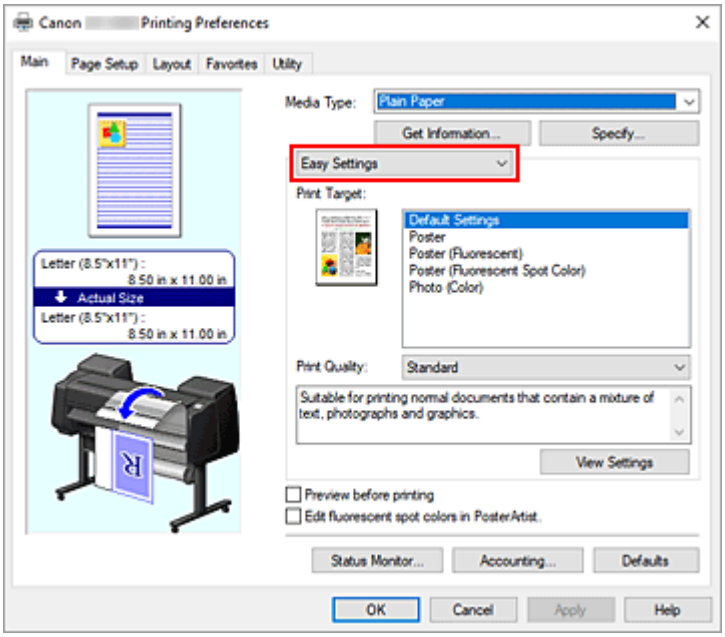
- See "Paper Information List" for Canon authentic paper or Canon output check paper.

Note

- Click **Get Information...** to display the **Paper Information on Printer** dialog box. The **Paper Information on Printer** dialog box allows you to get the paper information from the printer and to set the paper source and the media type on the printer driver.
  If **Roll Paper (Auto)** is selected for the paper source, it will remain as **Roll Paper (Auto)** even if you get the paper information from the printer.
- For instructions on changing the media type from the printer's operation panel, see "Changing the Type of Paper."

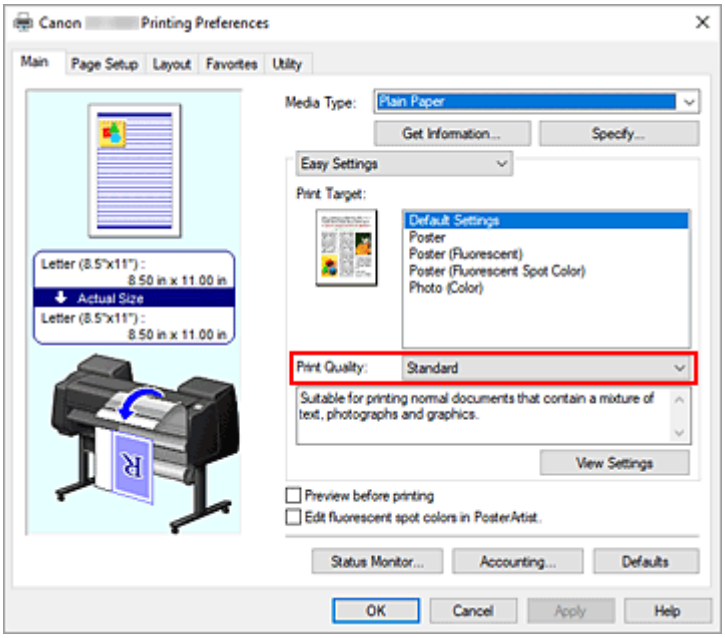
5. Select print target

From the pull-down menu, select **Easy Settings**, and then select the setting that matches your purpose from the **Print Target** list.



6. Select the print quality

For **Print Quality**, select **Highest**, **High** or **Standard** according to your purpose.

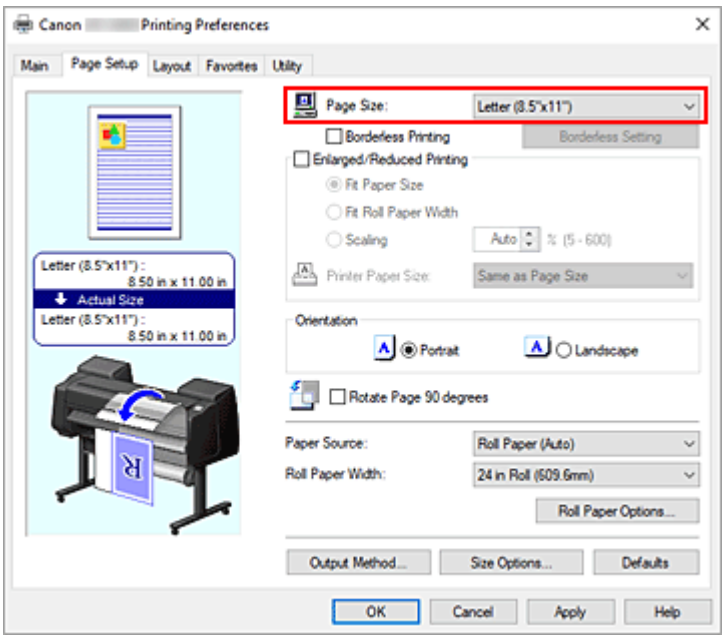


Important

- The print quality settings that can be selected may differ depending on a printing profile.

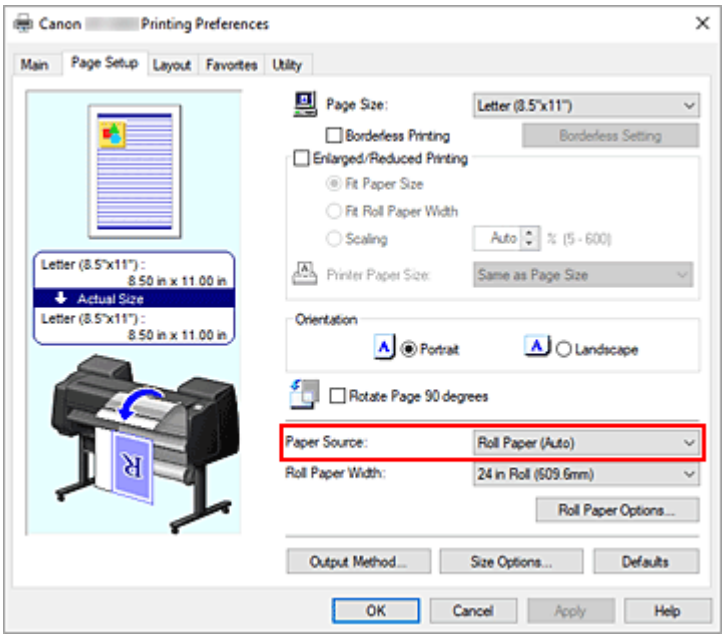
7. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.



8. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

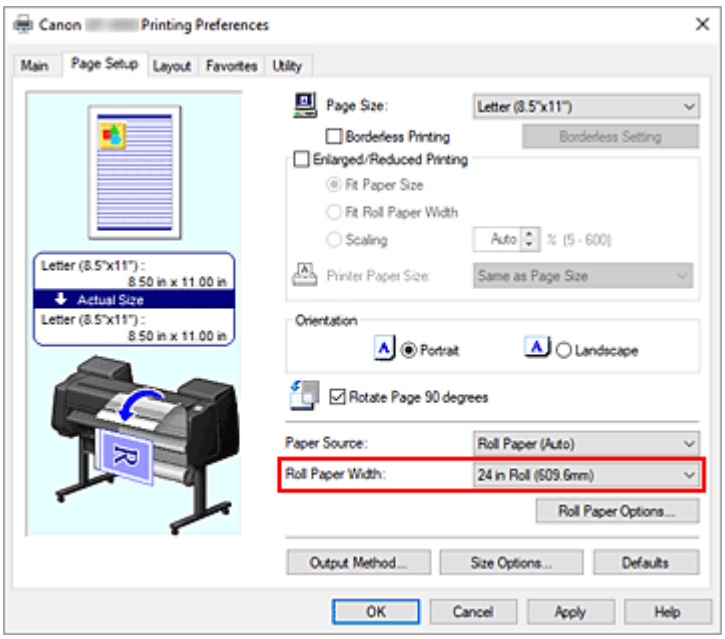


Important

- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

9. Select roll paper width

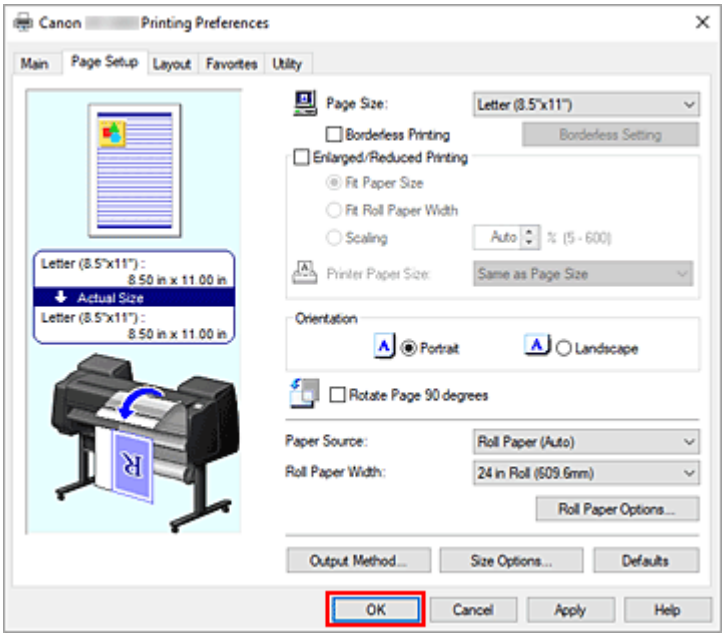
If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.



10. Complete the setup

Click **OK**.

When you print, the document is printed with settings that match your purpose.



Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can execute Print, but you may not obtain the correct printing result.
- Under initial settings, **Print Priority** in **Advanced Settings** is set to **Poster/Photo (Fluorescent)**, so your print data will be printed with bright colors overall.

Checking Printer Settings and Applying Settings to Printer Driver

1. Open printer driver setup window

2. Click **Get Information...** on **Main** tab

   The **Paper Information on Printer** dialog box appears.

3. Select the paper source

   From **Paper Source**, check the setting or select a new paper source.
   The current printer settings appear in **Media Type** and **Roll Paper Width**.

4. Apply settings

   To apply the printer settings to the printer driver, click **OK**.

   Note

   - If the media type and the output paper size are not set on the printer, **OK** will be grayed out and cannot be clicked.
   - If communication with the printer is disabled, the **Get Information...** does not appear or printer media information from the printer cannot be obtained.

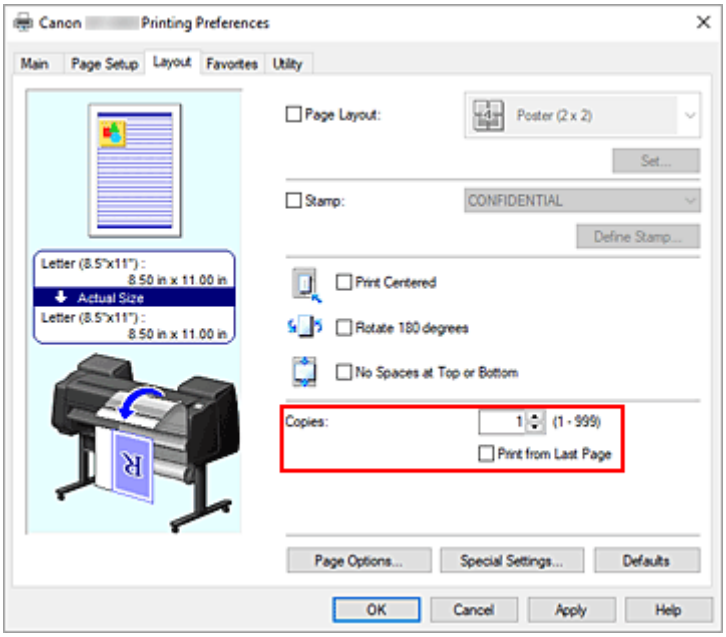
Setting the Number of Copies and Printing Order

The procedure for specifying the number of copies and printing order is as follows:

1. Open the printer driver setup window

2. Specify the number of copies to be printed

   For **Copies** on the **Layout** tab, specify the number of copies to be printed.



3. Specify the print order

   Check the **Print from Last Page** check box when you want to print from the last page in order, and uncheck the check box when you want to print from the first page.

4. Complete the setup

   Click **OK**.
   When you execute print, the specified number of copies will be printed with the specified printing order.

Important

- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order with both the application software and this printer driver, the number of copies may be multiplied numbers of the two settings or the specified printing order may not be enabled.

Using Roll Unit to Use 2-Level Rolls

- About 2-Level Roll Switching
- Setting the Paper Rolls in the Printer According to the Intended Use
- Printing by Automatically Switching Upper-level and Lower-level Roll Papers
- How to Switch Paper Rolls
- Reflect Roll Unit Settings in the Printer Driver

About 2-Level Roll Switching

This printer allows you to load roll paper in two levels. The upper level (Roll 1) and the lower level (Roll 2) can be automatically switched depending on the print job.

Printing by automatically switching Roll 1 and Roll 2 in this way is called "2-level roll switching."

- For instructions on setting the paper, see "Setting the Paper Rolls in the Printer According to the Intended Use."
- For the 2-level roll switching procedure, see "Printing by Automatically Switching Upper-level and Lower-level Roll Papers."
- Guidelines on how to switch Roll 1 and Roll 2 for certain cases are summarized in "How to Switch Paper Rolls."
  Refer to this section if a document cannot be printed as intended or as necessary.

Setting the Paper Rolls in the Printer According to the Intended Use

If you want to switch the 2-level rolls, set the paper rolls on the upper and lower level of the printer in one of the ways described below depending on the intended use.

- When automatically switching from paper roll 1 to paper roll 2 to match the paper size specified for the print job

  Set two paper rolls of the same type of paper but of different width on the upper and on the lower trays.
  Example of how to set the paper

Paper-feeding tray	Roll Width	Media Type
Upper-level	24 in Roll (609.6mm)	Plain Paper
Lower-level	A1/A2 Roll (594.0mm)	Plain Paper

- When automatically switching from paper roll 1 to paper roll 2 role to match the paper type specified for the print job

  Set two paper rolls of the same width but of different types of paper on the upper and on the lower trays. Alternatively, set two paper rolls of different width and different types of paper on the upper and on the lower trays.
  Setting the paper (Example 1)

Paper-feeding tray	Roll Width	Media Type
Upper-level	A1/A2 Roll (594.0mm)	Plain Paper
Lower-level	A1/A2 Roll (594.0mm)	Canon Coated Paper

  Setting the paper (Example 2)

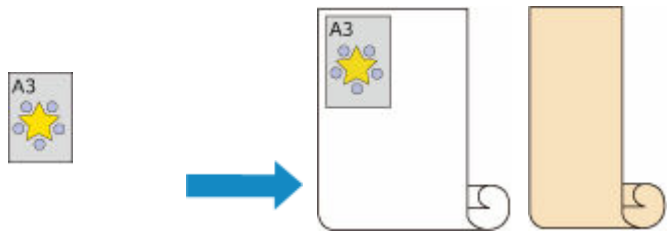
Paper-feeding tray	Roll Width	Media Type
Upper-level	36 in Roll (914.4mm)	Plain Paper
Lower-level	A1/A2 Roll (594.0mm)	Canon Coated Paper

Important

- 2-level roll switching is not possible when the paper rolls being fed on the platen are not compatible with automatic cut-off. For checking which types of paper are compatible with automatic cut-off, look up the paper you want to use on the "Paper Information List."

Note

- For information on how to set the paper rolls in the printer, see "Handling rolls."
- When rolls of different types of paper and of different width are set in the upper and lower trays, the paper roll matching the type of paper specified for the print job will be used.
  Depending on the settings, an error may occur causing the wrong paper roll to be used; in such cases, it is recommended that, instead of using 2-level roll switching, you specify which one is best between paper roll 1 and paper roll 2 and print.



Document Size: A3 Media Type: Plain Paper	Roll 1: ISO A1/A2 Plain Paper	Roll 2: ISO A3/A4 Glossy Paper

- To learn how to switch paper- feeding trays, see "How to switch paper rolls."

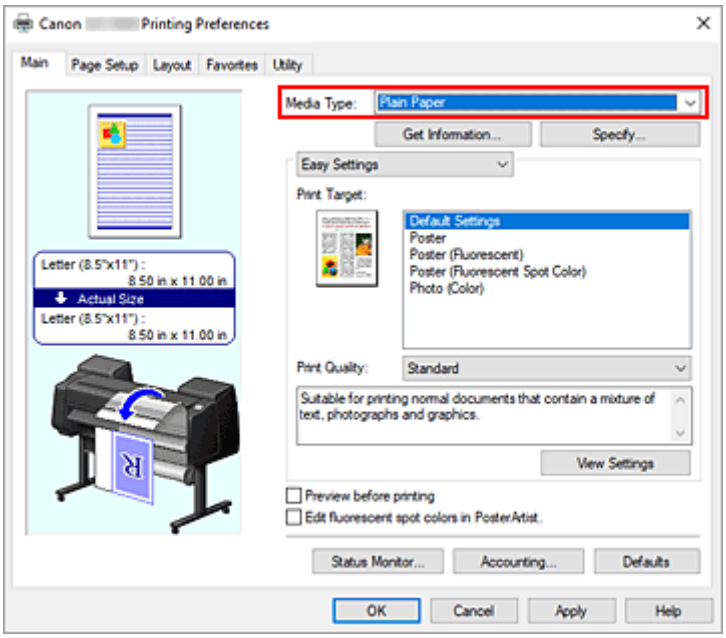
Printing by Automatically Switching Upper-level and Lower-level Roll Papers

You can print by automatically switching Roll 1 and Roll 2 depending on the media type or your purpose.

The procedure for printing by switching the roll papers is as follows:

1. Load roll papers in upper and lower levels of printer
2. Open the printer driver setup window
3. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



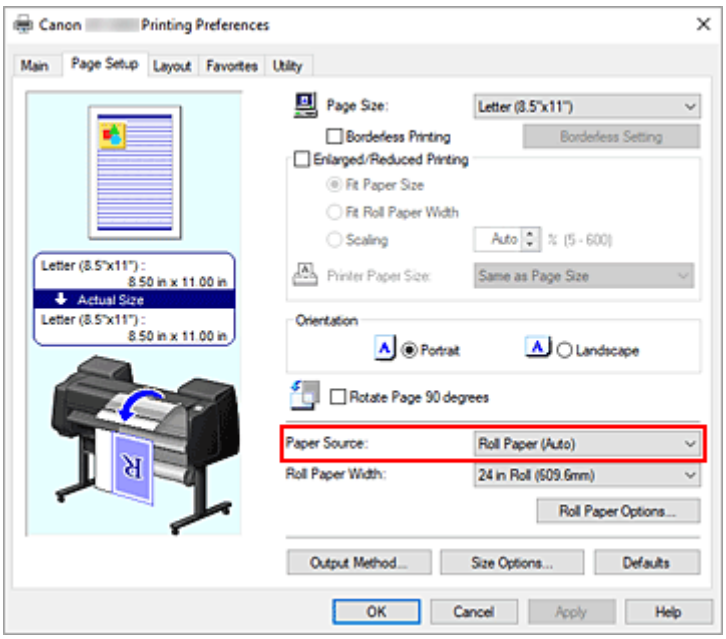
Note

- If **Automatically switch paper sources (paper size priority)** is grayed out, refer to "Reflect Roll Unit Settings in the Printer Driver" and set **Roll Unit** in the **Device Information** dialog box to **Yes**.

4. Select the paper size

   From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

5. For **Paper Source**, select **Roll Paper (Auto)**



6. Select roll paper width

For **Roll Paper Width**, select the width of the roll paper loaded in the printer.

7. Selecting the printing method for the roll paper

When performing enlarged/reduced printing in accordance with the roll width, place a checkmark next to **Enlarged/Reduced Printing** and select the **Fit Roll Paper Width**.

8. Set the other items

To rotate the document 90 degrees and print it, select the **Rotate Page 90 degrees** check box.
The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

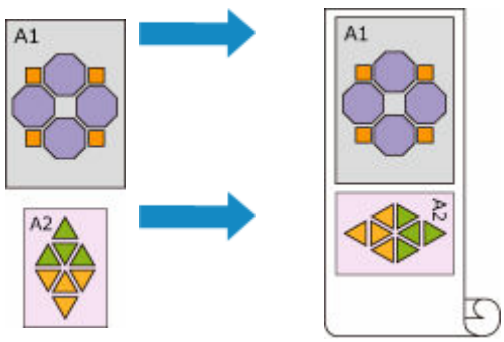
Note

- If you rotate a portrait document 90 degrees and print it at that horizontally, you may be able to save paper depending on the paper size.

Important

- When you select the **Rotate Page 90 degrees** check box and print the document, the document will be rotated 90 degrees only if the vertical length of the document fits in the width set in **Roll Paper Width**.
  Therefore to use this function, correctly set **Roll Paper Width** to the width of one of the roll papers loaded in the printer.

Document	Roll Width: ISO A1/A2 Roll (594.0 mm)



- If the roll papers loaded in the upper and lower levels are different media types, the document is printed on the roll paper that matches the media type specified in the print job.
  If the document is being rotated 90 degrees for printing and the roll papers loaded in the upper and lower levels have different widths and different media types, set the correct combination of width and media type so that they match one of the roll papers loaded in the printer.

9. Complete the setup

Click **OK**.
When you print, the paper source is switched automatically to roll paper.

Important

- On the operation panel, if **Printer settings** -> **Paper-related settings** -> **Roll paper auto switching** is set to **Do not identify size**, the document may be printed on the unintended roll paper. Canon recommends that you set this setting to **Identify size** before you print.
- 2-level roll switching is not possible when the paper rolls being fed on the platen are not compatible with automatic cut-off. For checking which types of paper are compatible with automatic cut-off, look up the paper you want to use on the "Paper Information List."

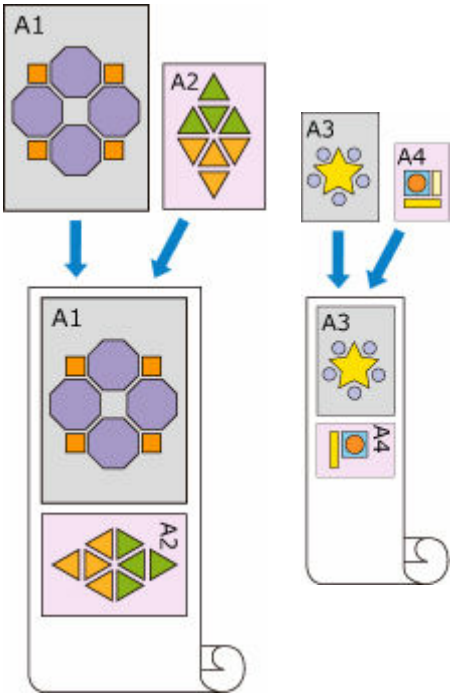
Note

- For details about how to switch the source levels depending on the print job, see "How to Switch Paper Rolls."

Printing by Saving Paper

Depending on the paper size that was specified in the print job, the printer automatically identifies the roll paper that will produce the smaller margins.
Whether or not the page is rotated 90 degrees, the printer prints using conditions that produce the smallest paper margins from among the Roll1 and Roll2 combinations.

Document



Roll 1: ISO A1/A2 Roll 2: ISO A3/A4

1. Display the **Devices and Printers** window

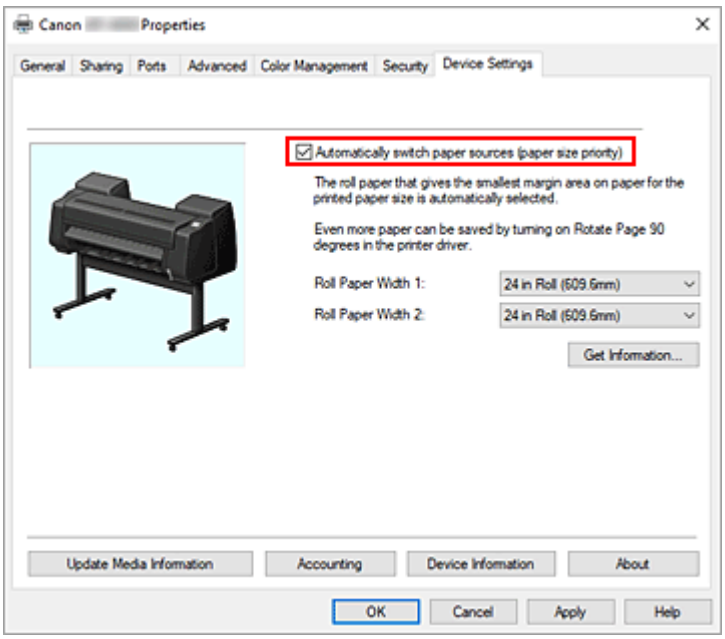
   Select the **Control Panel** -> **Hardware and Sound** (**Hardware**) -> **Devices and Printers**.
   The **Devices and Printers** window is displayed.

2. Display setup window

   Right-click the "Your model name" icon, and select **Printer properties**.
   The printer's **Properties** window appears.

3. Set automatic paper source switching

   On the **Device Settings** tab, select the **Automatically switch paper sources (paper size priority)** check box.



4. Click **Get Information...**

   When the confirmation message appears, click **Yes**.
   Your computer gets the paper size information from the printer and displays the width of the roll paper that is actually loaded in the printer.

   Important

   - When you replace the roll paper loaded in the printer, always click **Get Information...** to obtain the roll paper width information. If the roll paper width is not set correctly, you may not be able to print the document as intended.

5. Open the printer driver setup window

6. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.

7. Select the paper size

   From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

8. For **Paper Source**, select **Roll Paper (Auto)**

9. Select roll paper width

   For **Roll Paper Width**, select the width of the roll paper loaded in the printer.

10. Set the other items

    To rotate the document 90 degrees and print it, select the **Rotate Page 90 degrees** check box.

11. Complete the setup

Click **OK**.

When you print, the paper source is switched automatically to roll paper.

Important

- This method switches the upper and lower levels depending on the paper size specified in the print job. Always load the same media type for the roll papers in the upper and lower levels of the printer. If different types of paper are loaded, an error could occur and you may not be able to print the document as intended.
- If roll papers of the same width and type are loaded in the upper and lower levels and you want to automatically switch the roll papers, clear the **Automatically switch paper sources (paper size priority)** check box.

Note

- If **Roll 1** and **Roll 2** produce the same margins, **Roll 1** is used for printing.

How to Switch Paper Rolls

Here we will explain how, in certain situations, paper roll 1 and paper roll 2 are switched. Refer to this information when necessary, for example, when documents will not print as expected, etc.

If you select **Roll Paper (Auto)** under **Paper Source** in the **Page Setup** tab, of the two paper rolls loaded in the lower and upper trays of the printer, the one best suited for the print job will be automatically selected.

Whether paper roll 1 or paper roll 2 will be used, is determined through a sequence of judgment based on the 7 conditions in the table below.

At such times, the **Printer settings** -> **Paper-related settings** -> **Detect paper setting mismatch** in the Printer unit's Operation panel will switch to the result of the judgment based on the process described below.

- If the **Detect paper setting mismatch** setting is set on **Pause** or **Hold job**
- If the **Detect paper setting mismatch** setting is **Display warning** or **Do not detect**

Important

- If the lower roll unit is not loaded or if the roll unit that was set as the take-up unit is loaded, the roll paper cannot be switched automatically.

Note

- If Error or On hold are displayed, replace the paper to match the requirements of the print job.
- In order to minimize paper waste, it is recommended that you configure the operation panel on the Printer unit as indicated below.
  - In **Printer settings** -> **Paper-related settings**, set **Roll paper auto switching** to **Identify size**
  - In Paper settings display area -> (Each paper type) -> **Paper settings** -> **Advanced**, set **Detect paper width** to **Enable**
- If, on the **Device Settings** tab, a checkmark appears next to **Automatically switch paper sources (paper size priority)**, do not follow the table below.

If the Detect paper setting mismatch setting is set on Pause or Hold job

Condition		Situation	Judgment result
Condition 1	Whether the paper roll loaded on the printer is long enough to print the paper size specified for the print job.	Only one of either paper roll 1 or paper roll 2 is long enough	Select the paper roll of sufficient length
		Neither paper roll 1 nor paper roll 2 are long enough	Error
		Both paper roll 1 and paper roll 2 are long enough	To Condition 2
		On the Printer's menu, **Manage remaining roll amount** is set on **Disable** (length of the paper roll cannot be determined)	
Condition 2	Whether the paper roll loaded on the printer matches the paper type specified for the print job.	Only one of either paper roll 1 or paper roll 2 matches the paper type	Select the paper roll matching the paper type

		Neither roll 1 nor roll 2 match the paper type	Error / On hold
		Both paper roll 1 and paper roll 2 match the paper type	To Condition 3
Condition 3	In the Printer menu, how has the **Roll paper auto switching** setting changed?	It has changed to **Do not identify size**	Select the paper roll currently being fed into the platen *1
		It has changed to **Identify size**	To Condition 4
Condition 4	If borderless printing has been indicated for the print job (if it has not, on to condition 5)	Only one of either paper roll 1 or paper roll 2 is compatible with borderless printing	Select the paper roll compatible with borderless printing
		Neither paper roll 1 nor paper roll 2 are compatible with borderless printing	Error
		Both paper roll 1 and paper roll 2 are compatible with borderless printing	To Condition 5
Condition 5	Whether the width of the paper roll loaded on the printer matches the paper width specified for the print job (only when printing borderless or enlarging/reducing)	Only one of either paper roll 1 or paper roll 2 has the width specified for the print job	Select the paper roll of the matching width
		Neither paper roll 1 nor paper roll 2 have a width matching the one specified for the print job	Error / On hold
		Both paper roll 1 and paper roll 2 have a width matching the one specified for the print job	To Condition 6
		Paper roll width has not been specified for the print job	
Condition 6	Whether the width of the paper size specified for the print job fits within the width of the paper roll loaded on the printer.	The width of the paper size specified for the print job only fits within the width of paper roll 1 or paper roll 2	Select the paper roll in which the width of the paper size fits comfortably
		The width of the paper size specified for the print job does not fit within the width of either paper roll 1 or paper roll 2	Error
		The width of the paper size specified for the print job fits	To Condition 7

		within the width of both paper roll 1 and paper roll 2	
Condition 7	Is the width of paper roll 1 different from the width of paper roll 2?	Roll width is different	Select the paper roll whose width is closer to the width specified for the print job
		Roll width is the same	Select the paper roll currently being fed into the platen *1

*1 In the following cases, neither roll 1 nor roll 2 are being fed onto the platen. In such cases, paper roll 1 is selected.

- When the printer has switched to sleep mode and has returned to the initial position
- When the printer has been turned on
- When cut paper has been fed into the printer and has exited it

If the Detect paper setting mismatch setting is set on Display warning or Do not detect

Condition		Situation	Judgment result
Condition 1	Whether the paper roll loaded on the printer is long enough to print the paper size specified for the print job.	Only one of either paper roll 1 or paper roll 2 is long enough	Select the paper roll of sufficient length
		Neither paper roll 1 nor paper roll 2 are long enough	Error
		Both paper roll 1 and paper roll 2 are long enough	To Condition 2
		On the Printer's menu, **Manage remaining roll amount** is set on **Disable** (length of the paper roll cannot be determined)	
Condition 2	Whether the paper roll loaded on the printer matches the paper type specified for the print job.	Only one of either paper roll 1 or paper roll 2 matches the paper type	Select the paper roll matching the paper type
		Neither roll 1 nor roll 2 match the paper type	To Condition 3
		Both paper roll 1 and paper roll 2 match the paper type	
Condition 3	In the Printer menu, how has the **Roll paper auto switching** setting changed?	It has changed to **Do not identify size**	Select the paper roll currently being fed into the platen *1
		It has changed to **Identify size**	To Condition 4

Condition 4	If borderless printing has been indicated for the print job (if it has not, on to condition 5)	Only one of either paper roll 1 or paper roll 2 is compatible with borderless printing	Select the paper roll compatible with borderless printing
		Neither paper roll 1 nor paper roll 2 are compatible with borderless printing	Error
		Both paper roll 1 and paper roll 2 are compatible with borderless printing	To Condition 5
Condition 5	Whether the width of the paper roll loaded on the printer matches the paper width specified for the print job (only when printing borderless or enlarging/reducing)	Only one of either paper roll 1 or paper roll 2 has the width specified for the print job	Select the paper roll of the matching width
		Neither paper roll 1 nor paper roll 2 have a width matching the one specified for the print job	To Condition 6
		Both paper roll 1 and paper roll 2 have a width matching the one specified for the print job	
		Paper roll width has not been specified for the print job	
Condition 6	Whether the width of the paper size specified for the print job fits within the width of the paper roll loaded on the printer.	The width of the paper size specified for the print job only fits within the width of paper roll 1 or paper roll 2	Select the paper roll in which the width of the paper size fits comfortably
		The width of the paper size specified for the print job does not fit within the width of either paper roll 1 or paper roll 2	To Condition 7
		The width of the paper size specified for the print job fits within the width of both paper roll 1 and paper roll 2	
Condition 7	Is the width of paper roll 1 different from the width of paper roll 2?	Roll width is different	Select the paper roll whose width is closer to the width specified for the print job
		Roll width is the same	Select the paper roll currently being fed into the platen *1

*1 In the following cases, neither roll 1 nor roll 2 are being fed onto the platen. In such cases, paper roll 1 is selected.

- When the printer has switched to sleep mode and has returned to the initial position
- When the printer has been turned on
- When cut paper has been fed into the printer and has exited it

Reflect Roll Unit Settings in the Printer Driver

Reflect printer unit's Roll Unit settings in the printer driver.

If the printer unit settings are reflected in the printer driver, the paper that can be set in the printer driver settings will change to a status suitable to the printer unit status.

The following explains the procedure to reflect Roll Unit settings in the printer driver.

1. Display the **Devices and Printers** window

   Select the **Control Panel** -> **Hardware and Sound** (**Hardware**) -> **Devices and Printers**.
   The **Devices and Printers** window is displayed.

2. Display setup window

   Right-click the "Your model name" icon, and select **Printer properties**.
   The printer's **Properties** window appears.

3. Click the **Device Settings** tab's **Device Information**

   Click **Acquire Status** in the displayed **Device Information** dialog box, and then click **Yes**.
   Printer unit settings will be reflected in the printer driver.

Important

- In the event the lower roll unit is not set or the roll unit is being used as a wrapping device, the value of **Roll Unit** will be set to **No**. In this case, **Automatically switch paper sources (paper size priority)** will be grayed out and cannot be selected. Also, the **Paper Source** items that can be selected in the **Page Setup** tab will change.

Printing Photos and Business Documents

- Printing By Setting Print Purpose
- Edit in PosterArtist and Print

Printing By Setting Print Purpose

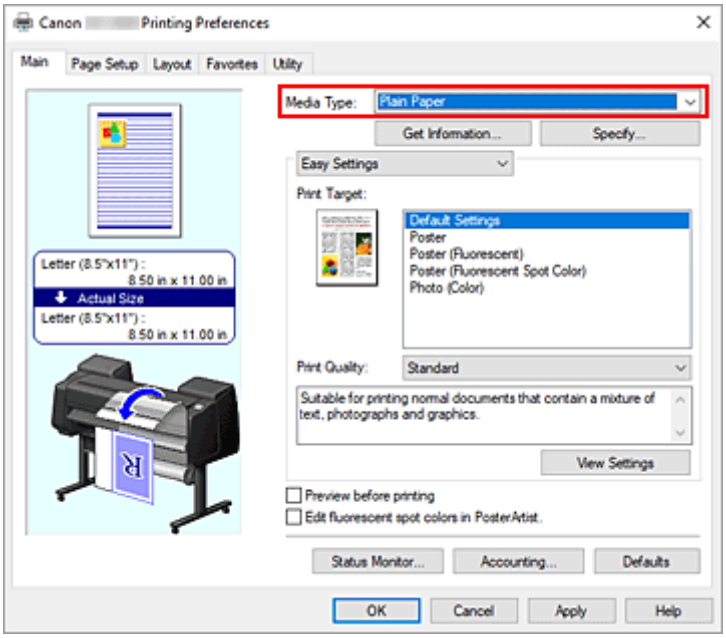
The print settings that are generally used frequently are pre-registered as print purposes. By using a print purpose to print, you can print with settings that match the document.

The procedure for printing by using a print purpose is as follows:

1. Open the printer driver setup window

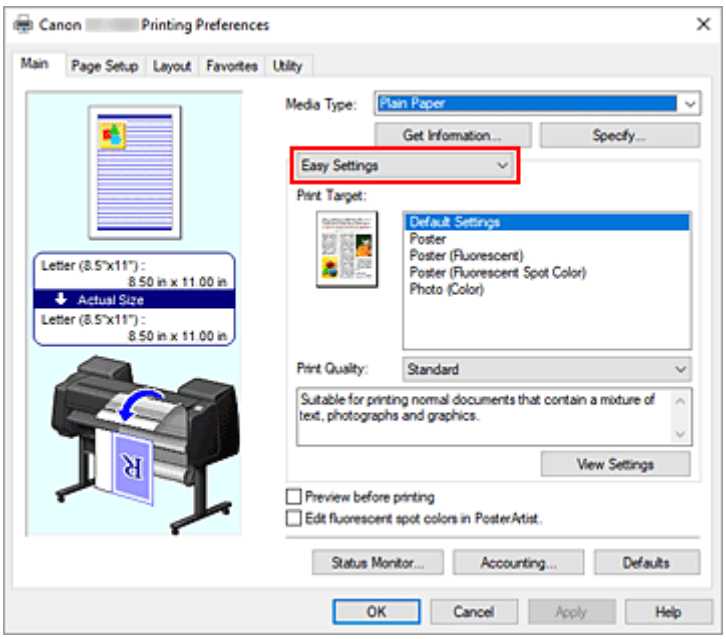
2. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select print setting mode

   From the pull-down menu, select **Easy Settings**.



4. Select print purpose

For **Print Target**, select the setting that matches the document.

Default Settings

Select this when printing general documents such as business documents.

Poster

Select this when printing posters.

Poster (Fluorescent)

Select this when you want to make the entire poster more vibrant.

Poster (Fluorescent Spot Color)

Select this when you want to specify areas of the poster to make more vibrant.

Photo (Color)

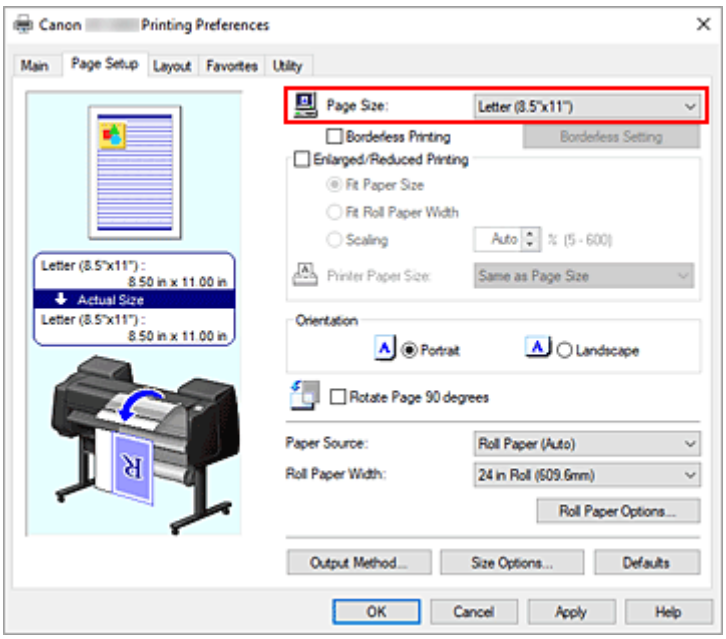
Select this when printing color illustrations or photos.

Note

- To check the settings of the items that are set by **Print Target**, click **View Settings**.

5. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.
The current settings are displayed in the settings preview on the left side of the window.



6. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

Important

- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

7. Set the other items

Set the other items as necessary.

8. Complete the setup

Click **OK**.
When you print, the document is printed with settings to match the specified print purpose.

Edit in PosterArtist and Print

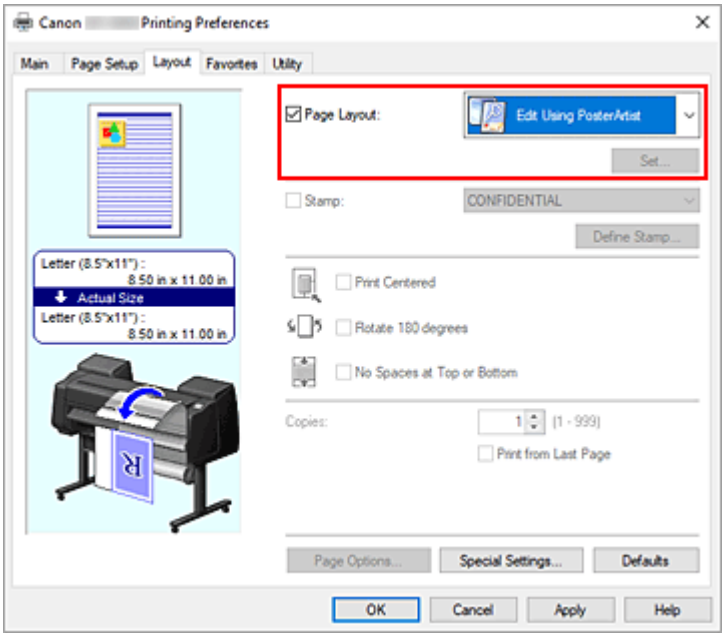
Word processing and spreadsheet software documents and web browser screens, etc. can be edited a print from PosterArtist.

The following explains the procedure for editing original documents made in multiple application software in PosterArtist and printing in a poster layout.

1. Open the printer driver setup window

2. Select edit in PosterArtist

   Check **Page Layout** in the **Layout** tab and select **Edit Using PosterArtist** from the pull-down menu.



   Note

   - **Edit Using PosterArtist** may not be available for use depending on the usage environment.

3. Start up PosterArtist

   Click **OK**.
   When printing is executed, PosterArtist starts up and PageCapture window opens.

4. Select page to get in PosterArtist

5. Edit page in PosterArtist

   Image editing and sorting is implemented in PosterArtist.
   By repeating steps 1 through 4 without closing the PosterArtist window, documents made in multiple application software can be arranged on one page.
   After editing is complete, please print from PosterArtist menu.

Note

- For instructions on how to edit and rearrange images, refer to the PosterArtist manual.

Changing the Print Quality and Correcting Image Data

- Adjusting Color Balance
- Setting the Print Quality Level (Custom)
- Printing a Color Document in Monochrome
- Specifying Color Correction
- Adjusting Brightness
- Adjusting Contrast
- Printing Using Detailed Setting Mode

Adjusting Color Balance

You can adjust the color tints when printing.
Since this function adjusts color balance of the output by changing the ink ratios of each color, it changes the total color balance of the document. Use the application software when you want to change the color balance significantly. Use the printer driver only when you want to adjust the color balance slightly.
The following sample shows the case when color balance is used to intensify cyan and to diminish yellow so that the overall colors are more uniform.

No adjustment

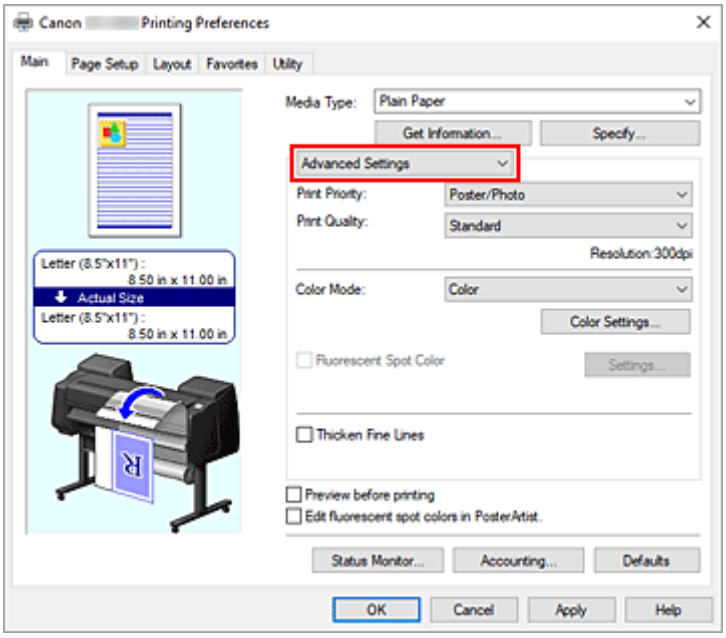
Adjust color balance

The procedure for adjusting color balance is as follows:

1. Open the printer driver setup window

2. Select the advanced settings

   Select **Advanced Settings** from the pull-down menu on the **Main** tab.



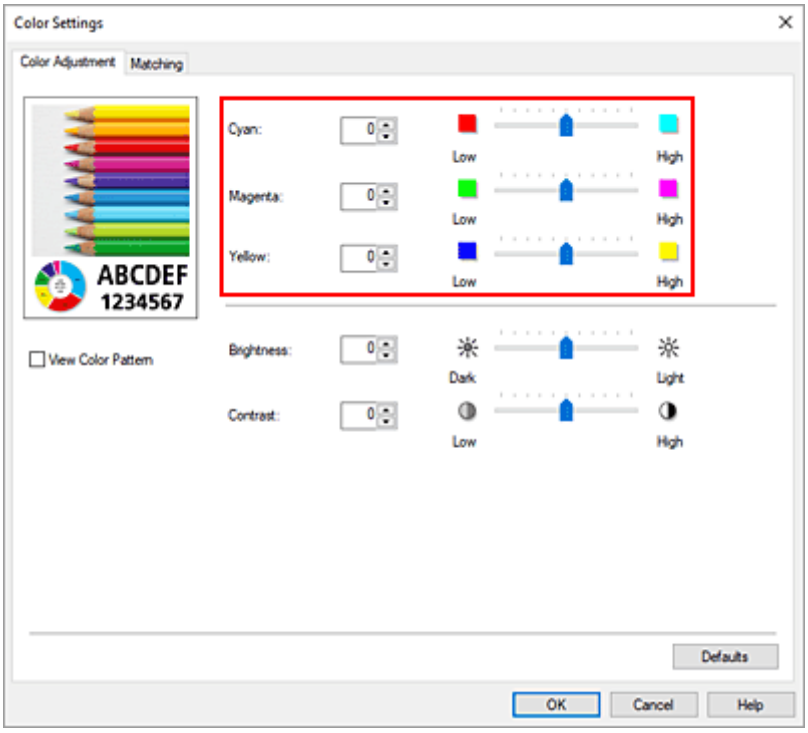
3. Select color mode

   For **Color Mode**, select **Color**, and then click **Color Settings...**.
   The **Color Settings** dialog box appears.

4. Adjust color balance

The **Color Adjustment** tab has individual sliders for **Cyan**, **Magenta**, and **Yellow**. Each color becomes stronger when the corresponding slider is moved to the right, and becomes weaker when the corresponding slider is moved to the left. For example, when cyan becomes weaker, the color red becomes stronger.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.

After adjusting each color, click **OK**.



5. Complete the setup

Click **OK** on the **Main** tab.
When you execute print, the document is printed with the adjusted color balance.

Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Brightness
- Adjusting Contrast

Setting the Print Quality Level (Custom)

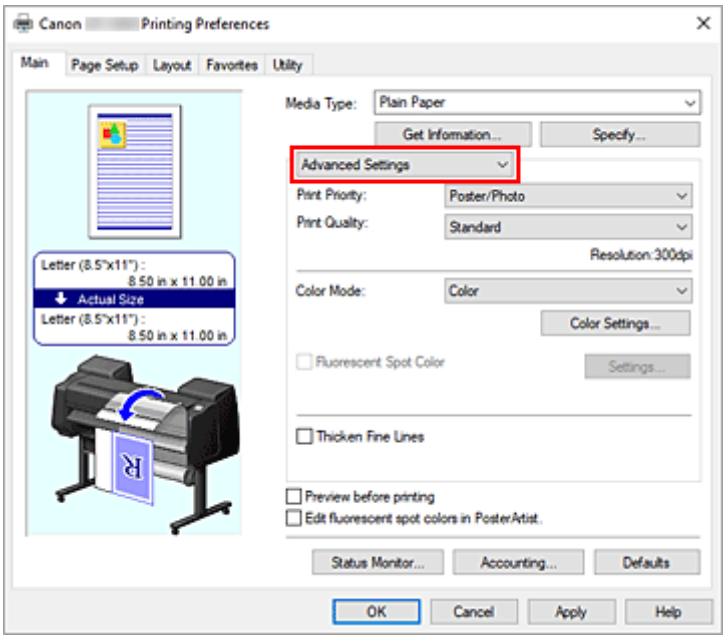
Custom on the **Print Quality** tab allows you to set detailed print quality levels.

The procedure for setting the print quality level is as follows:

1. Open the printer driver setup window

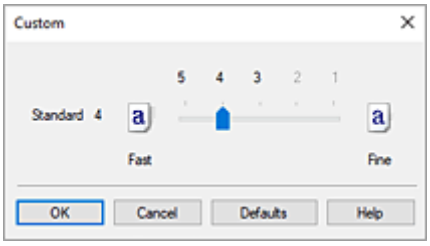
2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.



3. Select the print quality

   For **Print Quality**, select **Custom**.
   The **Custom** dialog box opens.



4. Setting the print quality level

   Drag the slider bar to select the print quality level and click **OK**.

   Important

   - Certain print quality levels cannot be selected depending on the settings of **Media Type**.

5. Complete the setup

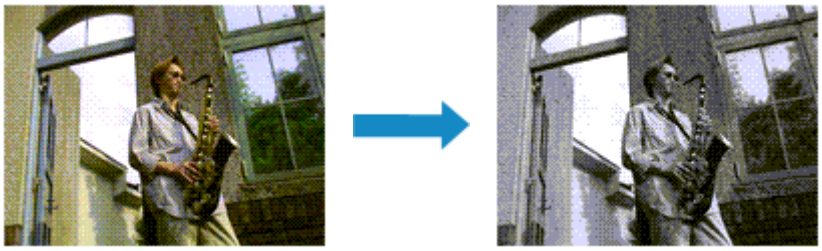
Click **OK** on the **Main** tab.

When you execute print, the image data is printed with the selected print quality level.

Related Topics

- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Contrast

Printing a Color Document in Monochrome

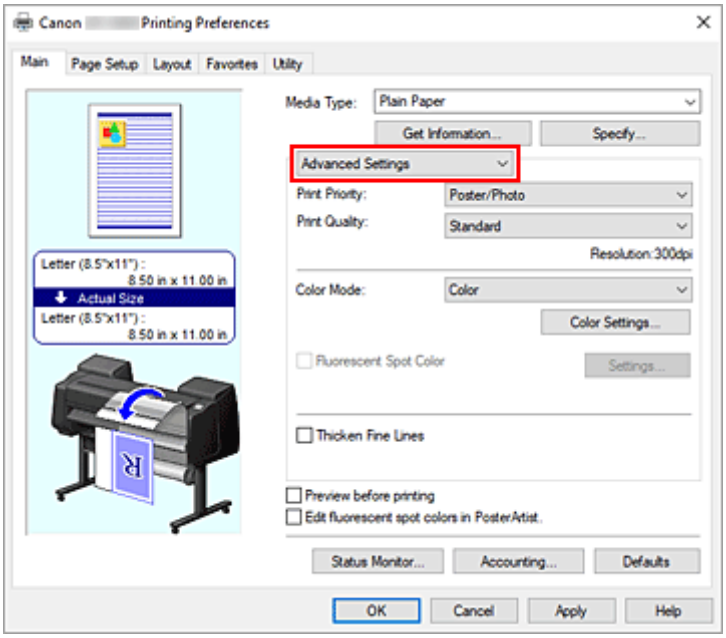


The procedure for printing a color document in monochrome is as follows:

1. Open the printer driver setup window

2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.



3. Select color mode

   For **Color Mode**, select **Monochrome**.

   Note

   - The selectable **Color Mode** depends on the media type selected for **Media Type** on the **Main** tab.

4. Complete the setup

   Click **OK**.
   When you execute print, the document is converted to grayscale data. It allows you to print the color document in monochrome.

Important

- When **Monochrome** is selected, the printer driver processes image data as sRGB data. In this case, actual colors printed may differ from those in the original image data.
  When using the grayscale printing function to print Adobe RGB data, convert the data to sRGB data using an application software.

Note

- When **Monochrome** is selected, inks other than black ink may also be used.

Specifying Color Correction

You can specify the color correction method suited to the type of document to be printed.
Normally, when data is printed, the printer driver automatically adjusts the colors.

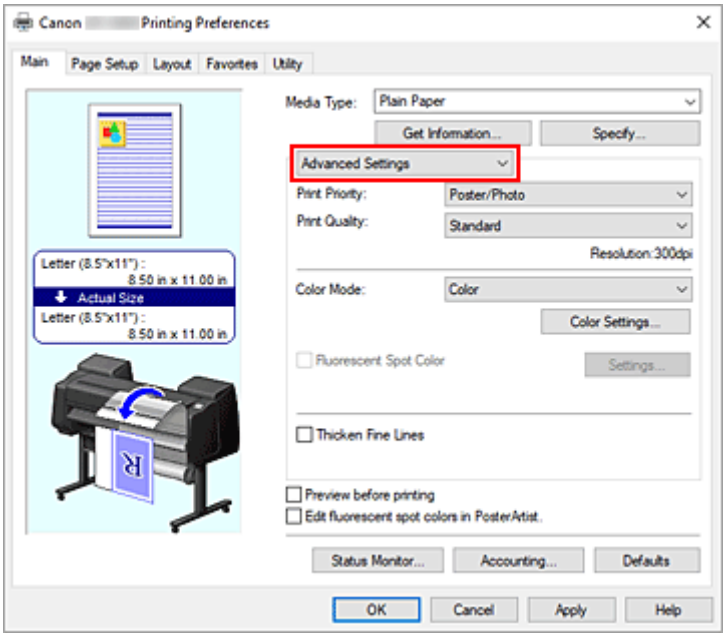
When you want to print by using the color space of the image data effectively, select **ICM** or, **ICC Profile Matching**. When you want to use an application software to specify a printing ICC profile, select **Off**.

The procedure for specifying color correction is as follows:

1. Open the printer driver setup window

2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.

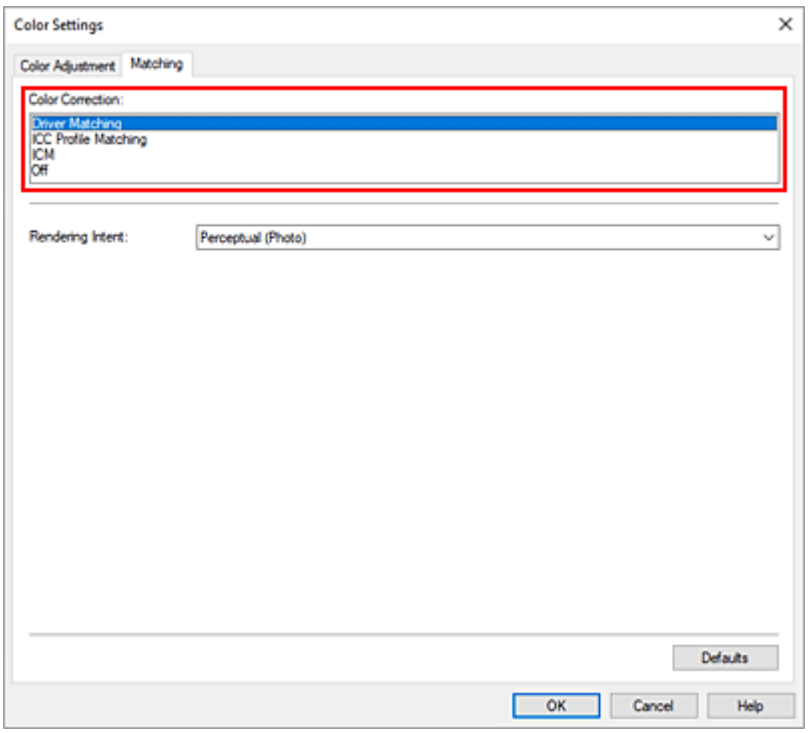


3. Select color mode

   For **Color Mode**, select **Color**, and then click **Color Settings...**.
   The **Color Settings** dialog box appears.

4. Select color correction

   Click **Matching** tab, select **Color Correction** setting that matches your purpose from the following, and click **OK**.



Driver Matching

Print with the optimal color using the printer driver's original color profile. Normally, you should choose this mode.

ICC Profile Matching

Carry out color matching using the ICC profile. Specify the input profile, printer profile and matching method in detail, and select when printing. You can use the digital camera or scanner ICC profile, or the ICC profile created using the profile creation tool.

ICM

Perform color matching on the host computer using the Windows ICM function. Select when printing from an ICM function-compatible application.

Off

Print without performing color matching on the printer driver. Select this when performing color matching using applications such as Adobe Photoshop, or printing a color chart using a profile creation tool.

5. Complete the setup

Click **OK** on the **Main** tab.
When you execute print, the document data is printed with the specified color correction.

Important

- When ICM is disabled in the application software, **ICM** is unavailable for **Color Correction** and the printer may not be able to print the image data properly.

Related Topics

- Optimal Photo Printing of Image Data
- Adjusting Colors with the Printer Driver

- Printing with ICC Profiles
- Interpreting the ICC Profile

Optimal Photo Printing of Image Data

When people print images taken with digital cameras, they sometimes feel that the printed color tones differ from those of actual image or those displayed on the monitor.
To get the print results as close as possible to the desired color tones, you must select a printing method that is best suited to the application software used or to your purpose.

Color Management

Devices such as digital cameras, scanners, monitors, and printers handle color differently. Color management (color matching) is a method that manages device-dependent "colors" as a common color space.

For Windows, a color management system called "ICM" is built into the operating system.
sRGB is one of the common color spaces that is frequently used.

ICC profiles convert device-dependent "colors" into a common color space. By using an ICC profile and carrying out color management, you can draw out the color space of the image data within the color reproduction area that the printer can express.

Note

- Normally, image files are saved in JPEG format. Some digital cameras allow you to save images in a format called RAW. RAW data refers to an image saving format that requires a computer to develop the image. You can embed an input ICC profile tag into a RAW file by using special application software.

Selecting a Printing Method Suited to the Image Data

The recommended printing method depends on the color space of the image data or the application software to be used.

There are two typical printing methods.
Check the color space of the image data and the application software to be used, and then select the printing method suited to your purpose.

Adjusting Colors with the Printer Driver

This section describes the procedure for printing data by using the color correction function of the printer driver.
Select this function when you want to print impressions that are close to those displayed on the monitor, for example, if you corrected the colors while checking the print image on the monitor.

Printing with ICC Profiles

Describes the procedure for printing by using the color space of the image data effectively.
You can print with a common color space by setting up the application software and the printer driver so that the color management matches the input ICC profile of the image data.
The method for setting up the printer driver differs depending on the application software to be used.

Related Topic

- Interpreting the ICC Profile

Adjusting Colors with the Printer Driver

To use printer driver matching when printing, turn on the printer driver's color correction function. Printer driver matching accurately applies the characteristics of data displayed on the monitor and allows you to obtain print results of impressions that are close to those displayed on the monitor.

Important

- When printing using printer driver matching, Canon recommends that you set the monitor and the environment light as follows:
  - Monitor
    Color temperature: D50 (5000K)
    Brightness: 100 to 120cd/m2
    Gamma: 2.2
  - Environment light
    Fluorescent light for D50 color evaluation (color temperature 5000K, high color rendering properties)
    Brightness when looking at printed materials: 500 lx ± 125 lx

Note

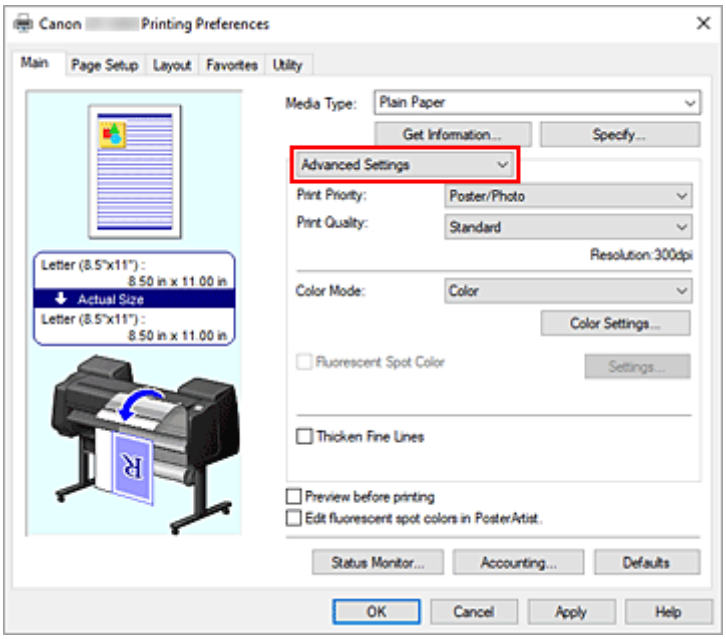
- When printing from an application software that can identify ICC profiles and allows you to specify them, use a printing ICC profile in the application software, and select settings for color management.

The procedure for adjusting colors with the printer driver is as follows:

1. Open the printer driver setup window

2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.

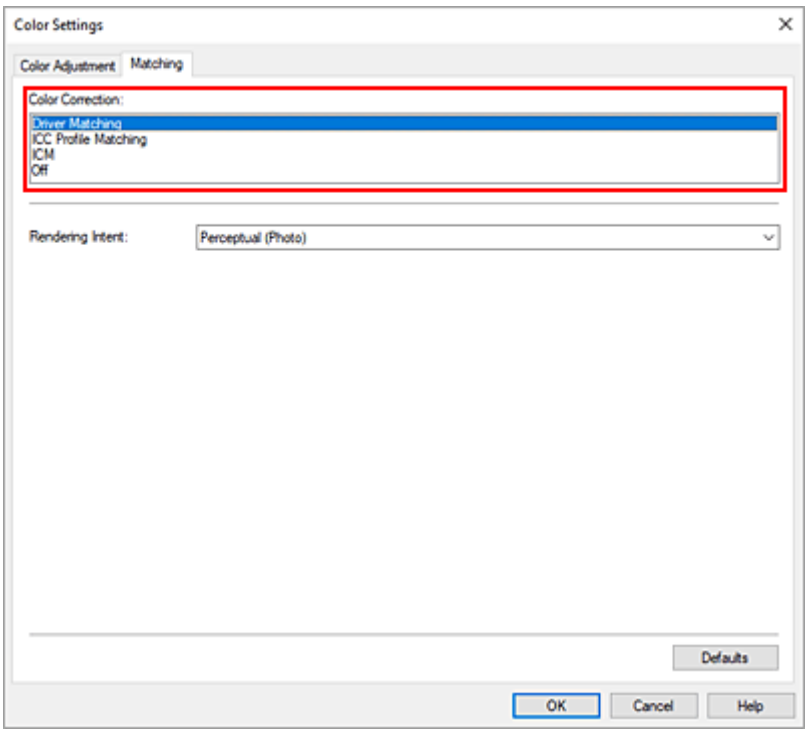


3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**.
The **Color Settings** dialog box appears.

4. Select color correction

Click **Matching** tab, and select **Driver Matching** for **Color Correction**.



5. Select the rendering intent

Select the coloring adjustment method in **Rendering Intent**.

Perceptual (Photo)
Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

Saturation (Poster)
Reproduces vivid colors on data such as a poster.

6. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click OK.

7. Complete the setup

Click **OK** on the **Main** tab.
When you print, the colors get adjusted by the printer driver when printing the data.

Related Topics

➡ Setting the Print Quality Level (Custom)

- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Contrast

Printing with ICC Profiles

When the image data has a specified input ICC profile, you can print by using the color space of the data effectively.

The printer driver setting procedure varies depending on the application software used to print.

Specify an ICC Profile from the Application Software and Print the Data

When you print the editing and touch-up results of Adobe Photoshop, Canon Digital Photo Professional, or any application software that allows you to specify input and printing ICC profiles, you print by effectively using the color space of the input ICC profile specified in the image data.

To use this printing method, use your application software to select color management items and specify an input ICC profile and a printing ICC profile in the image data.
Even if you print using a printing ICC profile that you created yourself or one for special Canon paper, be sure to select color management items from your application software.
For instructions, refer to the manual of the application software you are using.

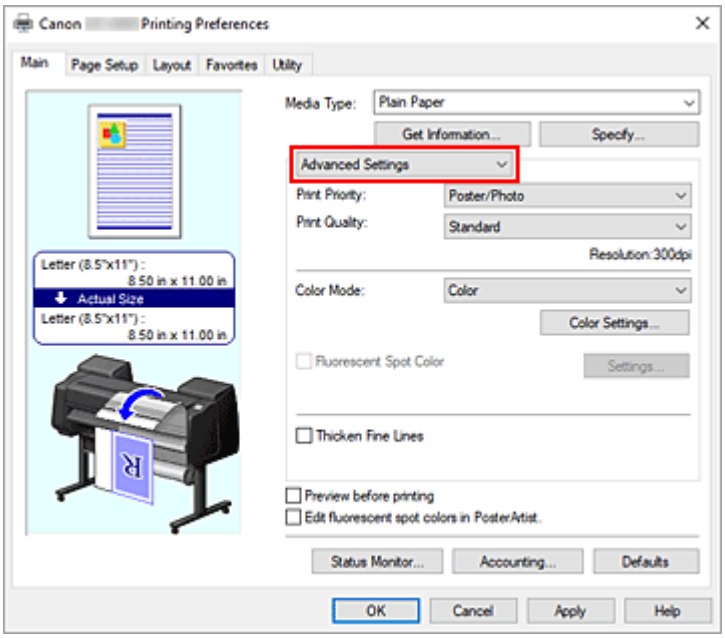
Note

- If you are using fluorescent ink, specify an ICC Profile that has "-F".
  - Interpreting the ICC Profile
  - **Advanced Settings**

1. Open the printer driver setup window

2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.

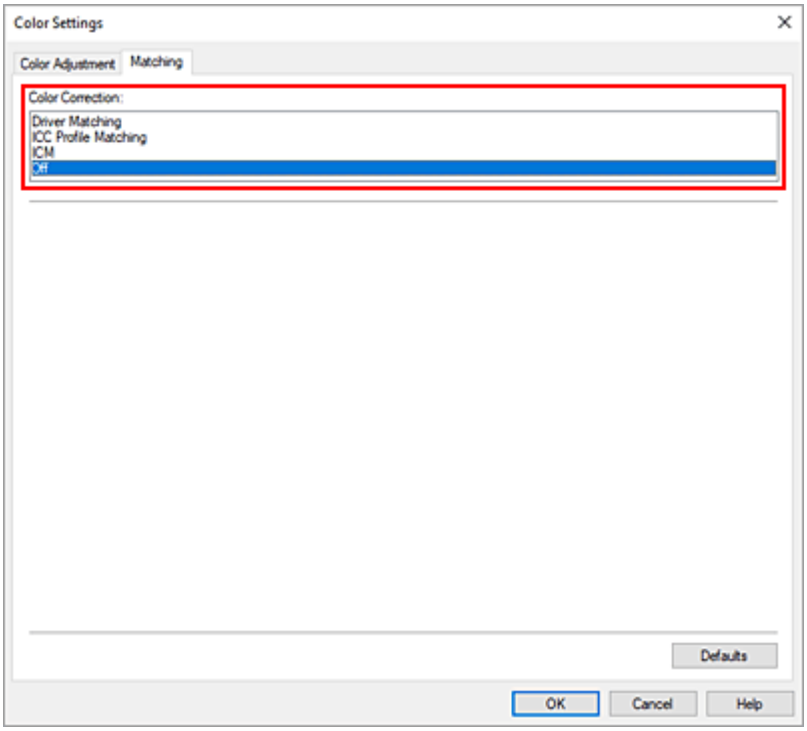


3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**.
The **Color Settings** dialog box appears.

4. Select color correction

   Click **Matching** tab, and select **Off** for **Color Correction**.



5. Set the other items

   If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click **OK**.

6. Complete the setup

   Click **OK** on the **Main** tab.
   When you execute print, the printer uses the color space of the image data.

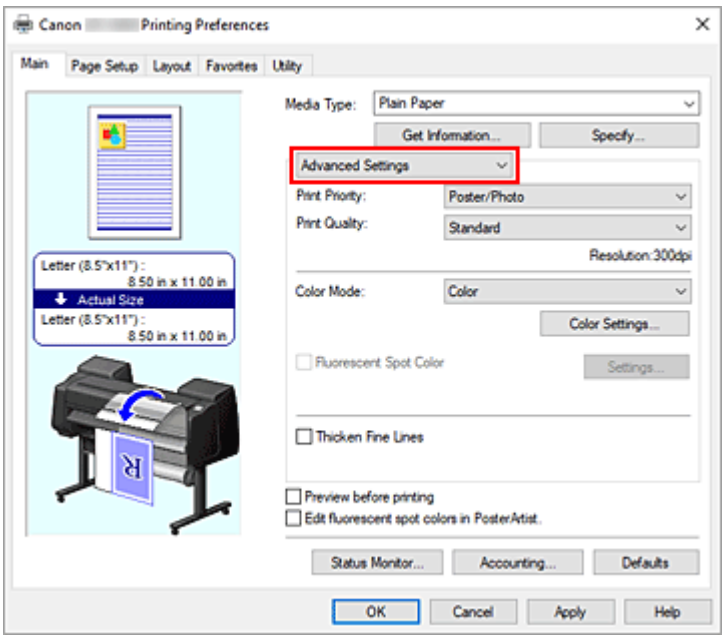
Specify an ICC Profile with the Printer Driver, and then Print

When you print from application software that cannot identity input ICC profiles or does not allow you to specify one, the data color space is printed as sRGB.

1. Open the printer driver setup window

2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.

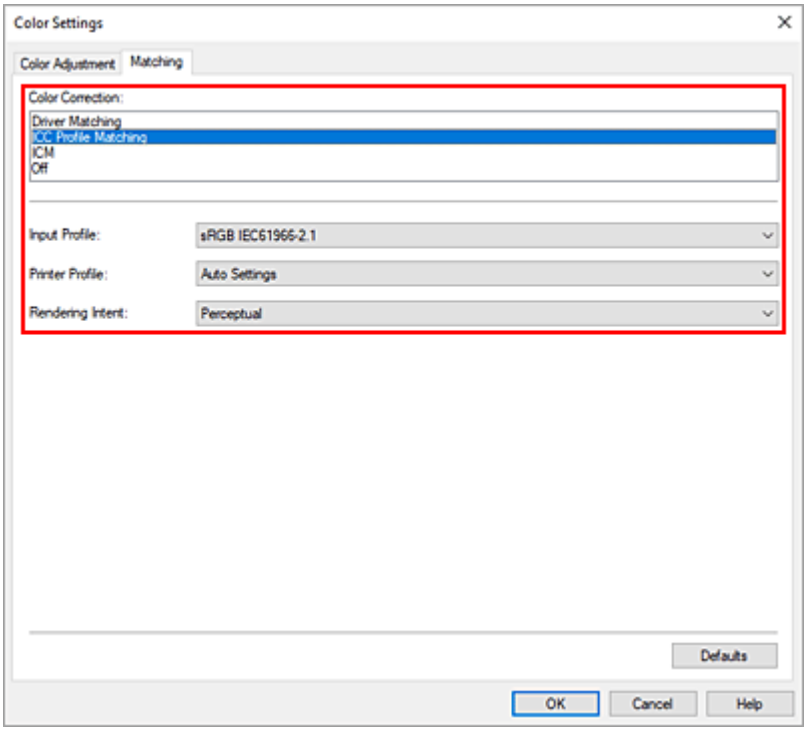


3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**.
The **Color Settings** dialog box appears.

4. Select color correction

Click **Matching** tab, and select **ICC Profile Matching** for **Color Correction**.



5. Select input profile

Select the **Input Profile** you want to use.

Important

- When the application software specifies an input profile, the input profile setting of the printer driver becomes invalid.

6. Select the printer profile

Select **Printer Profile** as follows:

- To set the printer profile automatically:
  Select **Auto Settings**.
- To set the printer profile manually:
  Select a printer profile that matches the media type to be used.

7. Select the rendering intent

Select the coloring adjustment method in **Rendering Intent**.

Perceptual

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

Important

- When you select **Perceptual** to print images, Canon recommends that you set the monitor and the environment light as follows:
  - Monitor
    Color temperature: D50 (5000K)
    Brightness: 100 to 120cd/m2
    Gamma: 2.2
  - Environment light
    Fluorescent light for D50 color evaluation (color temperature 5000K, high color rendering properties)
    Brightness when looking at printed materials: 500 lx ± 125 lx

Saturation

Reproduces vivid colors on data such as a poster.

Relative Colorimetric

When image data is converted to the color space of the printer, this method converts the image data so the color reproduction approximates the shared color regions. Select this method to print image data with colors that are close to the original colors.

Absolute Colorimetric

When **Relative Colorimetric** is selected, white spots are reproduced as white spots of the paper (background color). However, when **Absolute Colorimetric** is selected, how the white spots are reproduced depends on the image data.

Important

- Depending on the media type, you may obtain the same print results even when you change the **Rendering Intent** setting.

8. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click **OK**.

9. Complete the setup

Click **OK** on the **Main** tab.
When you execute print, the printer uses the color space of the image data.

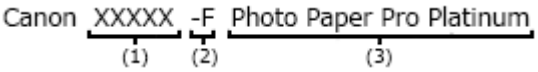
Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Contrast

Interpreting the ICC Profile

When specifying an ICC profile for this printer, specify an ICC profile according to the print output media.

The ICC profiles installed for this printer appear as follows.



- (1) : Printer model
- (2) : Use fluorescent ink if "-F" is displayed
- (3) : Media type
  For the names of compatible paper, check the information for the paper you want to use from "Paper Information List."

Note

- For ICC profiles that display "-P" at the end of the media type, the print results are the same when you set **Rendering Intent** to **Perceptual**, **Saturation** or **Relative Colorimetric**.

Adjusting Brightness

You can brighten or darken the colors of the overall image data during printing.
The following sample shows the case when light colors are darkened when the image data is printed.

No adjustment

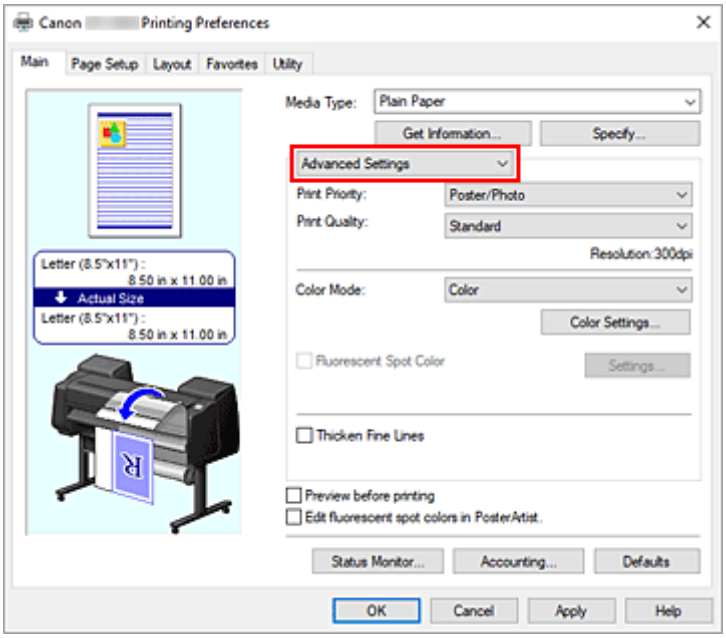
Darken light colors

The procedure for adjusting brightness is as follows:

1. Open the printer driver setup window

2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.

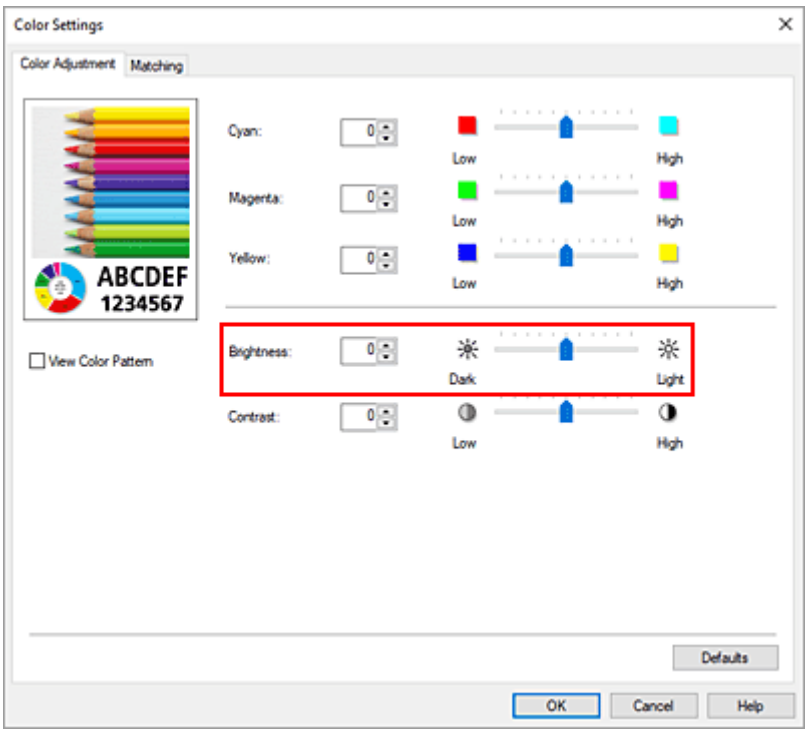


3. Select color mode

   For **Color Mode**, select **Color**, and then click **Color Settings...**.
   The **Color Settings** dialog box appears.

4. Adjust brightness

   On the **Color Adjustment** tab, moving the **Brightness** slider to the right brightens (dilutes) the colors, and moving the slider to the left darkens (intensifies) the colors.
   You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.



5. Complete the setup

Click **OK** on the **Main** tab.
When you execute print, the data is printed at the adjusted brightness.

Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Contrast

Adjusting Contrast

You can adjust the image contrast during printing.
To make the differences between the light and dark portions of images greater and more distinct, increase the contrast. On the other hand, to make the differences between the light and dark portions of images smaller and less distinct, reduce the contrast.

No adjustment

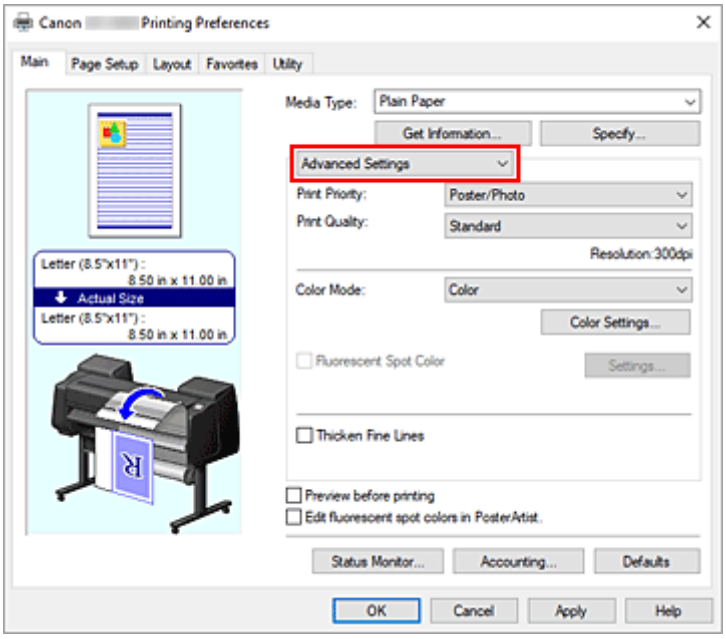
Adjust the contrast

The procedure for adjusting contrast is as follows:

1. Open the printer driver setup window

2. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.



3. Select color mode

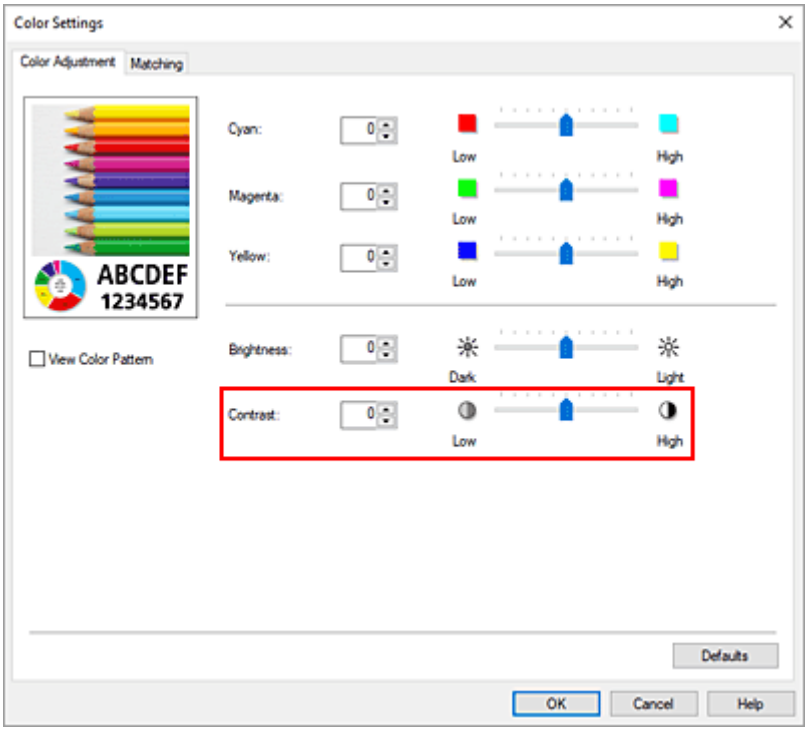
   For **Color Mode**, select **Color**, and then click **Color Settings...**.
   The **Color Settings** dialog box appears.

4. Adjust the contrast

   On the **Color Adjustment** tab, moving the **Contrast** slider to the right increases the contrast, and moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.

After adjusting each color, click **OK**.



5. Complete the setup

Click **OK** on the **Main** tab.
When you execute print, the image is printed with the adjusted contrast.

Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness

Printing Using Detailed Setting Mode

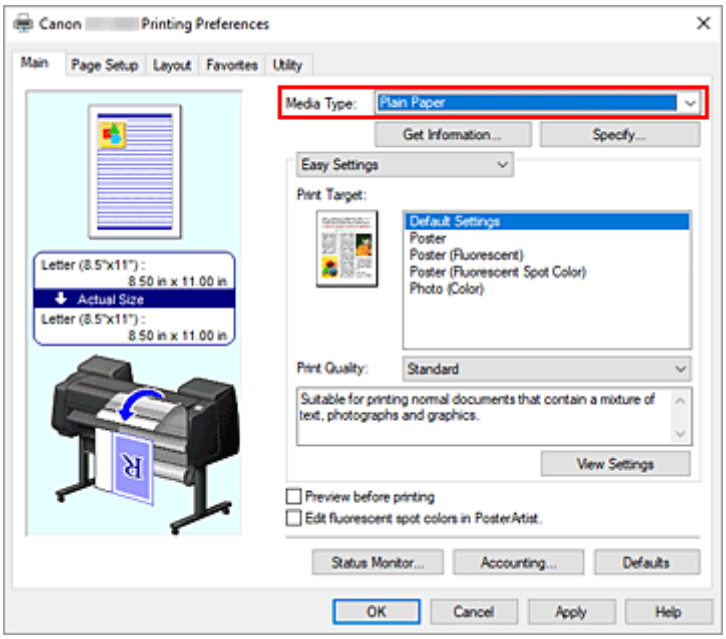
You can print by using your own settings instead of the pre-registered **Print Target** settings.

The procedure for using the detailed setting mode and printing is as follows:

1. Open the printer driver setup window

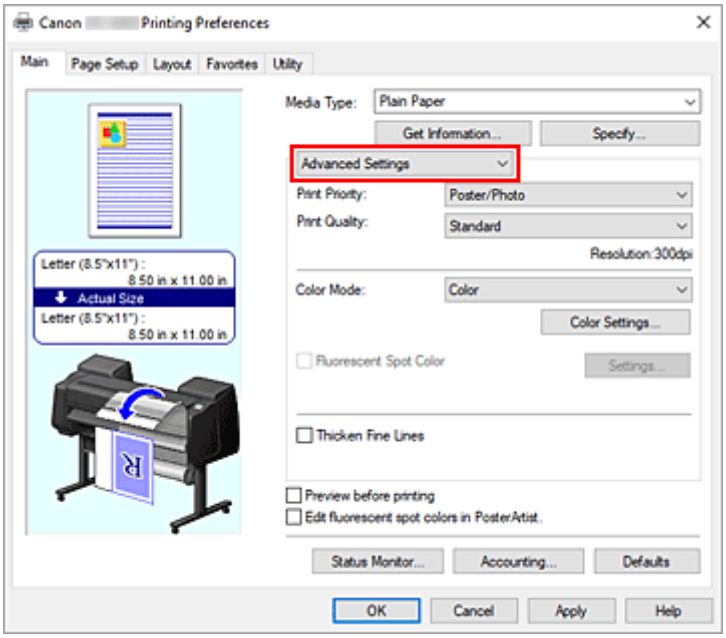
2. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select advanced settings

   From the **Main** tab pull-down menu, select **Advanced Settings**.



4. Set print conditions

Set the following items as necessary.

Print Priority

Select elements to prioritize for print results.

If you select **Poster/Photo (Fluorescent)**, posters and other material will be printed with bright colors.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

Fluorescent Spot Color

Check this check box if you want to print with fluorescent ink.

Color Mode

Selects color adjustment method.

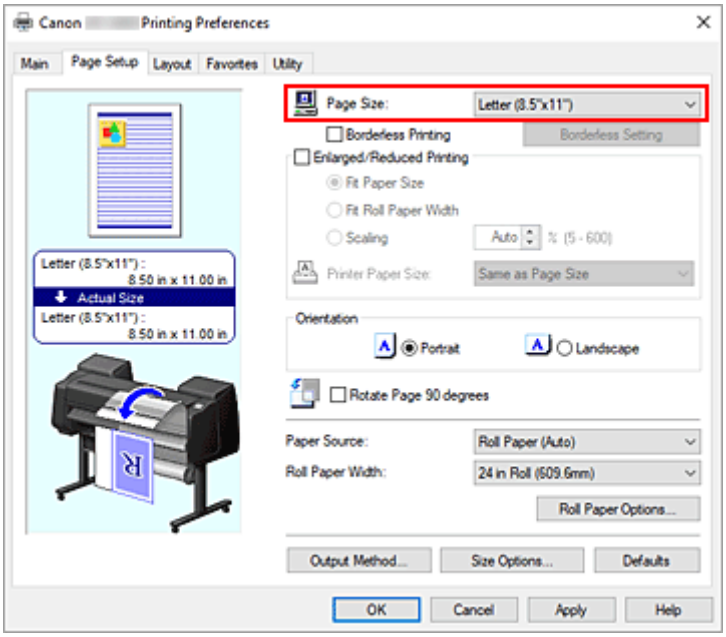
Thicken Fine Lines

To make thin lines thicker and easier to see when printing, add a checkmark.

5. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

The current settings are displayed in the settings preview on the left side of the window.



6. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

Important

- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

7. Set the other items

   Set the other items as necessary.

8. Complete the setup

   Click **OK**.
   When you print, the document is printed with the print conditions you set.

Related Topics

- Adjusting Color Balance
- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Brightness
- Adjusting Contrast
- Specify Fluorescent Colors and Print

Scaled Printing

The procedure for printing a document with pages enlarged or reduced is as follows:

1. Open the printer driver setup window

2. Select the paper size of the document

   Using **Page Size** on the **Page Setup** tab, select the page size that is set with your application software.

3. Select the paper source

   For **Paper Source**, select the setting that matches your purpose.

   Important

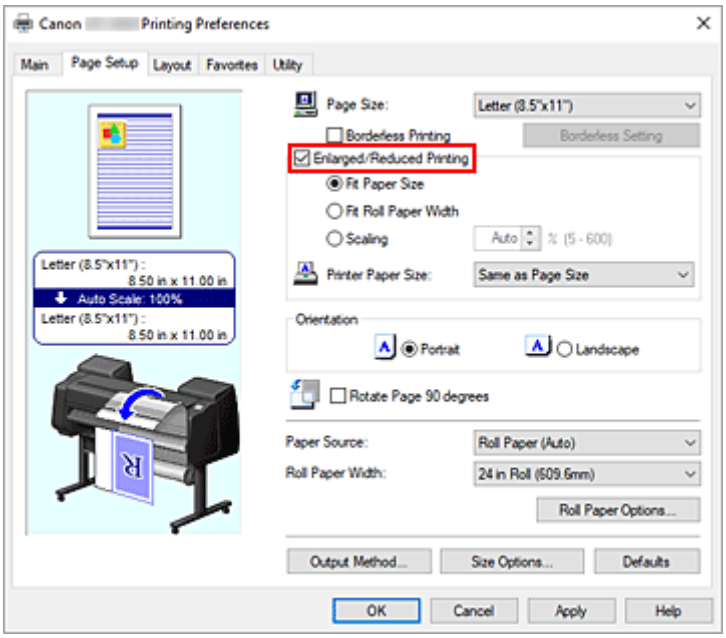
   - The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

4. Select roll paper width

   If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

5. Select scaled printing

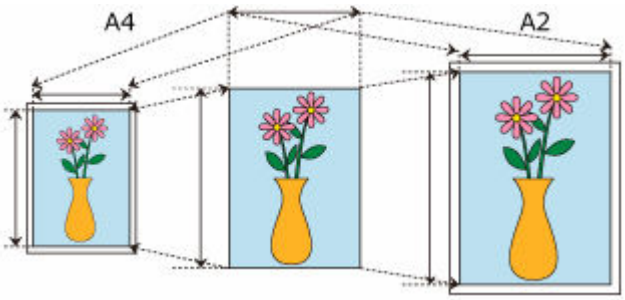
   Check the **Enlarged/Reduced Printing** check box.



6. Set one of scaling methods described below

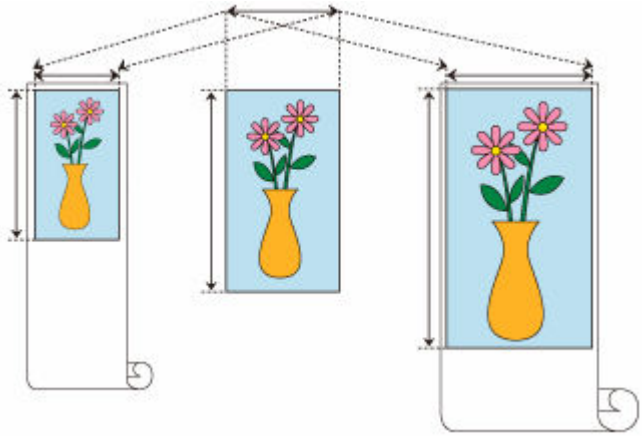
   From the items listed below, select the setting that matches your purpose and select the corresponding check box.
   The current settings are displayed in the settings preview on the left side of the window.

- **Fit Paper Size**



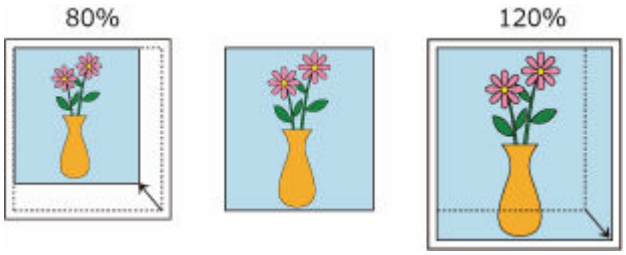
Scales the document to match the paper size.

- **Fit Roll Paper Width**



Scales the document to match the roll paper width.

- **Scaling**



Allows you to specify the scaling by entering a number directly or by selecting the paper size you want from the **Printer Paper Size** list.
The document is reduced when a size smaller than the **Page Size** setting is selected from the **Printer Paper Size** list, and enlarged when a size larger is selected.

7. Complete the setup

Click **OK**.
When you execute print, the document will be printed with the specified scale.

Important

- When the application software which you used to create the original has the scaled printing function, configure the settings on your application software. You do not need to configure the same setting in the printer driver.
- If you are performing enlarged/reduced printing when **Automatically switch paper sources (paper size priority)** in the **Device Settings** tab is enabled, **Fit Roll Paper Width** is selected for **Enlarged/**

Reduced Printing on the **Page Setup** tab, and **Roll Paper (Auto)** is selected for **Paper Source**, Roll 1 (upper level roll paper) is always used for printing.

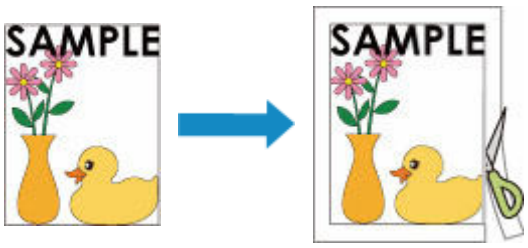
Note

- Selecting **Enlarged/Reduced Printing** changes the printable area of the document.

Printing to Oversized Paper Sizes

When printing a created document so that it fills the entire paper width, select a paper size from the **Oversize** list (sizes resulting from adding margins necessary for printer operation to the document sizes) so that all areas of the document are printed at their actual size.

A printout that has the same area as the document can be obtained by trimming the outer margins after printing.



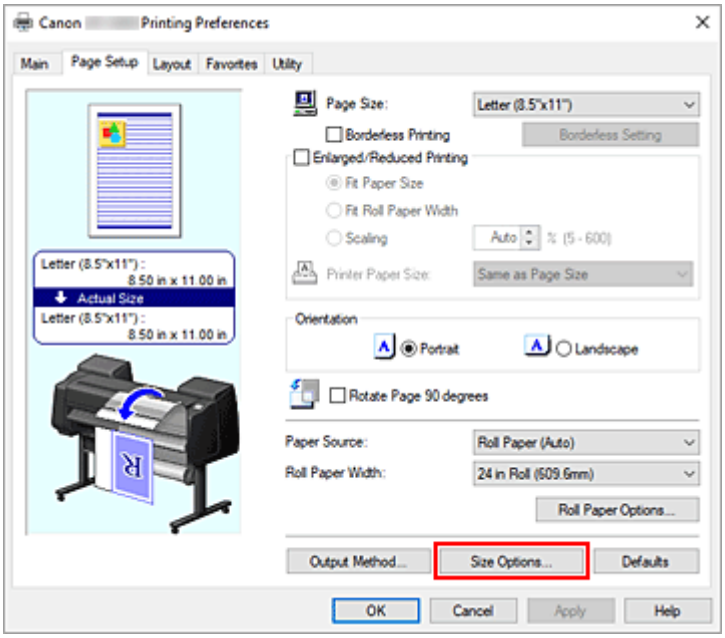
The procedure for printing with oversize is as follows:

1. Open the printer driver setup window

2. Select the paper size

   From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

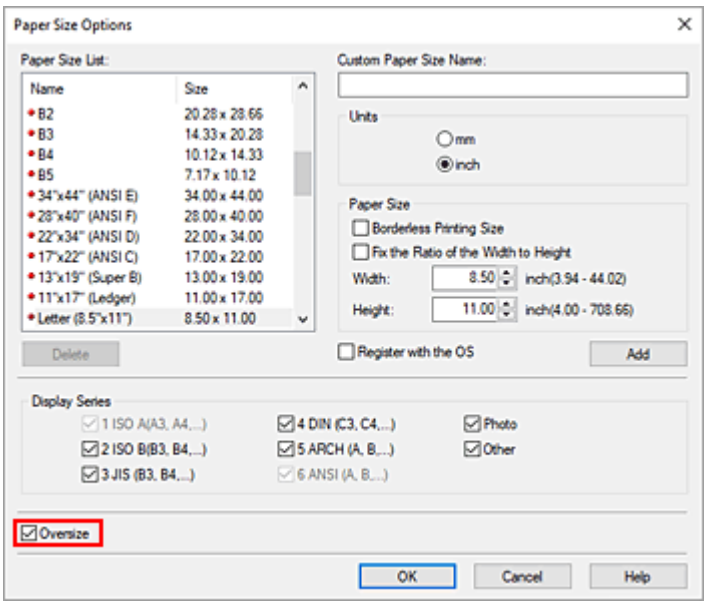
3. Click **Size Options...**



   The **Paper Size Options** dialog box opens.

4. Select oversize

   Select the **Oversize** check box, and click **OK**.



The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

5. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

Important

- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

6. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

7. Set the other items

Set the other items as necessary.

8. Complete the setup

Click **OK**.
When you print, the document is printed using oversize.

Important

- When printing to oversized paper sizes, use paper that has the following necessary margins added to the document size.
  - Cut sheet: 6 mm or more added to width and 23 mm or more added to height of document size
  - Roll paper: 6 mm or more added to width and 6 mm or more added to height of document size

Note

- An oversized paper size cannot be used for the largest paper size that can be loaded in the printer.

- To set an oversized paper size for a non-standard paper size, register the paper size in the **Paper Size Options** dialog box. An oversized paper size cannot be set for paper sizes that were set in the **Custom Size Settings** dialog box.

Setting Paper Dimensions (Custom Size)

You can specify the height and width of paper when its size cannot be selected from the **Page Size**. Such a paper size is called "custom size."

There are two ways of setting a user-defined paper, setting the paper from **Size Options...** on the **Page Setup** tab and setting the paper from **Custom Size** of **Page Size**.

If you will be using a user-defined paper repeatedly, setting it from **Size Options...** is convenient because it becomes registered to **Page Size** and can be selected any time after that.

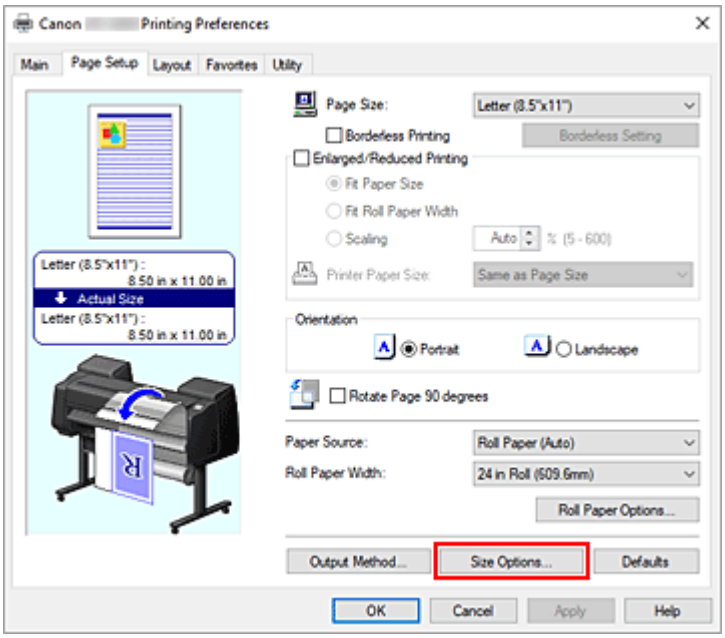
If you want to use a user-defined paper temporarily, setting it from **Custom Size** is suitable.

The procedure for specifying a custom size is as follows:

Setting from Paper Size Options

1. Open the printer driver setup window

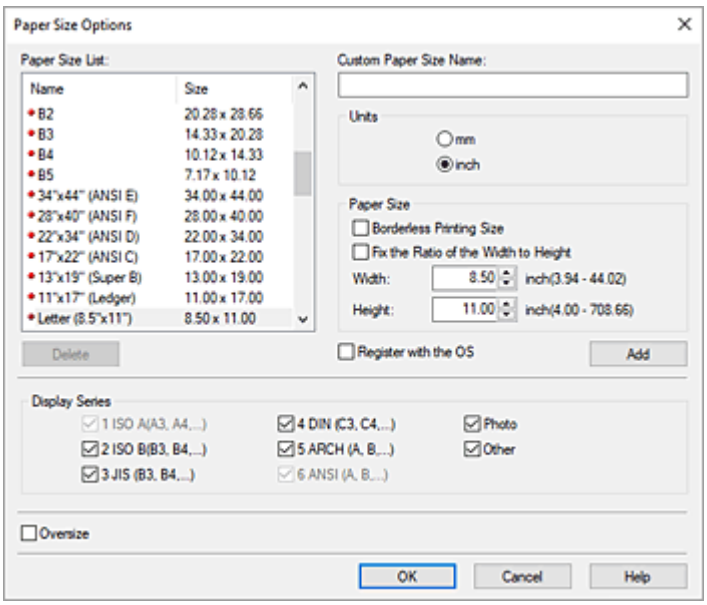
2. Click **Size Options...** on the **Page Setup** tab



The **Paper Size Options** dialog box opens.

3. Set user-defined paper

Set **Custom Paper Size Name**, **Units**, and **Size**, and then click **Add**.
For **Size**, specify an size or select the paper size to be used from **Paper Size List**.
To narrow down the paper sizes displayed in **Paper Size List**, select the **Display Series** check box.



Note

- By selecting the **Borderless Printing Size** check box for **Paper Size**, you can select a size from the paper sizes that support **Borderless Printing**. By selecting the **Fix the Ratio of the Width to Height** check box, you can change the size while keeping the **Width** and **Height** ratio.

4. Set user-defined paper

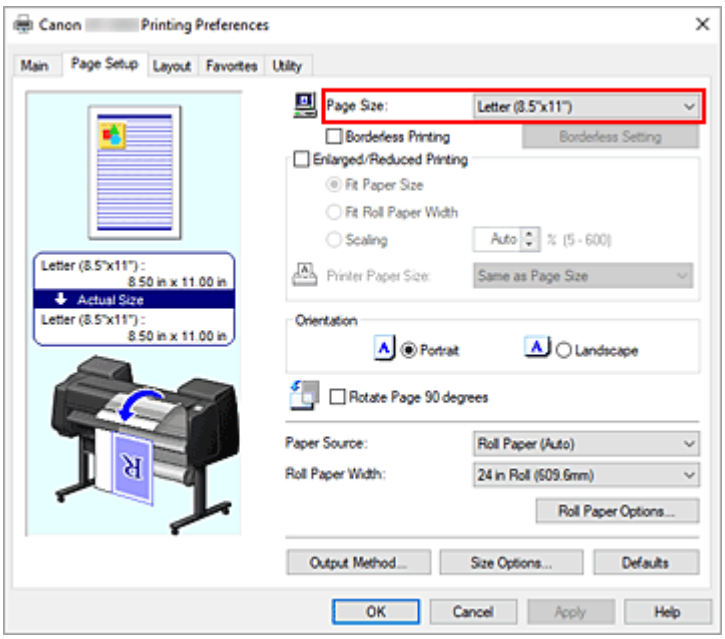
   Click **OK**, then it returns to **Page Setup** tab.
   The paper size registered by using **Custom Paper Size Name** is registered to **Custom Paper Size** of **Page Size** and can be selected at any time.

Setting from Custom Size

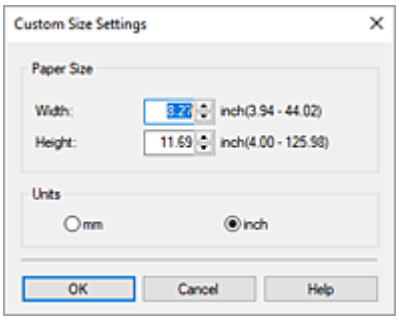
1. Open the printer driver setup window

2. Select the paper size

   For **Page Size** on the **Page Setup** tab, select **Custom Size** from the **Custom Paper Size** list.



The **Custom Size Settings** dialog box opens.



3. Set the custom paper size

Enter the **Width** and **Height** values of the paper to be used, specify the **Units**, and then click **OK**.

4. Complete the setup

Click **OK** on the **Page Setup** tab.
When you execute print, the data is printed with the specified paper size.

Important

- If the application software that created the document has a function for specifying height and width values, use the application software to set the values. If the application software does not have such a function or if the document does not print correctly, perform the above procedure from the printer driver to set the values.
- Printing may be disabled depending on the size of the specified user-defined media.
  For information about printable sizes for user-defined media, see "Paper Sizes."
- Any paper size that was set by using **Custom Size** can no longer be used after the application software is closed.

Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can still print but you may not be able to obtain correct print results.
- The maximum configurable size with **Custom Size** is 3.2m.

Set a Custom Size Roll Width

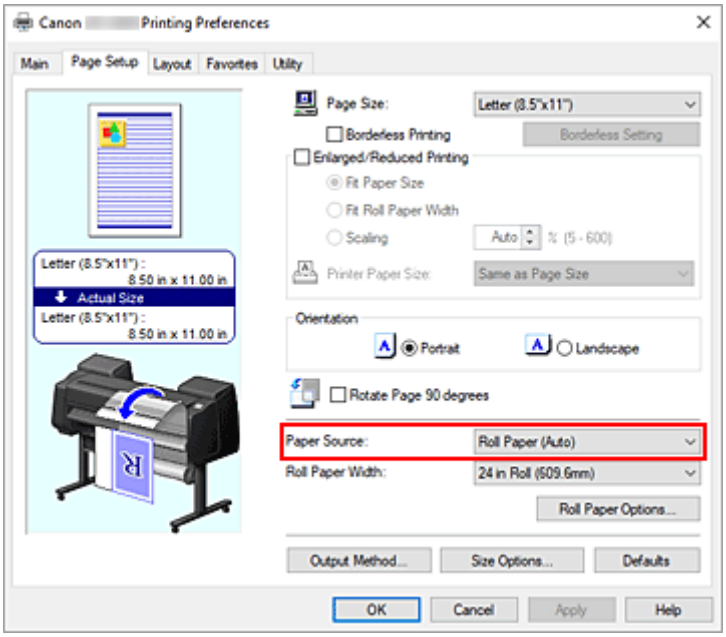
By specifying the roll paper width with a value, you can use roll paper with a width that cannot be selected in **Roll Paper Width**.

The procedure for setting custom size roll width is described below.

1. Open the printer driver setup window

2. Select the paper source

   From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

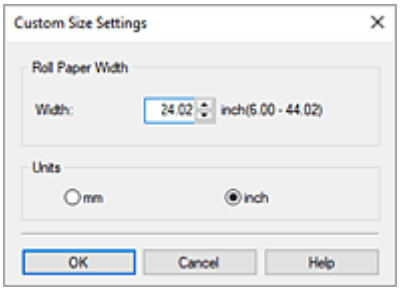


3. Select paper roll width

   In **Roll Paper Width**, select **User-defined1 (XXXX)** / **User-defined2 (XXXX)**.
   The **Custom Size Settings** dialog box opens.

4. Set paper roll width

   Specify **Units**, enter the roll width you want to use, and then click **OK**.



Note

- If the value you entered is the same as the other roll widths, a message will be displayed, and the other roll paper sizes will be set.

5. Complete the setup

Click **OK** on the **Page Setup** tab.
If you perform the print, the roll paper with the specified width will be used for printing with each setting applied.

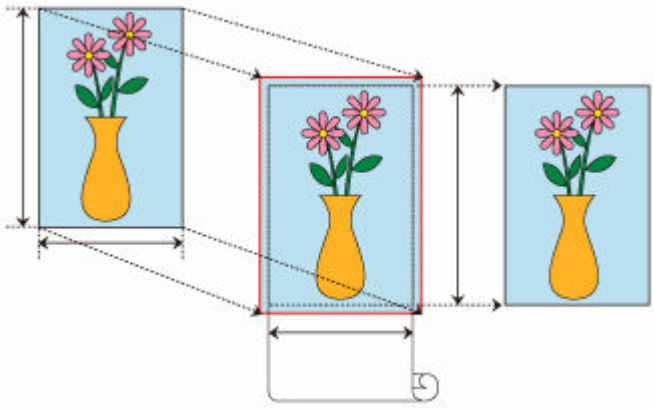
Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can execute Print, but you may not obtain the correct printing result.
- If you select a paper feed method for the custom size roll paper in **Get Information...** in the **Main** tab, **Roll Paper Width** is set to **Custom Size (XXXX)**.
  However, if the same custom size is already set in **User-defined1 (XXXX)** or **User-defined2 (XXXX)**, it will not be set to **Custom Size (XXXX)**, and **User-defined1 (XXXX)** or **User-defined2 (XXXX)** will be selected instead.

Printing without Edges Based on the Scenarios

- Printing without Margins to Match Paper Size
- Printing without Margins to Match Roll Paper Width
- Printing Full-Size without Margins
- Three-sided Borderless Printing on Roll Paper

Printing without Margins to Match Paper Size



The procedure for borderless printing by enlarging or reducing documents to match paper size is described below.

1. In the printer driver, open the settings screen

2. Select the paper source

   From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

   Important

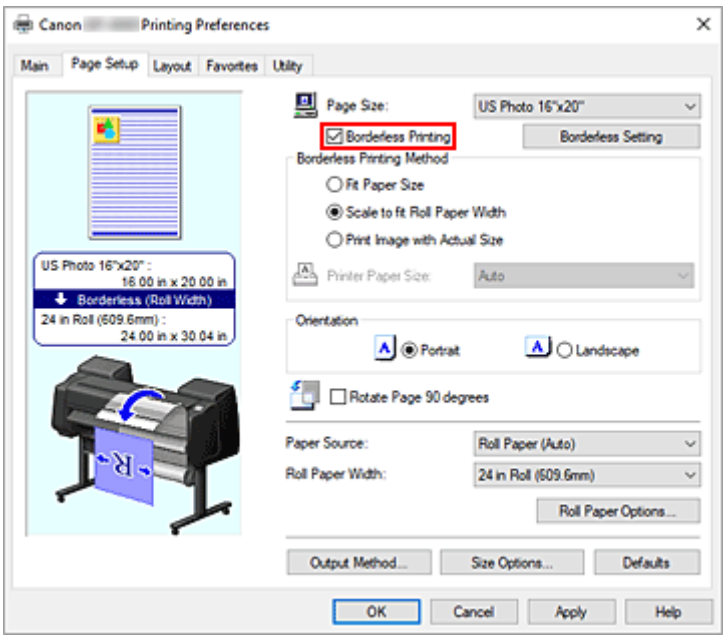
   - The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

3. Select paper roll width

   For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

   Place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Select a method for printing borderless

Select **Fit Paper Size** in **Borderless Printing Method**.
If the size of the document is different from the size of the paper you want to print on, select the paper size you want to print on from **Printer Paper Size**.

6. Complete the setting process

Click **OK**.
If you print now, the document will be printed without margins to fit the paper size.

Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
  When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.
  You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.
- If you print borderless while **Automatically switch paper sources (paper size priority)** in the **Device Settings** tab is on, in the **Page Setup** tab, under **Borderless Printing Method**, you will only be able

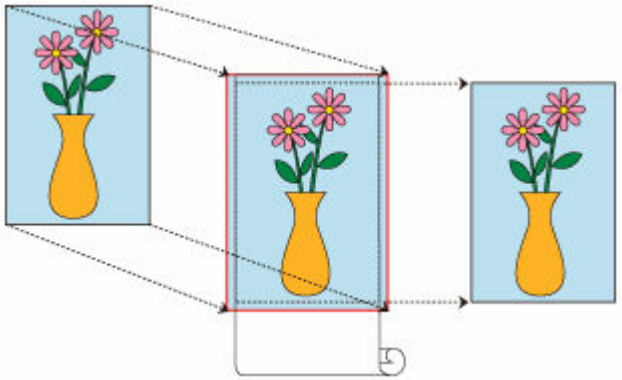
to select **Scale to fit Roll Paper Width**. In such cases, paper roll 1 (the paper roll in the upper tray) will be normally used for printing. If the size, or the type, of the paper set in roll 1 is not compatible with borderless printing, you will not be able to print borderless.

- The following roll paper supports borderless printing.
  ➡ Paper Sizes
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
  See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Printing without Margins to Match Roll Paper Width



Procedure for printing borderless by enlarging/reducing documents to match roll paper width.

1. In the printer driver, open the settings screen

2. Select the paper source

   From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

   Important

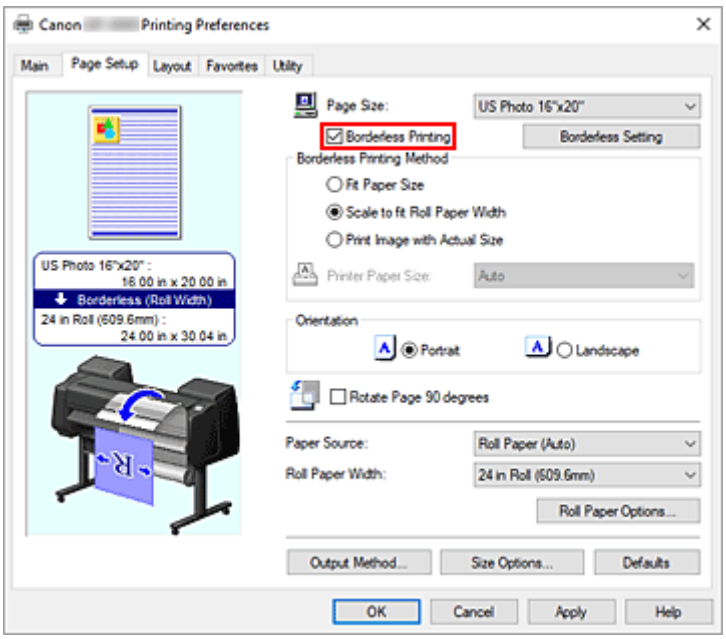
   - The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

3. Select paper roll width

   For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

   Place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Select a method for printing borderless

Select **Scale to fit Roll Paper Width** in **Borderless Printing Method**.

6. Complete the setting process

Click **OK**.
Job will print to the entire roll width without a white border.

Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
  When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.
  You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.
- If you print borderless while **Automatically switch paper sources (paper size priority)** in the **Device Settings** tab is on, in the **Page Setup** tab, under **Borderless Printing Method**, you will only be able to select **Scale to fit Roll Paper Width**. In such cases, paper roll 1 (the paper roll in the upper tray)

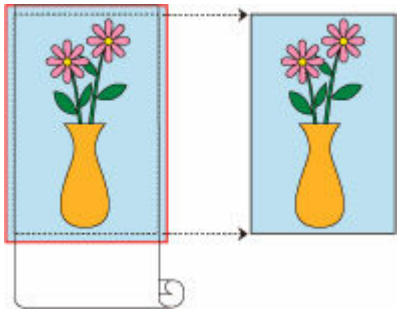
will be normally used for printing. If the size, or the type, of the paper set in roll 1 is not compatible with borderless printing, you will not be able to print borderless.

- The following roll paper supports borderless printing.
  ➡ Paper Sizes
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
  See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Printing Full-Size without Margins



Procedure for printing borderless images in the same size as the original document without enlarging/ reducing them.

1. In the printer driver, open the settings screen

2. Select the paper source

   From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

   Important

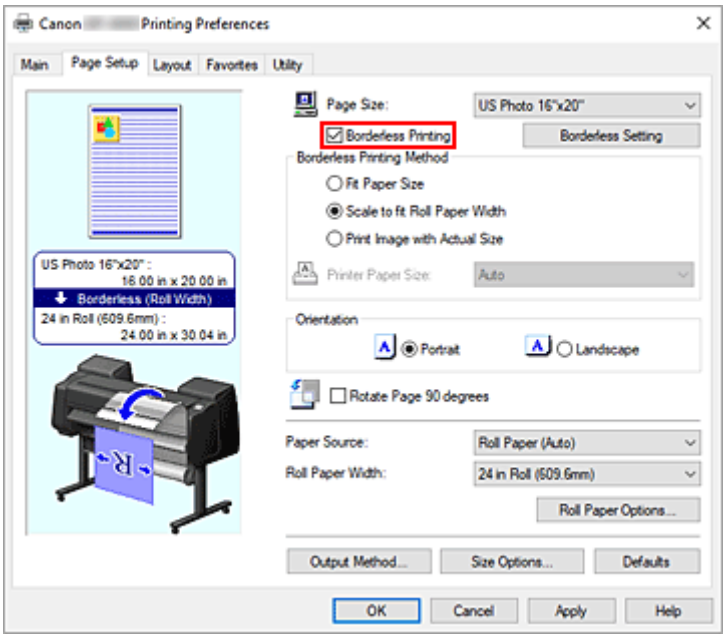
   - The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

3. Select paper roll width

   For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

   Place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Select a method for printing borderless

Select **Print Image with Actual Size** in **Borderless Printing Method**.

6. Complete the setting process

Click **OK**.
If you print, the document is printed in the original size without white borders.

Important

- If **Amount of Extension** is set to the second from the right, create the source document with a size 2mm larger on each of the top, bottom, left and right sides than the size of the paper you wish to print.

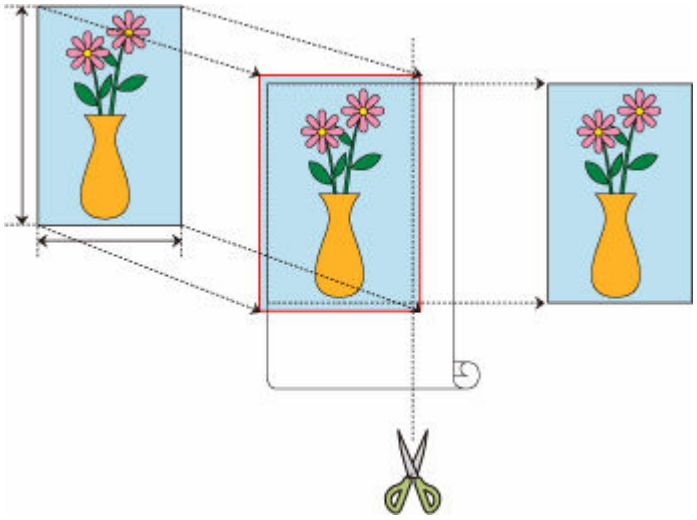
Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
  When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.
  You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.
- If you print borderless while **Automatically switch paper sources (paper size priority)** in the **Device Settings** tab is on, in the **Page Setup** tab, under **Borderless Printing Method**, you will only be able to select **Scale to fit Roll Paper Width**. In such cases, paper roll 1 (the paper roll in the upper tray) will be normally used for printing. If the size, or the type, of the paper set in roll 1 is not compatible with borderless printing, you will not be able to print borderless.
- The following roll paper supports borderless printing.
  ➡ Paper Sizes
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
  See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Three-sided Borderless Printing on Roll Paper



In normal borderless printing, paper sizes that match the width of the roll paper are combined to print without borders on all four sides.
If you use the three-sided borderless printing feature, you can combine paper sizes that don't match the roll paper width, and print with no borders on three sides. However, if you perform three-sided borderless printing, you need to cut the right side of the paper after printing.

Three-sided Borderless Printing to Match Paper Size

The procedure for three-sided borderless printing by enlarging or reducing documents to match paper size is described below.

1. Open the printer driver setup window

2. Select the paper source

   From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

   Important

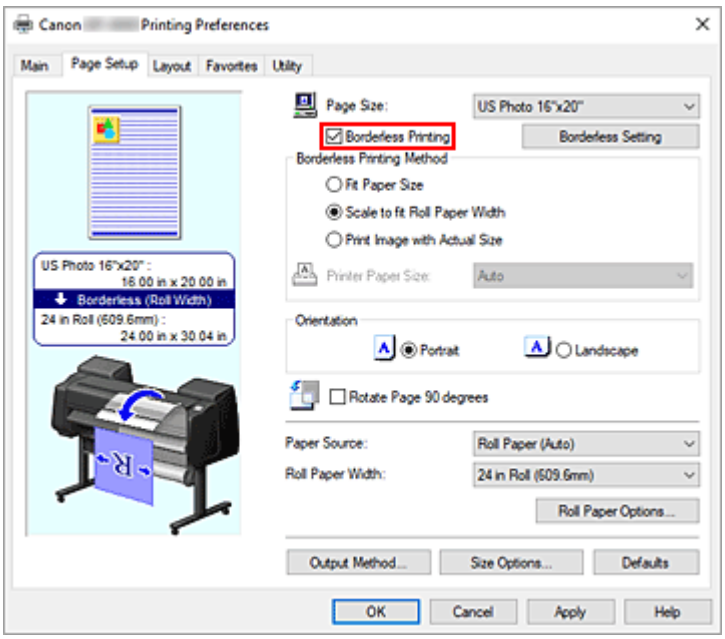
   - The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

3. Select paper roll width

   For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

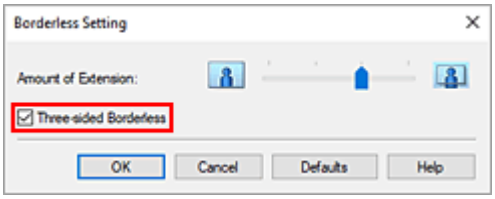
   In the Page Setup tab, place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Click **Borderless Setting**

When the **Borderless Setting** dialog box is displayed, place a checkmark next to **Three-sided Borderless**, and then click **OK**.



6. Select a method for printing borderless

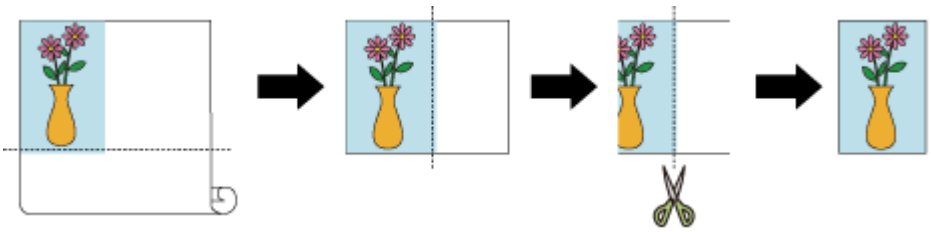
In the **Borderless Printing Method** tab, place a checkmark next to the **Fit Paper Size** option.
If the size of the document is different from the size of the paper you want to print on, select the paper size you want to print on from **Printer Paper Size**.

7. Complete the setting process

Click **OK**.
If you print now, the document will be printed without margins on three sides to fit the paper size.

8. Cut the right side of the paper

Cut the margin on the right side of the paper with scissors after printing. Cut slightly to the inside of the margin as the document is enlarged to extend slightly beyond the specified size.
To get the document to standard size, it is recommended to take measurements and cut in the correct positions.



Printing Full-Size without Margins on Three Sides

The procedure for three-sided borderless printing in the same size as the original document without enlarging or reducing the size is described below.

1. Open the printer driver setup window

2. Select the paper source

   From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

   Important

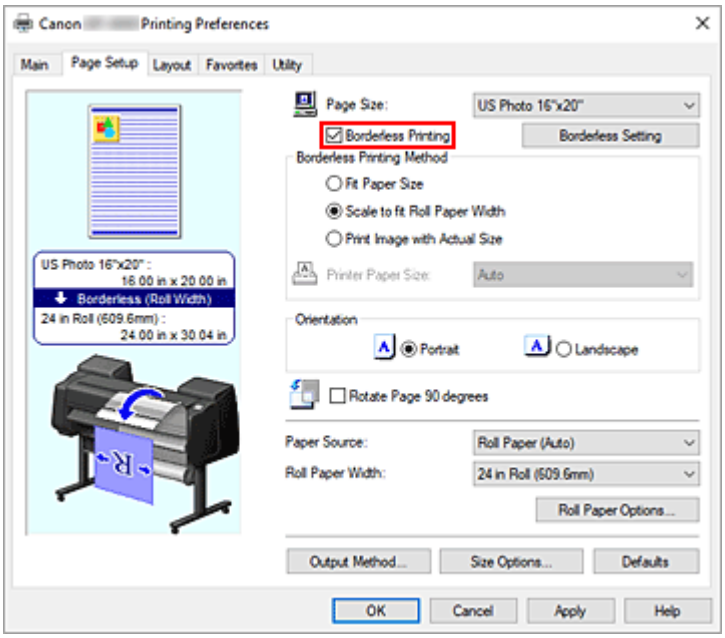
   - The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

3. Select paper roll width

   For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

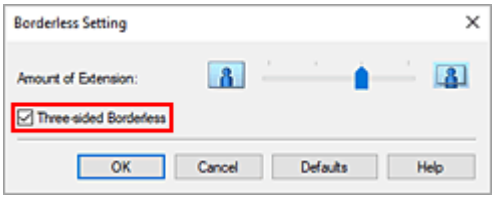
   In the **Page Setup** tab, place a checkmark next to the **Borderless Printing** option.



   After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Click **Borderless Setting**

When the **Borderless Setting** dialog box is displayed, place a checkmark next to **Three-sided Borderless**, and then click **OK**.



6. Select a method for printing borderless

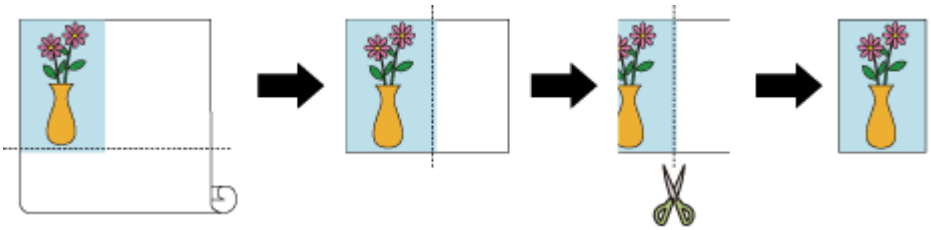
In the **Borderless Printing Method** tab, place a checkmark next to the **Print Image with Actual Size** option.

7. Complete the setting process

Click **OK**.
If you print now, the document will be printed without margins on three sides while retaining the same document size.

8. Cut the right side of the paper

Cut the margin on the right side of the paper with scissors after printing.
To get the document to standard size, it is recommended to take measurements and cut in the correct positions.



Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
  When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left margin. After the printed material has exited the printer and has been cut, cut the upper, lower, and right edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.

You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.

- The following roll paper supports borderless printing.
  ➡ Paper Sizes
- If margins are formed on the left of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
  See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Printing Hanging and Horizontal Banners (Large-Format Printing)

A drapery or banner up to 18.0m can be made by enlarging or reducing original documents made on application software.
However, there are cases in which an 18.0 meter banner cannot be printed because the application software used has limits on the document size that can be set.

The procedure for printing hanging and horizontal banners is as follows:

Print for width of roll

1. Create document by using application software

2. Open the printer driver setup window

3. Select the paper size

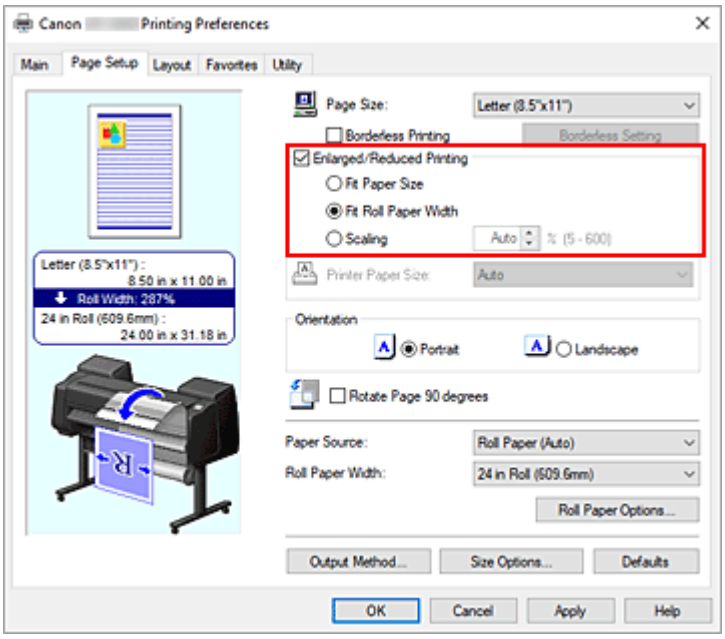
   Select the same original paper size created in the application soft in the **Page Setup** tab's **Page Size**.
   In the event an optional size is set in the application software, select **Custom Size** from **Custom Paper Size** in **Page Size** and designate size in the dialog box that appears.

4. Select roll width

   Select the equivalent to the paper width of the roll set in the printer under **Roll Paper Width**.

5. Set **Enlarged/Reduced Printing**

   Check **Enlarged/Reduced Printing** and select **Fit Roll Paper Width**.
   When the **Information** dialog box appears, select the equivalent to the paper width of the roll set in the printer.



6. Complete the setup

Click **OK**.
When printing is executed, a drapery or banner can be printed according to the roll.

Enlarge and print

1. Register user-defined paper

Register both the actual desired print size (user-defined paper 1) and original document size created in application (user-defined document size 2) in the **Size Options...** under the **Page Setup** tab.

Note

- Please set user-defined paper 2 to the same aspect ratio as user-defined paper 1. If the aspect ratio differs, the enlarged image may not turn out to be the expected size.
  After creating user-defined paper 1, if user-defined paper 2 is created after checking **Fix the Ratio of the Width to Height**, settings can be set to the same aspect ratio.
  Also set user-defined paper 2 to a size that doesn't exceed the maximum size supported by the application.
  For example, when printing on paper 600mm wide and 3,000mm long, use the following settings.
  (when setting length to 1/6 the user-defined paper)
  - User-defined paper 1: **Width** 600mm, **Height** 3,000mm
  - User-defined paper 2: **Width** 100mm, **Height** 500mm

2. Create original document in application software

Use the registered user-defined paper 2 size to create original document using an application.

3. Open printer driver settings screen

4. Select Paper Size

Select registered user-defined paper 1 from **Custom Paper Size** in **Page Setup** tab's **Page Size**.

5. Complete the setup

Click **OK**.
When you print, the hanging or horizontal banner is printed by using the user-defined size.

Note

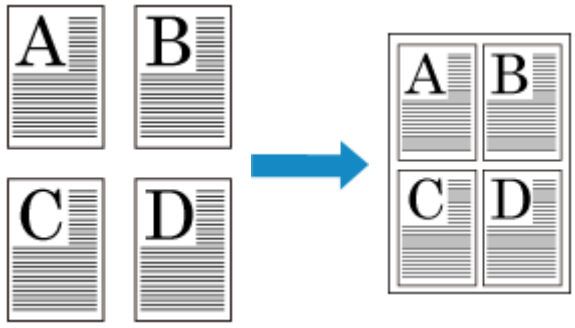
- Maximum printable length is 18.0m. In the event the enlarged length exceeds 18.0m, the part of the image exceeding the length will not be printed.
- If printing cannot be performed correctly, you may be able to improve printing by using the **Special Settings** dialog box on the **Layout** tab to change **FineZoom Settings** to **Yes**.

Printing by Dividing/Joining Documents

- Inputting Multiple-file Documents into Free Layout plus
- Lining Up and Printing Multiple Documents to Cut Sheets
- Printing by Connecting Multiple Pages
- Printing Multiple Pages All on One Page
- Dividing and Printing Posters

Lining Up and Printing Multiple Documents to Cut Sheets

You can line up multiple documents that were created separately and print them together on one page.



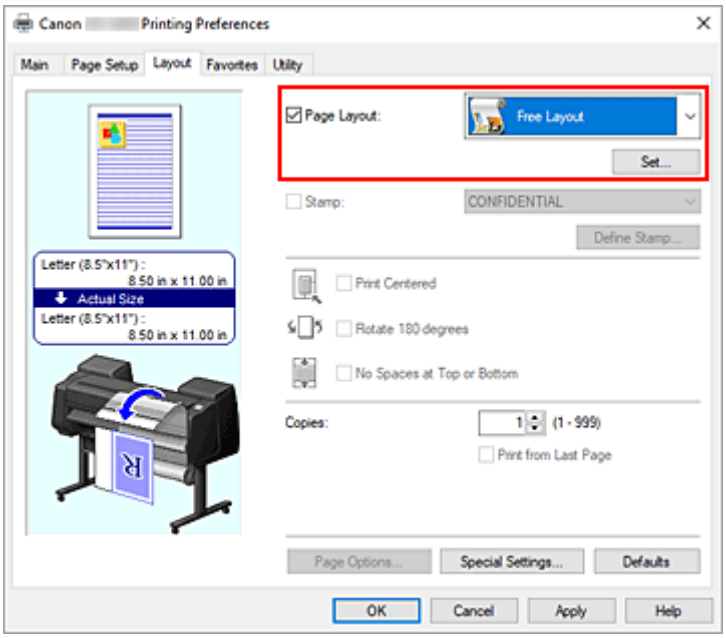
You must install imagePROGRAF Printer Driver Extra Kit to use this function. Go to the Canon website, download imagePROGRAF Printer Driver Extra Kit, and then install it

The procedure for lining up and printing multiple documents to cut sheets is as follows:

1. Open the printer driver setup window

2. Select **Free Layout**

   On the **Layout** tab, select the **Page Layout** check box, and then from the pull-down menu, select **Free Layout**.



3. Complete the setup

   Click **OK**.
   When you print, Canon imagePROGRAF Free Layout starts. Canon imagePROGRAF Free Layout allows you to edit and rearrange images.

Note

- To lay out multiple application software documents onto one page, repeat steps 1 to 3 without closing the Canon imagePROGRAF Free Layout window.

Printing by Connecting Multiple Pages

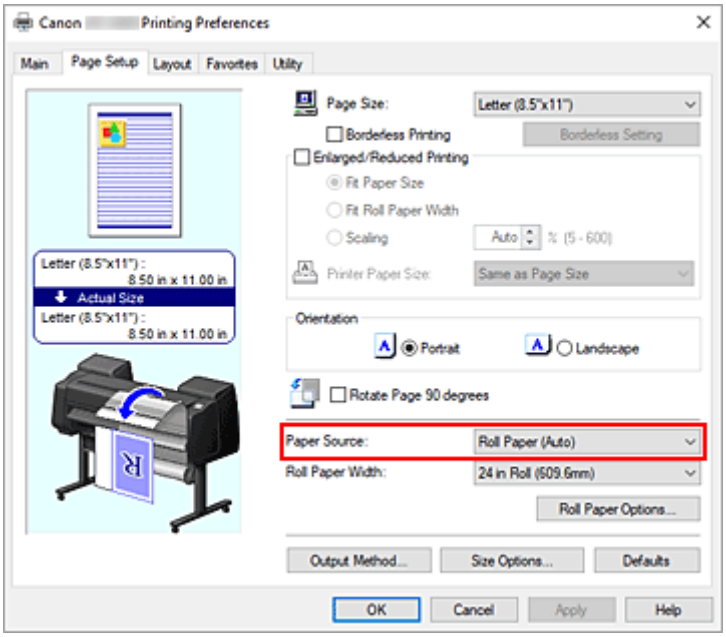
Print documents with several pages as one continuous document. When you do this, the spaces between the pages will be removed.

The procedure for printing by connecting multiple pages is as follows:

1. Open the printer driver setup window

2. Select the paper source

   For **Paper Source** on the **Page Setup** tab, select the setting that matches your purpose from **Roll Paper (Auto)**, **Roll 1**, and **Roll 2**.

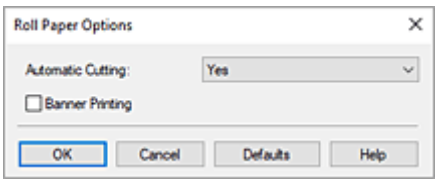


Important

- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

3. Set roll paper options

   Click **Roll Paper Options** to display the **Roll Paper Options** dialog box.
   Select the **Banner Printing** check box, and then click **OK**.
   The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.



4. Complete the setup

Click **OK** on the **Page Setup** tab.

When you print, the document is printed with the print conditions you set.

Printing Multiple Pages All on One Page

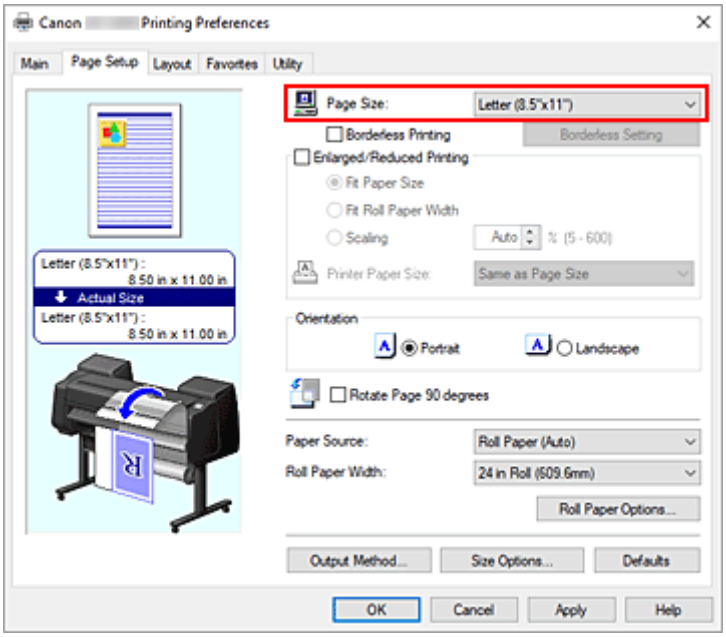
The page layout printing function allows you to print more than one page image on a single sheet of paper.

The procedure for printing multiple pages all on one page is as follows:

1. Open the printer driver setup window

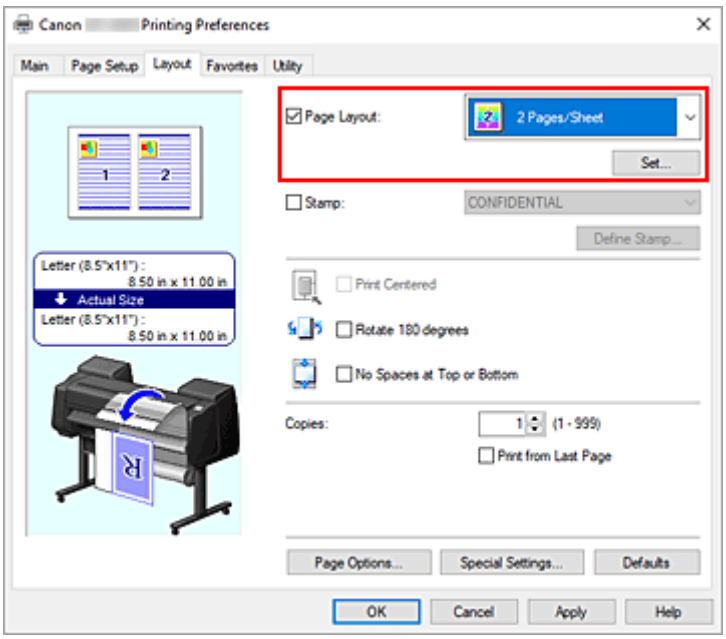
2. Select the print paper size

   From the **Page Size** list on the **Page Setup** tab, select the size of the paper loaded in the printer.



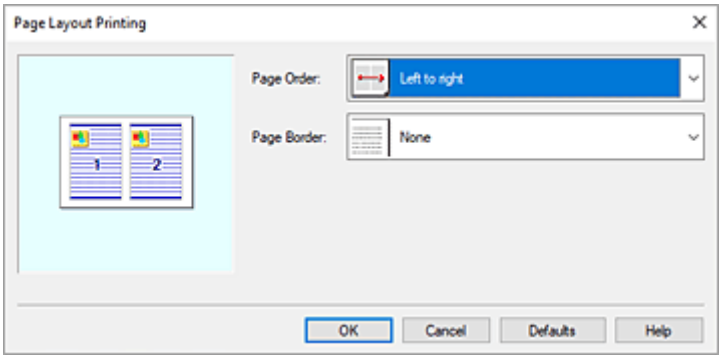
3. Set number of pages to be printed per sheet

   On the **Layout** tab, select the **Page Layout** check box, and from the pull-down menu, select **2 Pages/Sheet**, **4 Pages/Sheet**, **6 Pages/Sheet**, **8 Pages/Sheet**, **9 Pages/Sheet**, or **16 Pages/Sheet**.
   The current settings are displayed in the settings preview on the left side of the window.



4. Set the number of pages to be printed on one sheet and the page order

If necessary, click **Set...**, specify the following settings in the **Page Layout Printing** dialog box, and click **OK**.



Page Order

To change the page arrangement order, select a placement method from the list.

Page Border

To print a page border around each document page, select something other than **None** from the list.

5. Complete the setup

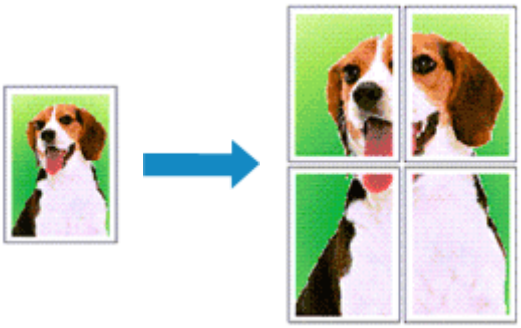
Click **OK** on the **Layout** tab.
When you execute print, the specified number of pages will be arranged on each sheet of paper in the specified order.

Important

- When there is a checkmark next to **Banner Printing** under **Roll Paper Options** dialog box on the **Page Setup** tab, **Page Layout** is grayed out and cannot be set.
- If **Spooling at Printer Driver** in **Special Settings** dialog box is set to **No (Use RAW Spooling)**, **Page Layout** is grayed out and cannot be set.

Dividing and Printing Posters

The tiling/poster printing function allows you to enlarge image data, divide it into several pages, and print these pages on separate sheets of paper. You can also paste the pages together to create a large print like a poster.



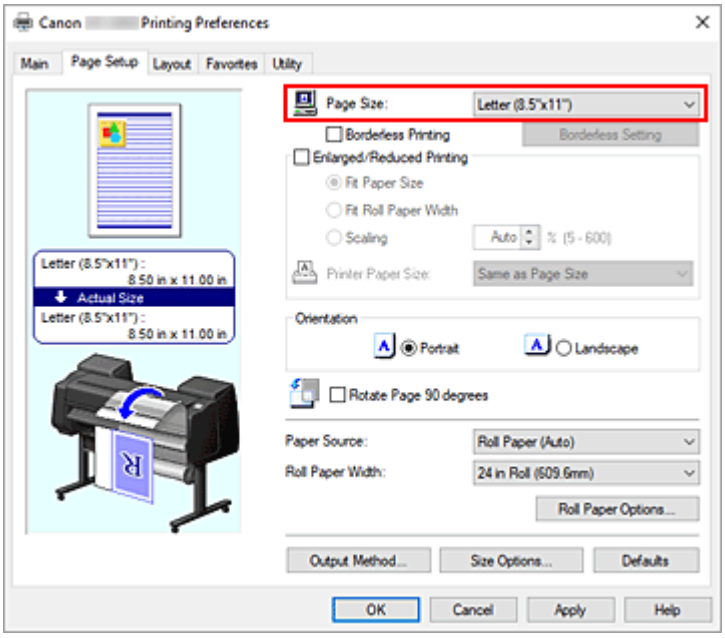
The procedure for dividing and printing posters is as follows:

Setting for Dividing and Printing Posters

1. Open the printer driver setup window

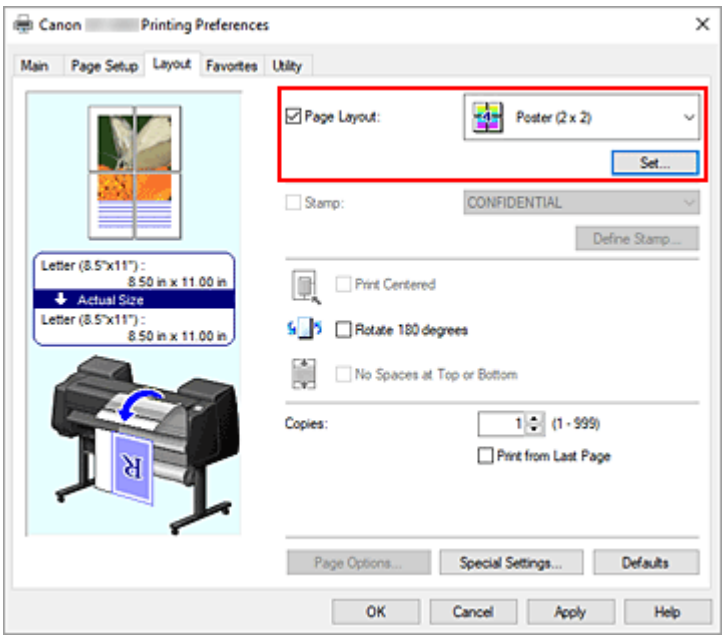
2. Select the print paper size

   From the **Page Size** list on the **Page Setup** tab, select the size of the paper loaded in the printer.



3. Set number of divisions

   On the **Layout** tab, select the **Page Layout** check box, and from the pull-down menu, select **Poster (1 x 2)** or **Poster (2 x 2)**.
   The current settings are displayed in the settings preview on the left side of the window.



4. Complete the setup

   Click **OK** on the **Layout** tab.
   When you execute print, the document will be divided into several pages during printing.

Important

- When there is a checkmark next to **Banner Printing** under **Roll Paper Options** dialog box on the **Page Setup** tab, **Page Layout** is grayed out and cannot be set.
- If **Spooling at Printer Driver** in **Special Settings** dialog box is set to **No (Use RAW Spooling)**, **Page Layout** is grayed out and cannot be set.

Printing Only Specific Pages

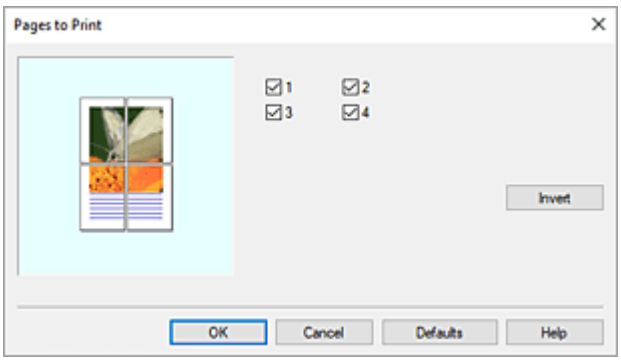
If ink becomes faint or runs out during printing, you can reprint only the specific pages by following the procedure below:

1. Display **Pages to Print** dialog box

   For **Page Layout**, click **Set...** to display the **Pages to Print** dialog box.

2. Set print range

   Clear the check boxes of the pages you do not want to print.
   In the setting view, the pages that you cleared are deleted and only the pages to be printed are displayed.
   Check the pages to be printed, and then click **OK**.



Note

- In the setting view on the left side of the **Pages to Print** dialog box, you can also clear the display by clicking the pages you do not want to print.
  To redisplay a cleared page, click that page again.
- To switch the pages to display/hide, click **Invert** in the **Pages to Print** dialog box.

3. Complete the setup

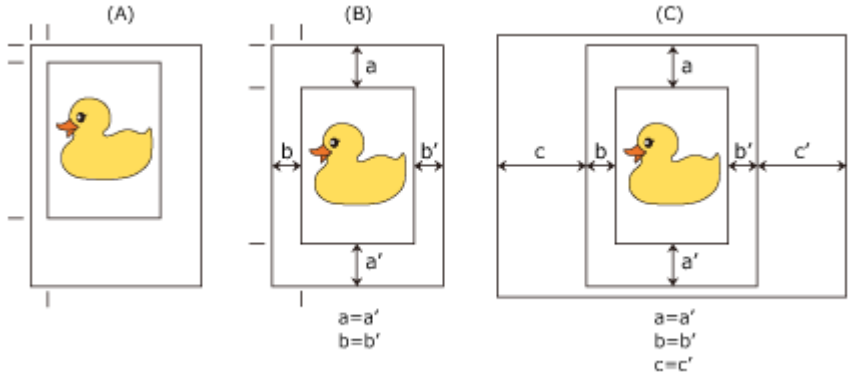
Click **OK** on the **Layout** tab.
When you print, only the specified pages are printed.

Important

- If you partition and print as a poster, the source document will be printed in enlarged form, so the print results may become rough.

Printing Document in Center of Paper

When you want to position the source document in the middle of the cut paper and print, or print with even margins on the right and left in relation to the width of the roll paper, use the **Print Centered** function.
The print results when setting with **Print Centered** are as follows. Normally, if **Print Centered** is set when printed as in (A), it will be printed as in (B) for cut paper and (C) for roll paper.



Note

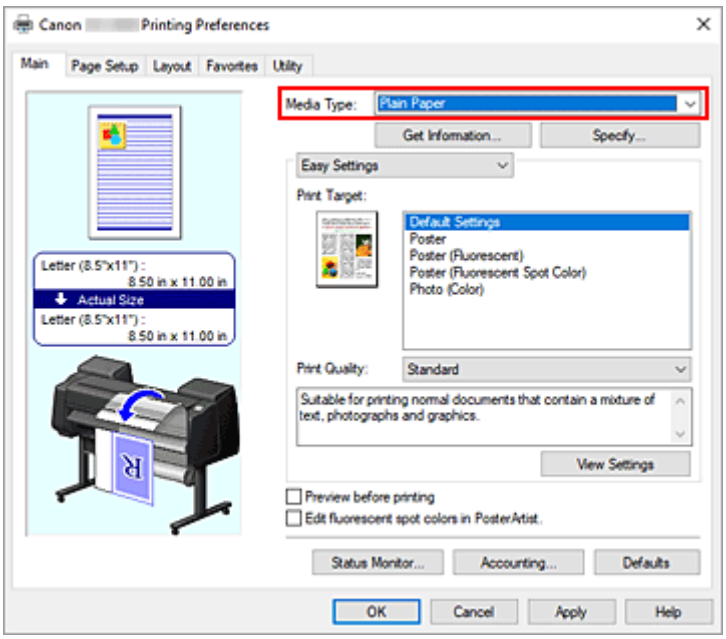
- When setting the magnification using **Scaling** from **Enlarged/Reduced Printing** on the **Page Setup** tab and printing, the start point for enlarge/reduce will always be fixed based on the top left corner of that page. For that reason, for reduced printing, the bottom and right margins of the paper will increase. At this time, if you place a checkmark next to **Print Centered** on the **Layout** tab, the top, bottom, left and right margins can all be printed evenly.

The procedure for printing in the center of the paper is as follows:

1. Open the printer driver setup window

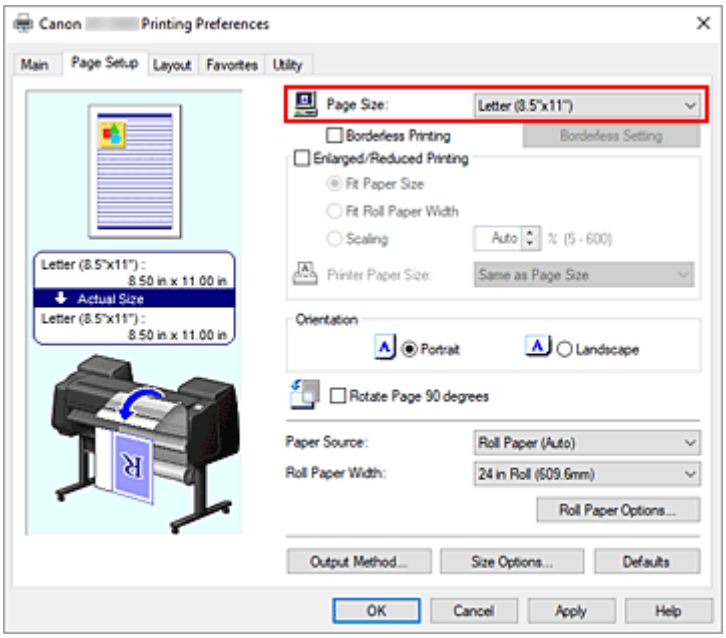
2. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select the paper size

Select the size of the paper you want to print from **Page Size** on the **Page Setup** tab.



4. Set magnification as necessary

Where necessary, attach a checkmark next to **Enlarged/Reduced Printing**, and set according to the objective.

5. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

Important

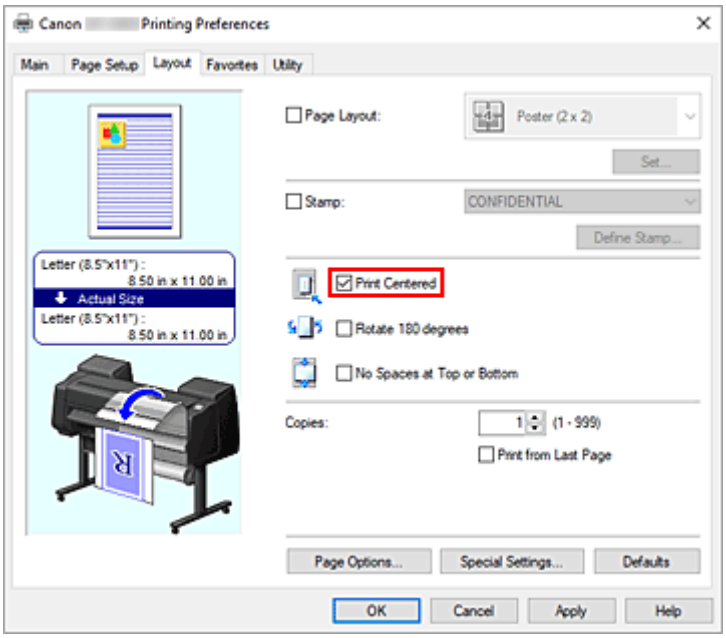
- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

6. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

7. Print document in the center of paper

Select the **Print Centered** check box on the **Layout** tab.



8. Complete the setup

Click **OK**.
When you print, the document is printed in the center of the paper.

Printing by Saving Roll Paper

- Saving Roll Paper by Rotating Document 90 Degrees
- Saving Roll Paper by Eliminating Upper and Lower Margins on Document

Saving Roll Paper by Rotating Document 90 Degrees

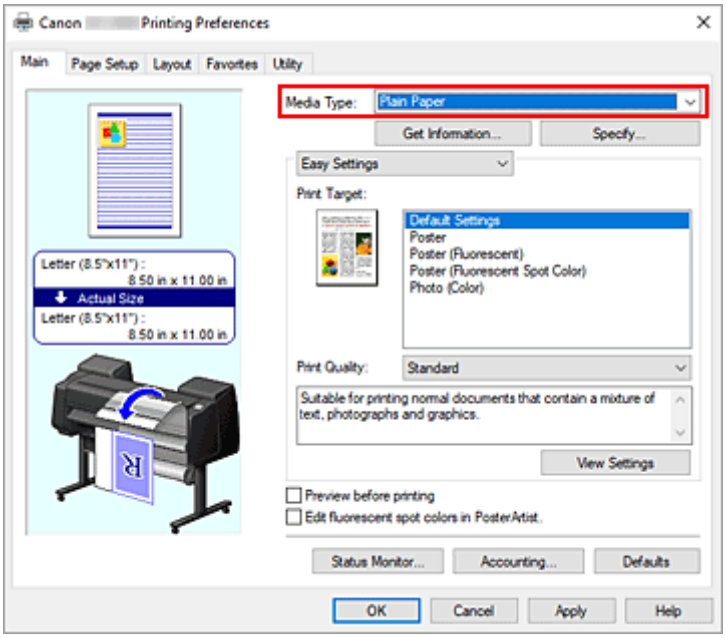
When printing a portrait document on roll paper, you can save paper by rotating the document 90 degrees and printing the document so that it is oriented horizontally relative to the paper.

The procedure for saving paper by rotating the document 90 degrees is as follows:

1. Open the printer driver setup window

2. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select the paper size

   From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

4. Select the paper source

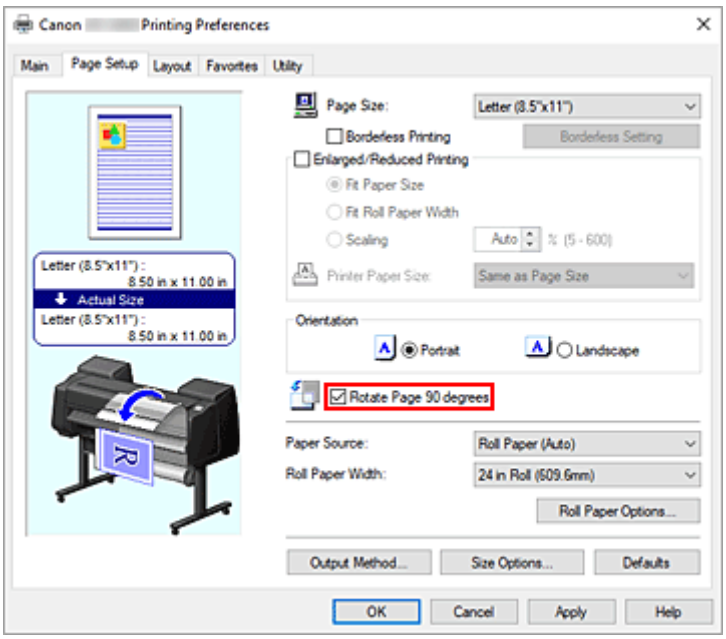
   From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

   Important

   - The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

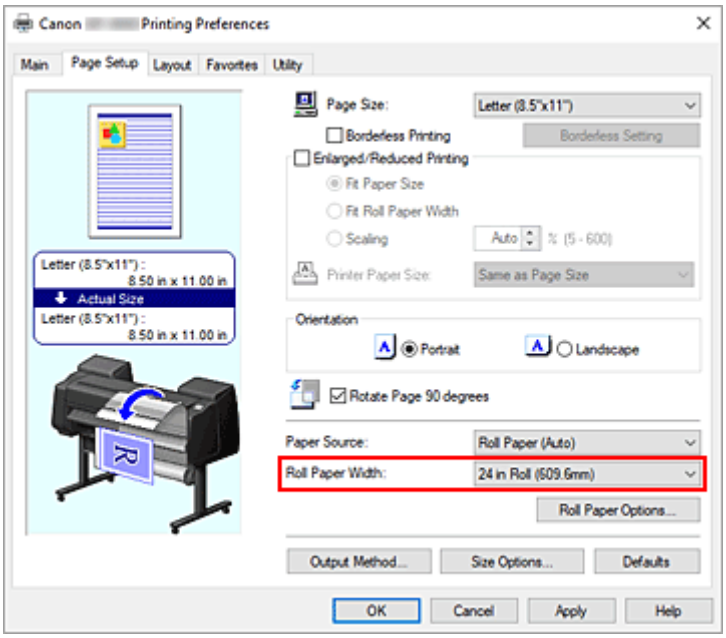
5. Selecting Paper Saving

   Select the **Rotate Page 90 degrees** check box.
   The current settings are displayed in the settings preview on the left side of the window.



6. Select roll paper width

For **Roll Paper Width**, select the width of the roll paper loaded in the printer.



7. Complete the setup

Click **OK**.

When you print, you can rotate a portrait document 90 degrees to save paper.

Important

- When there is a checkmark attached to **Banner Printing** on the **Page Setup** tab, **Rotate Page 90 degrees** is grayed out and cannot be set.

- When selecting paper in portrait format as the **Page Size** from the **Page Setup** tab, if the length in the vertical direction is longer than the width selected in **Roll Paper Width**, even if a checkmark is placed next to **Rotate Page 90 degrees**, the page will not be rotated.

Saving Roll Paper by Eliminating Upper and Lower Margins on Document

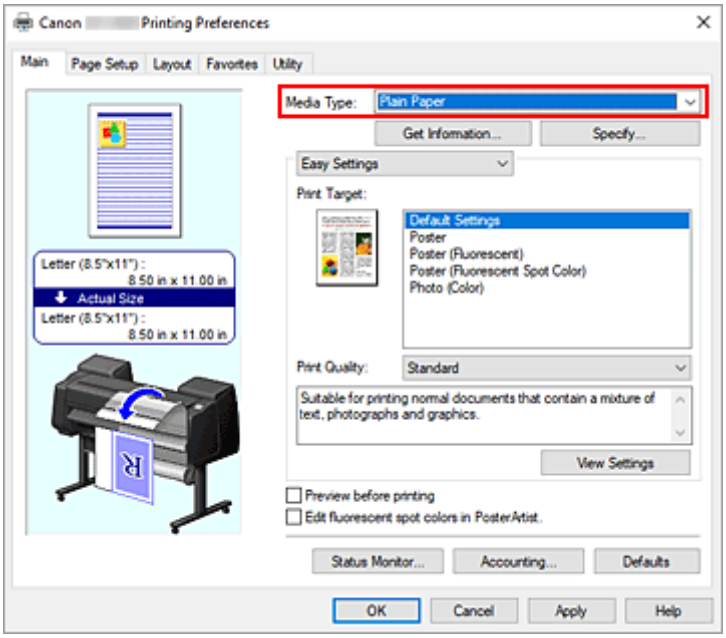
When printing on roll paper, you can save paper by reducing the upper and lower margins when printing.

The procedure for saving paper by reducing the upper and lower margins is as follows:

1. Open the printer driver setup window

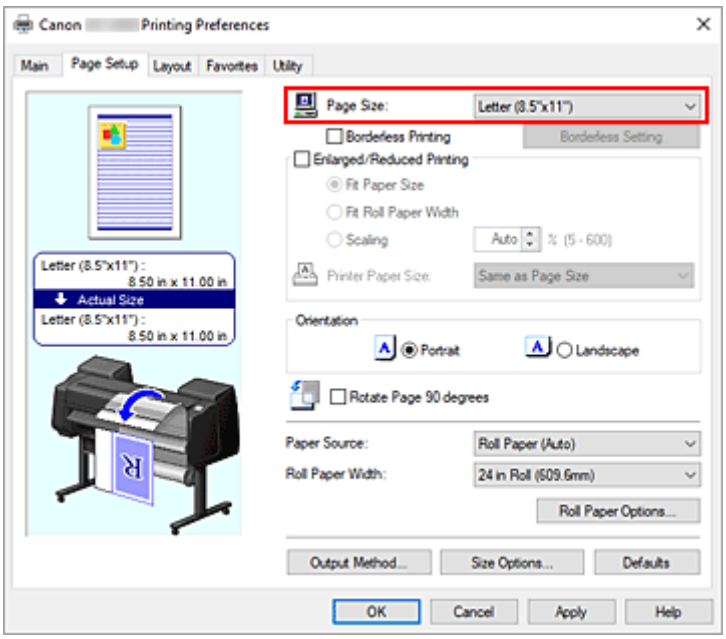
2. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select the paper size

   From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.



4. Select the paper source

For **Paper Source** on the **Page Setup** tab, select the setting that matches your purpose from **Roll Paper (Auto)**, **Roll 1**, and **Roll 2**.

Important

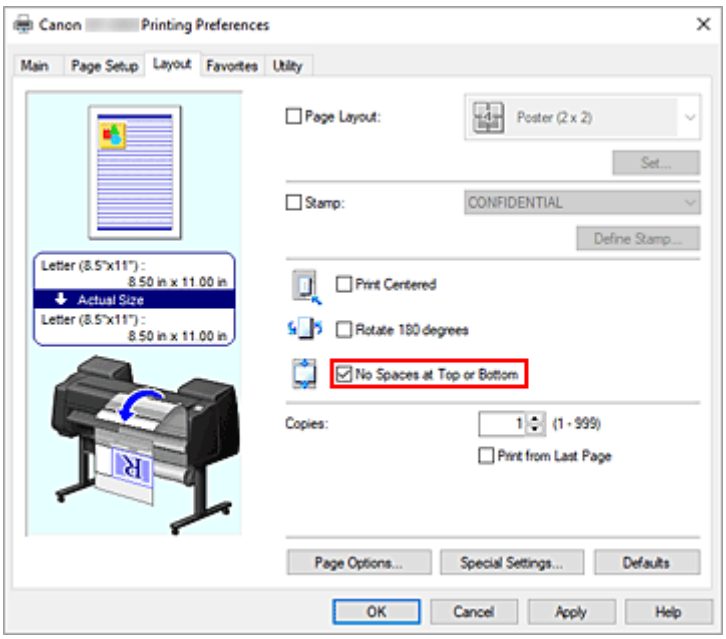
- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

5. Select roll paper width

For **Roll Paper Width**, select the width of the roll paper loaded in the printer.

6. Selecting Paper Saving

On the **Layout** tab, select the **No Spaces at Top or Bottom** check box.
The current settings are displayed in the settings preview on the left side of the window.



7. Complete the setup

Click **OK**.

When you print, the upper and lower margins are reduced so that you can save paper.

Switching the Paper Source to Match the Purpose

This printer has three paper sources: Roll 1, Roll 2, and Cut Sheet.
You can facilitate printing by selecting a paper source setting that matches your media type or purpose.

The procedure for setting paper source is as follows:

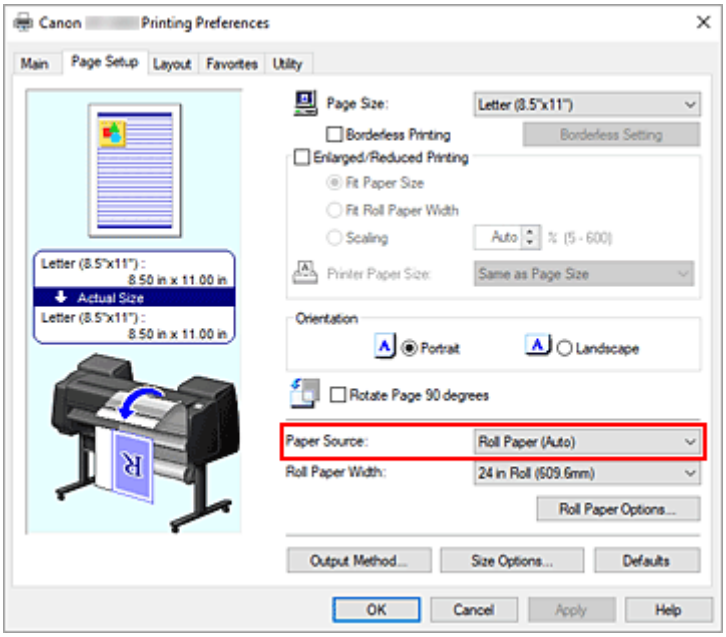
1. Open the printer driver setup window

2. Select the media type

   Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.

3. Select the paper source

   From the **Paper Source** list on the **Page Setup** tab, select the paper source that matches your purpose.



Roll Paper (Auto)

Feeds paper by automatically switching between Roll 1 and Roll 2 according to the print job.

Roll 1

Feeds paper from Roll 1.

Roll 2

Feeds paper from Roll 2.

Cut Sheet

Feeds paper using the cut paper.

Important

- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

4. Complete the setup

Click **OK**.

When you execute print, the printer uses the specified paper source to print the data.

Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can still print but you may not be able to obtain correct print results.

Displaying the Print Results before Printing

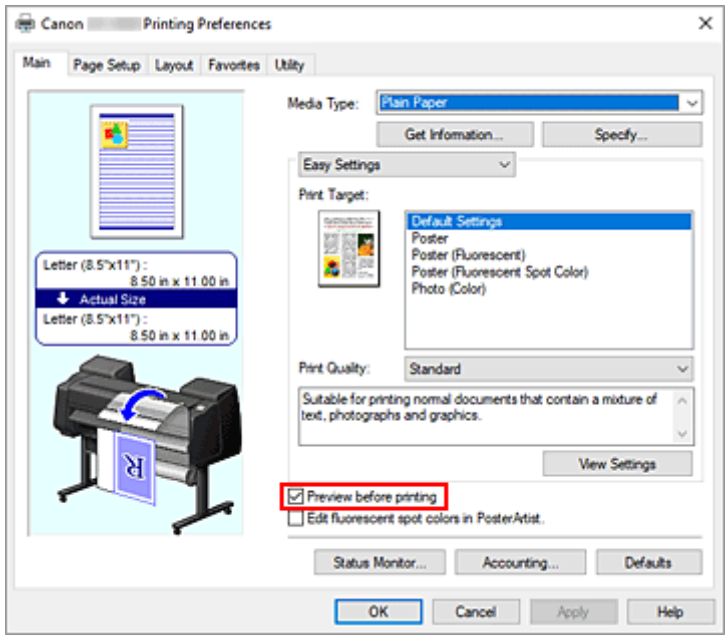
You can display and check the print result before printing.

The procedure for displaying the print result before printing is as follows:

1. Open the printer driver setup window

2. Set the preview

   Check the **Preview before printing** check box on the **Main** tab.



3. Complete the setup

   Click **OK**.
   When you execute print, the Canon imagePROGRAF Preview opens and displays the print results.

Related Topic

- Canon imagePROGRAF Preview

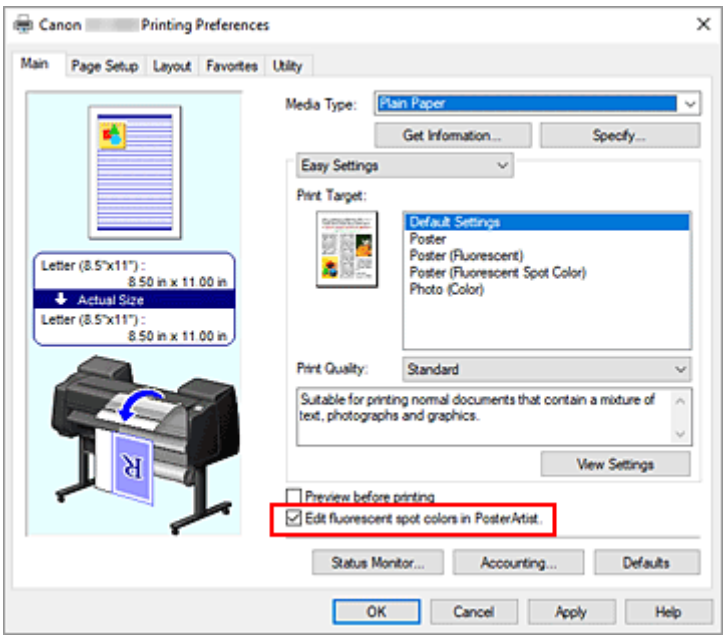
Link with PosterArtist to print with bright colors

With PosterArtist, you can import the data you want to print, and then edit fluorescent spot colors and check print results using the preview function.

1. Open printer driver's setup screen

2. Link with PosterArtist

   Add a checkmark to **Edit fluorescent spot colors in PosterArtist** in the **Main** sheet.



3. Start PosterArtist

   Click **OK**.
   When you start printing, PosterArtist will start, and the **Page Capture** window will open.

4. Select Pages to Import with PosterArtist

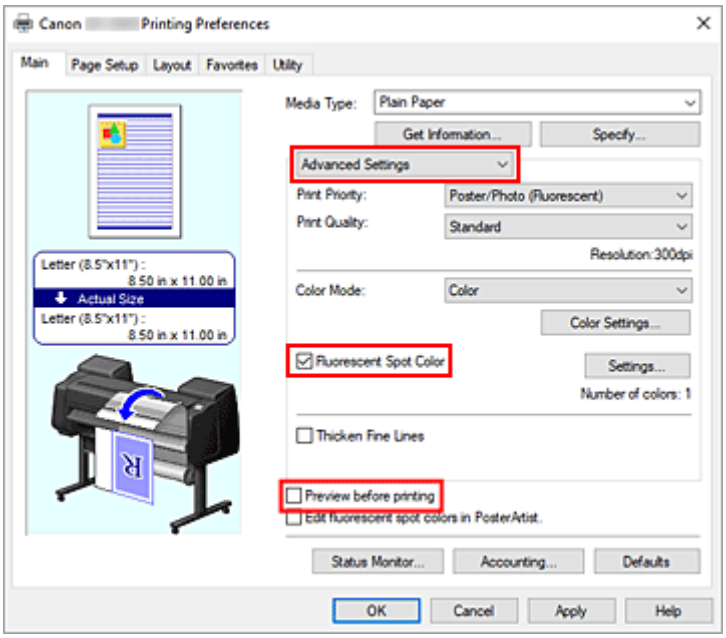
5. Edit the page in PosterArtist

   Follow the instructions displayed on the PosterArtist screen to operate.

Specify Fluorescent Colors and Print

You can set specific RGB values in advance for text and figures that are painted over (single-color painting) with the color palette of the application you are using, and print the specified sections of posters with bright colors using fluorescent ink.

1. Select **Advanced Settings**

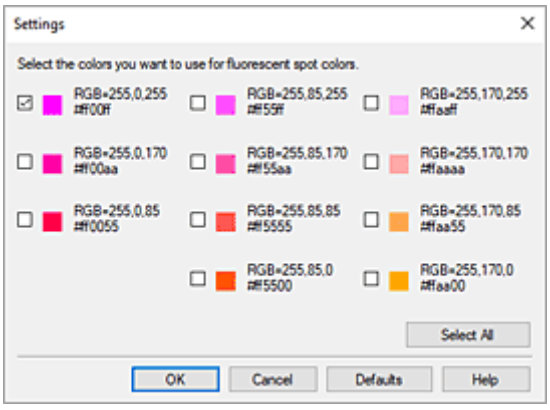


2. Add a checkmark to **Fluorescent Spot Color** Set becomes active.

   Settings... becomes active.

3. Click **Settings...**

   The color palette will be displayed.



   You can print the color palette from the printer operation panel. Print to the paper of your choice, and set the RGB values as you check the colors.

   ➡ Test print

4. Add a checkmark to the color of the fluorescent ink you want to print with

5. Print

   The color that you added the checkmark for will be brightly printed.
   We recommend that you add a checkmark to **Preview before printing** to confirm how the color you checked will appear when printed.

Note

- When printing by specifying fluorescent colors, the RGB values set by the application software must be retained when being input to the printer driver. If color management is performed during printing by the application software, the RGB values are not retained, and therefore may not produce the desired print results. If this happens, configure the settings on the application software as follows.
  For detailed instructions on settings, see the user's guide of the application software you are using.
  - Disable color management and color adjustment functions during printing.
  - Configure settings so that color management during printing is performed by the printer.
  - For color management during printing, specify the same profile as the document profile.
- Under the following conditions, printing may not produce the desired results.
  - Text or shapes that have been shaded, rotated, or anti-aliased
  - Data with specified RGB values that were saved in GIF format
- Sections that are close to the specified RGB values will also be printed with bright colors.
- If you want to print gradations using fluorescent ink, configure **Poster (Fluorescent)** in **Print Target** under **Easy Settings**.

Other Convenient Settings

- Stamp Printing
- Setting a Page Size and Orientation
- Registering a Frequently Used Printing Profile
- Cutting Roll Paper after Printing

Stamp Printing

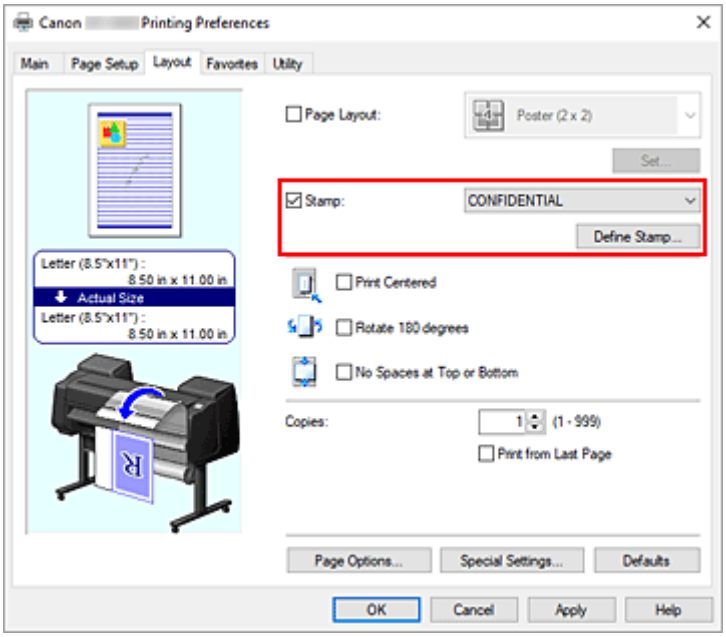
The **Stamp** function allows you to print a stamp text over or behind document data.
"DRAFT," "CONFIDENTIAL," and other stamps that are used often in companies are pre-registered.

The procedure for printing with a stamp is as follows:

1. Open the printer driver setup window

2. Select stamp

   On the **Layout** tab, select the **Stamp** check box, and then select the stamp to use from the list.
   The current settings are displayed in the settings preview on the left side of the **Layout** tab.



3. Complete the setup

   Click **OK**.
   When you execute print, the data is printed with the specified stamp.

Important

- Depending on your usage environment, you may not be able to use the **Stamp** function. In this case, set **Spooling at Printer Driver** in the **Special Settings** dialog box to **Yes**.

Registering a Stamp

You can create and register a new stamp. You can also change and re-register some of the settings of an existing stamp. Unnecessary stamps can be deleted at any time.

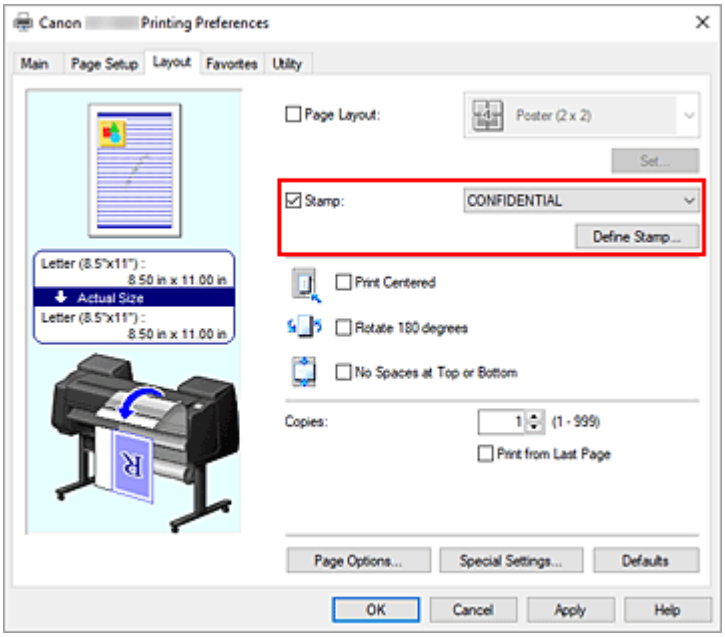
The procedure for registering a new stamp is as follows:

Registering a New Stamp

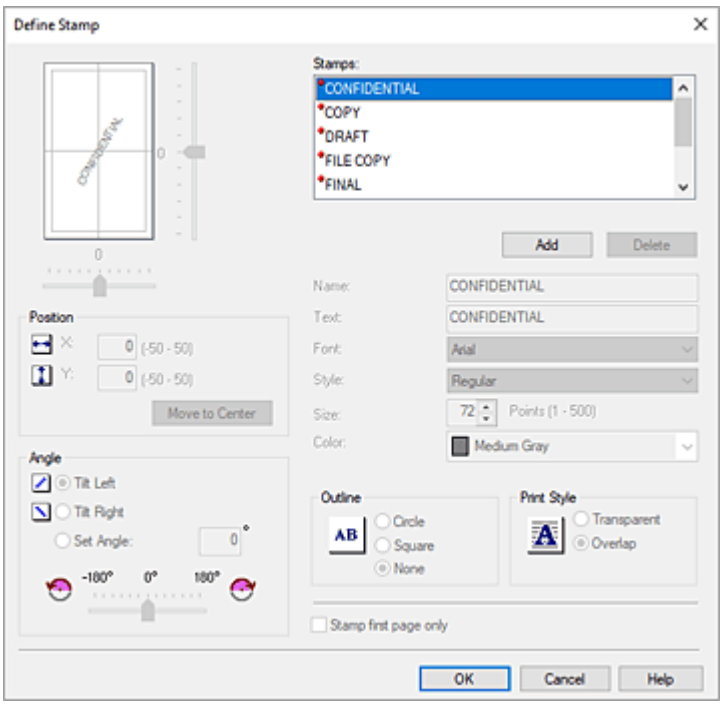
1. Open the printer driver setup window

2. Select stamp

   On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp...**.



   The **Define Stamp** dialog box opens.



3. Set stamp details

Click **Add** to add a new stamp **(Untitled)** to the list.
In **Name**, enter the name of the stamp to register, and in **Text**, enter the character string you want as the stamp.
Change the **Font**, **Style**, **Size**, and **Color** settings as necessary.

4. Set the other items

Set the following items as necessary.

Outline

Selects a frame that encloses the stamp text string.

Print Style

Select the stamp print method.
Select **Transparent** to print the stamp on the back of the document, and select **Overlap** to print it on the front.

Position

Specifies the stamp position on the page.
Enter numbers in **X** and **Y** to set the coordinates, or drag the horizontal and vertical slide bars to the left/right or up/down to change the settings.

Angle

Set the stamp placement angle.
Enter a number in **Set Angle** to set the angle, or drag the slide bar to the left/right to change the setting.
Set the angle by entering a number in range of -180 to 180.

Stamp first page only

To print the stamp on the first page only, select this check box.

5. Complete the setup

Click **OK** to return to the **Layout** tab.
The registered title appears in the **Stamp** list.

Changing and Registering Some of Stamp Settings

1. Select stamp

On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp...**.
The **Define Stamp** dialog box opens.

2. Select the stamp for which the settings are to be changed

From **Stamps**, select the title of the stamp you want to change the settings for.

3. Configure each setting while viewing the preview

4. Complete the setup

Click **OK** to return to the **Layout** tab.
The registered title appears in the **Stamp** list.

Note

- The stamp registered as the default setting cannot be changed.

Deleting an Unnecessary Stamp

1. Select stamp

On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp...**.
The **Define Stamp** dialog box opens.

2. Select the stamp to be deleted

Select the title that you wish to delete from the **Stamps** and click **Delete**.
Click **Yes** when the confirmation message appears.

3. Complete the setup

Click **OK** to return to the **Layout** tab.

Note

- The stamp registered as the default setting cannot be deleted.

Setting a Page Size and Orientation

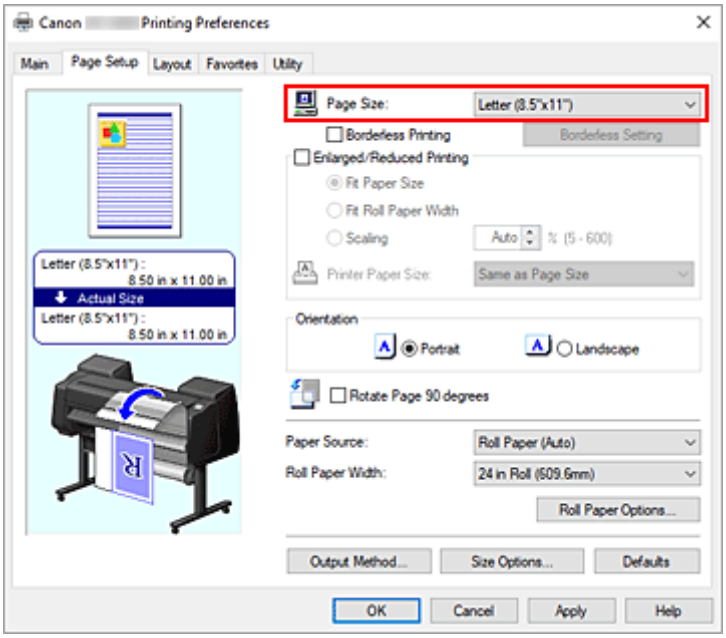
The paper size and orientation are essentially determined by the application software. When the page size and orientation set for **Page Size** and **Orientation** on the **Page Setup** tab are same as those set with the application software, you do not need to select them on the **Page Setup** tab.

When you are not able to specify them with the application software, the procedure for selecting a page size and orientation is as follows:

1. Open the printer driver setup window

2. Select the paper size

   Select a page size from the **Page Size** list on the **Page Setup** tab.



3. Set **Orientation**

   Select **Portrait** or **Landscape** for **Orientation**. Check **Rotate Page 90 degrees** check box when you want to perform printing with the original being rotated 90 degrees.

4. Complete the setup

   Click **OK**.
   When you execute print, the document will be printed with the selected page size and the orientation.

Registering a Frequently Used Printing Profile

You can register the frequently used printing settings to **Favorites**. Unnecessary printing profiles can be deleted at any time.

The procedure for registering a printing profile is as follows:

Registering a Printing Profile

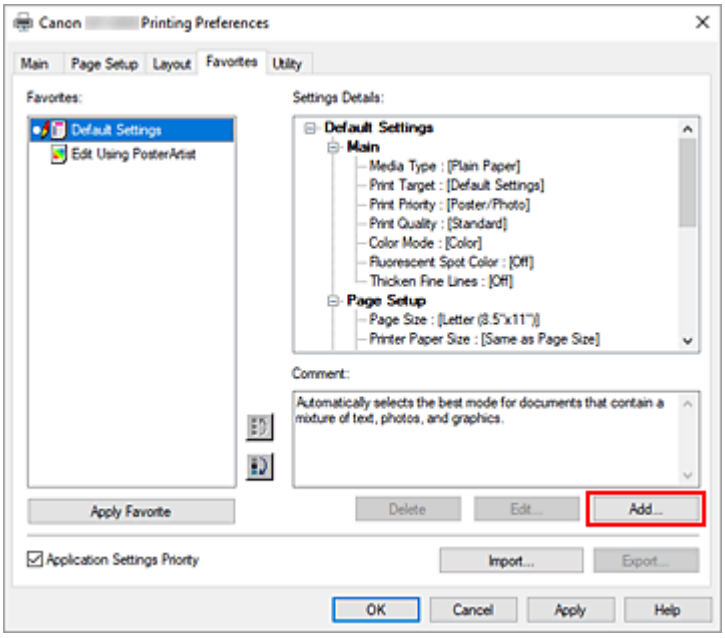
1. Open the printer driver setup window

2. Set the necessary items

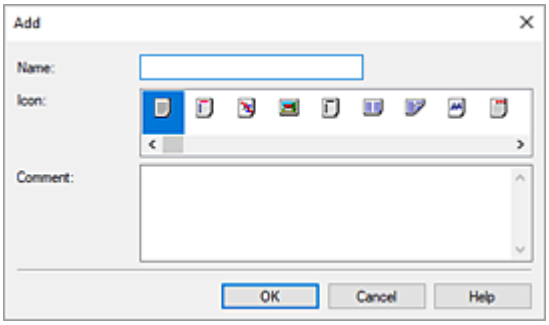
   On the **Main** tab, the **Page Setup** tab, and the **Layout** tab, specify the print settings you want to register.

3. Display **Add** dialog box

   On the **Favorites** tab, click **Add...**.



   The **Add** dialog box opens.



4. Register favorite setting

In **Name**, enter the name of the favorite. Set the **Icon** and **Comment** fields as necessary, and then click **OK**.
The name and the icon appear in the **Favorites** list.
To check the settings of the registered favorite, click **Settings Details**.

Note

- To save the settings of the favorite to a file, click **Export...** on the **Favorites** tab.

Printing Using Favorite Settings

1. Open the printer driver setup window

2. Apply favorite

   From the **Favorites** list on the **Favorites** tab, select the favorite you want to use.
   Click **Apply Favorite** to replace the registered print settings.

3. Complete the setup

   Click **OK**.
   When you print, the document is printed with the settings of the registered favorite.

Deleting Unnecessary Printing Profile

1. Select favorite to be deleted

   Select the favorite you want to delete from the **Favorites** list on the **Favorites** tab.

2. Delete setting

   Click **Delete**. When the confirmation message appears, click **OK**.
   The selected favorite is deleted from the **Favorites** list.

Note

- Printing profiles that are registered in the initial settings cannot be deleted.
- The settings of the favorite being applied to the current print settings cannot be deleted. To delete that favorite, select another favorite from the **Favorites** list, click **Apply Favorite** to apply the settings of that other favorite, and then delete the target favorite.

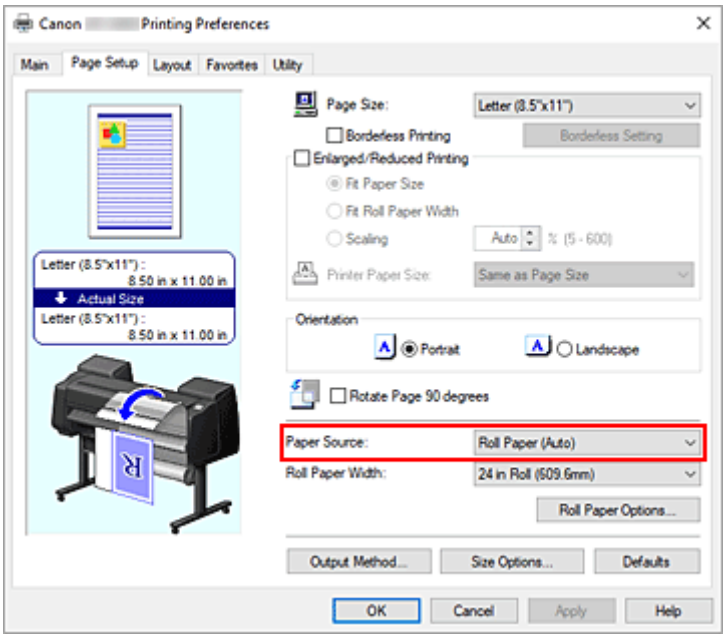
Cutting Roll Paper after Printing

The procedure for cutting roll paper automatically and printing cut guidelines is as follows:

1. Open the printer driver setup window

2. Select the paper source

   For **Paper Source** on the **Page Setup** tab, select the setting that matches your purpose from **Roll Paper (Auto)**, **Roll 1**, and **Roll 2**.

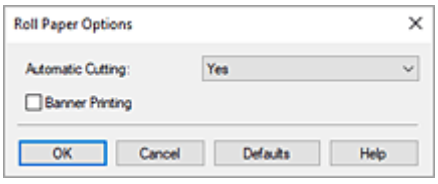


Important

- The paper feed method will differ depending on the lower level (roll paper 2) settings or roll unit option settings.

3. Display **Roll Paper Options** dialog box

   Click **Roll Paper Options** to display the **Roll Paper Options** dialog box.



4. Set auto cut

   From **Automatic Cutting**, select the item that matches your purpose.
   The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

   - **Yes**

     The roll paper is cut automatically after printing.
   - **No**

The roll paper is not cut after printing.

- **Print Cut Guideline**

  Cut guidelines are printed for cutting the roll paper manually after printing.

Note

- The default setting for automatic cutting is **Yes**.

After completing the setting, click **OK** to return to the **Page Setup** tab.

5. Complete the setup

Click **OK** on the **Page Setup** tab.
When you print, the status after printing is set to whatever was set in **Automatic Cutting**.

Printing from Printer

- Printing Data Saved on USB Flash Drive

Printing Data Saved on USB Flash Drive

You can print photo data (JPEG file) or document data (PDF file) saved on the USB flash drive easily.

Note

- Restrictions on printable PDF/JPEG files
  - PDF file:

    Files which conforms to V 1.7

    -Does not support overprint or some of transparent processing.

    -Font embedding is recommended. If a font is not embedded, it is replaced with one of the built-in fonts below.

    Times-Roman, Helvetica, Courier, Symbol, Times-Bold, Helvetica-Bold, Courier-Bold, ZapfDingbats, Times-Italic, Helvetica-Oblique, Courier-Oblique, Times-BoldItalic, Helvetica-BoldOblique, Courier-BoldOblique
  - JPEG file:

    Files which conforms to JFIF 1.02

    Supports the files with the following conditions.

    -Processing method: Basic DCT

    -Color mode: RGB/GrayScale

    -Number of colors: 24bit/8bit

    -Number of pixels: 38400 or less vertically and horizontally

    Does not support some samplings

1. Load paper.

   - Loading the Upper Roll on the Printer
   - Loading the Lower Roll on the Roll Unit (Option)
   - Loading Sheets in the Printer

2. Insert USB flash drive into USB flash drive port.

3. Tap **Print from USB flash drive** on HOME screen.

   - Home Screen Menu Composition

   Note

   - When the message informing you that the operation restriction is enabled, ask the administrator of the printer you are using.
   - If no printable data is saved on the USB flash drive, **There are no files that can be printed.** is displayed on the touch screen.

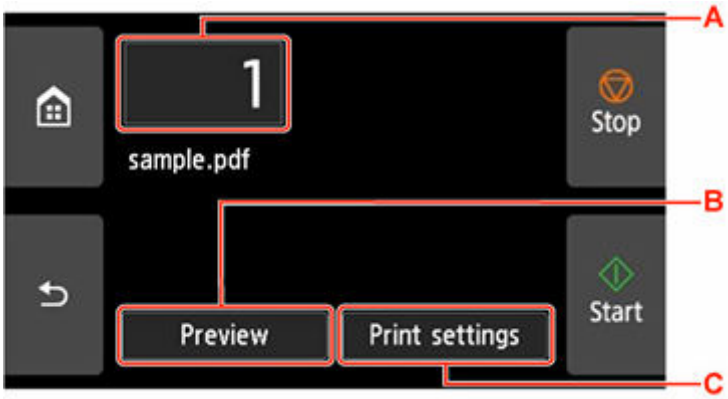
4. In the list, tap folder or data to print.

Tapping a folder displays the data list. Tap the data to print.

Note

- If no printable data is saved on the folder you tapped, **There are no files that can be printed.** is displayed on the touch screen.

The following screen is displayed.



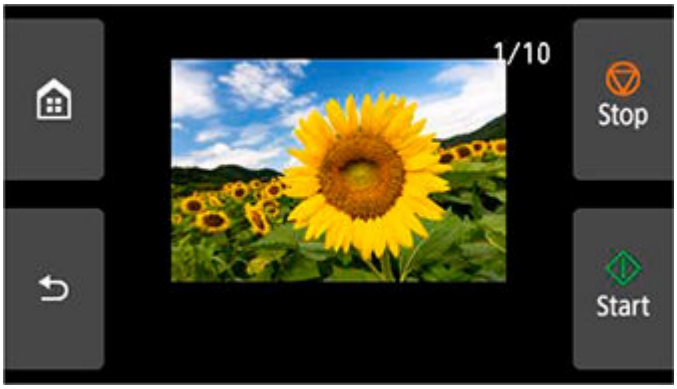
A. Number of copies

Tap to display the screen below and specify the number of copies.

B. Preview

Tap to preview an image of the printout on the preview screen.

Specify the pages to preview and print only specific pages.



C. Print settings

Tap to display the **Print settings** screen. You can check and change the print settings.

5. Tap **Start**.

   The printer starts printing.

Note

- Tapping **Yes** on the displayed screen returns to step 4. Tapping **No** returns to HOME screen.

Printing from Smartphone/Tablet

For more on printing from a device, refer to the device's or application's instruction manual.

- **Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY**
- **Printing from iOS Device (AirPrint)**

Enlarging Copy with imageRUNNER ADVANCE

Copy scanned with imageRUNNER ADVANCE can be sent to the printer via FTP.

Enable FTP from Remote UI.

1. Start up Remote UI.

   ➡ Start up Remote UI

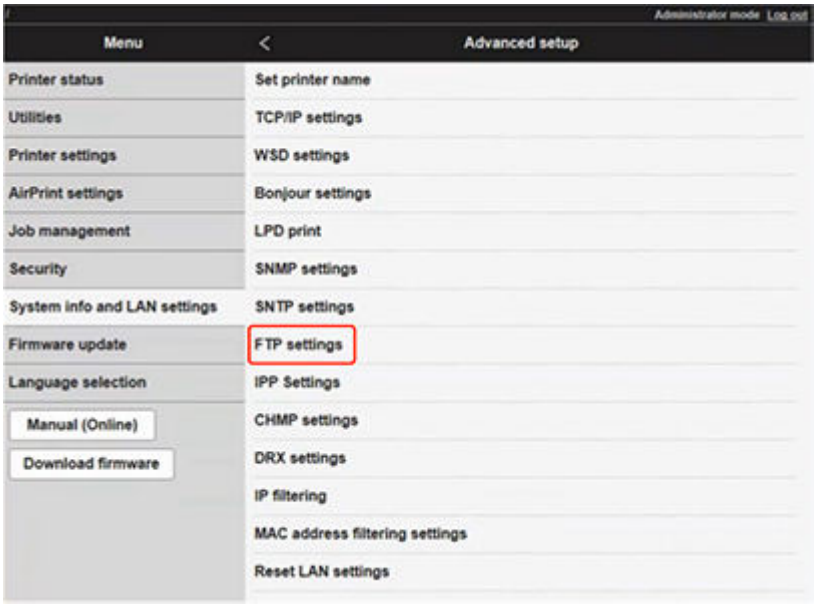
2. Select **System info and LAN settings**.

3. Select **LAN settings**.

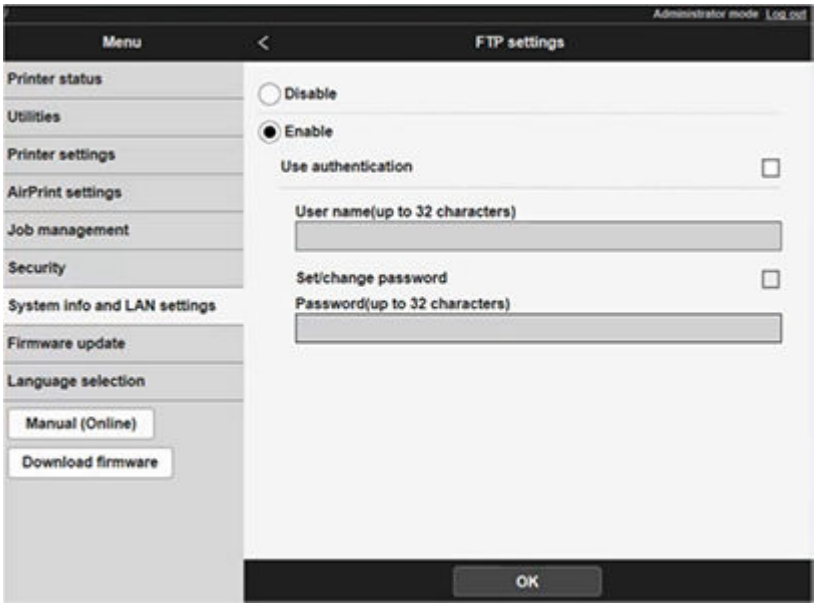
4. Select **Advanced setup**.

5. Confirm displayed message and tap **Yes**.

6. Select **FTP settings**.



7. Select **Enable**.



8. Select **Use authentication** check box and **Set/change password** check box, and then enter a user name and password.

   The user name and password you enter in this step are used for FTP authentication.

   Enter the same value for FTP settings of imageRUNNER ADVANCE.

9. Select **OK**.

   Please wait momentarily appears and returns to the startup screen.

10. Close web browser.

Perform enlarge settings on the operation panel.

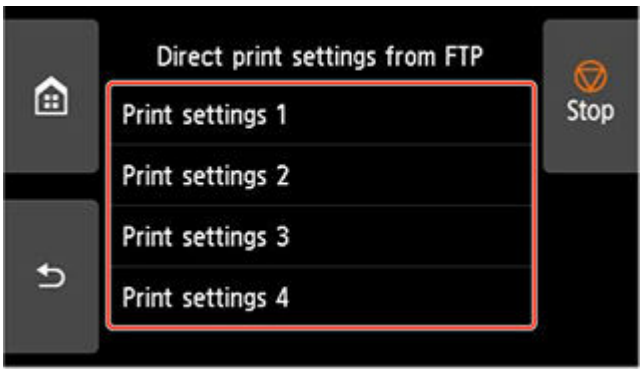
1. Tap **Printer settings** on HOME screen.

   ➡ Home Screen Menu Composition

2. Tap **Print settings**.

3. Tap **Direct print settings from FTP**.

4. Select the number to set and tap.



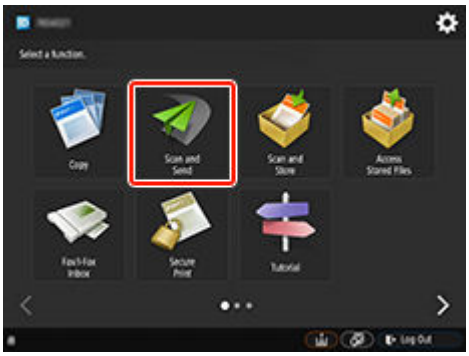
See the following two types of enlargement setting methods.

- Fitting to Paper Width
- Specifying Magnification Level

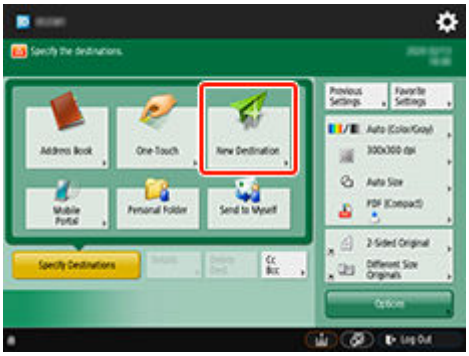
Scan and enlarge copy

1. Place the copy on the platen glass or feeder of imageRUNNER ADVANCE.

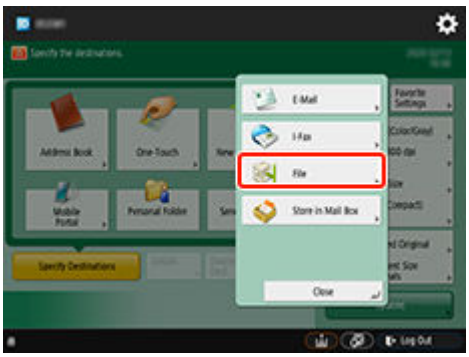
2. Select **Scan and Send**.



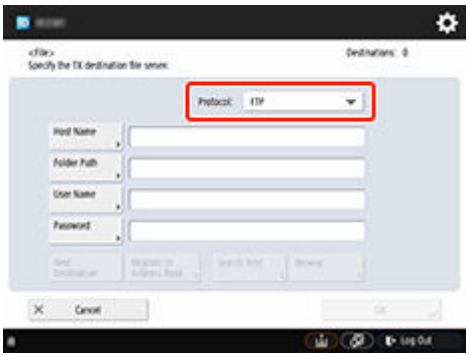
3. Tap **New Destination**.



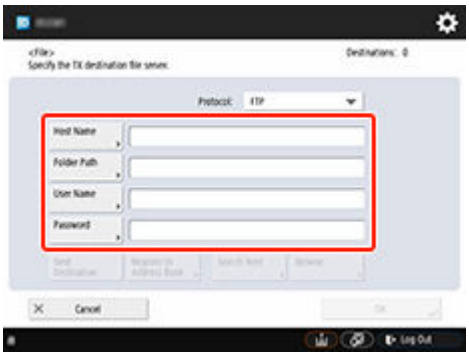
4. Tap **File**.



5. Tap **FTP** from the **Protocol** drop-down list.



6. Enter setting items.



Enter the printer's IP address as the **Host Name**.

Note

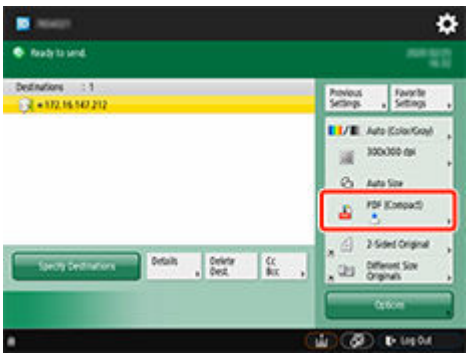
- We recommend that you set a fixed IP address for your printer.

Enter "./folderN" in **Folder Path**. ("N" represents the print setting number specified in the **Direct print settings from FTP** screen on the printer.) For example, to enter the pathname for **Print settings 1**, enter "./folder1". For **Print settings 2**, enter "./folder2".

Use the same **User Name** and **Password** that you set for FTP authentication in the Remote UI.

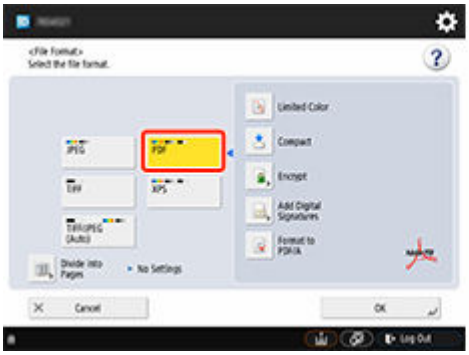
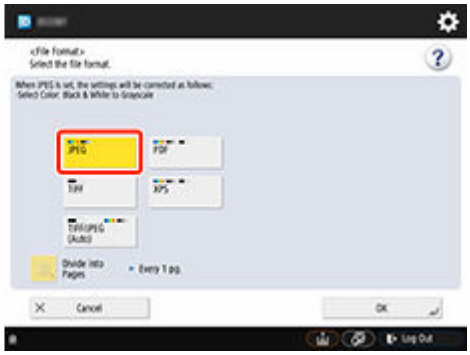
7. Tap **OK**.

8. Tap the setting button for file format.



9. Select **File Format**.

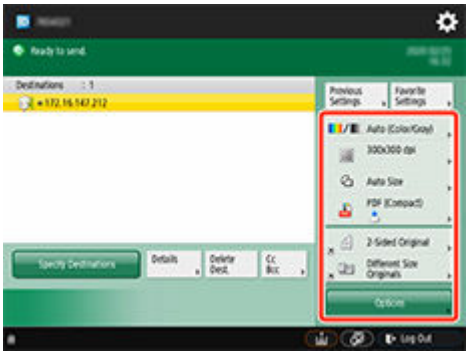
   Select **PDF** or **JPEG**.

Note

- If you select **PDF**, remove the check from the **Compact** and **Encrypt** check boxes.

10. Specify the settings as necessary.



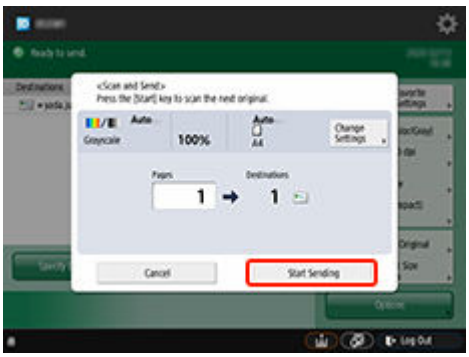
Important

- Select **300x300 dpi** or **600x600 dpi** as the resolution.

11. Press (Start).

    If you are placing your originals on the platen glass, press (Start) to scan each original.

12. When scanning is complete, tap **Start Sending**.



Scanned originals are sent to the printer and printing starts.

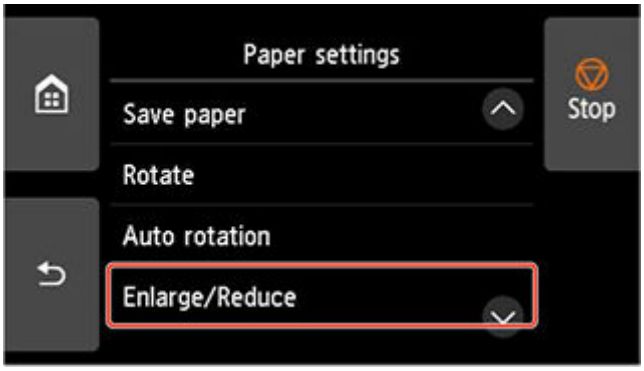
Note

- It is recommended to register the setting contents in **Favorite Settings**.

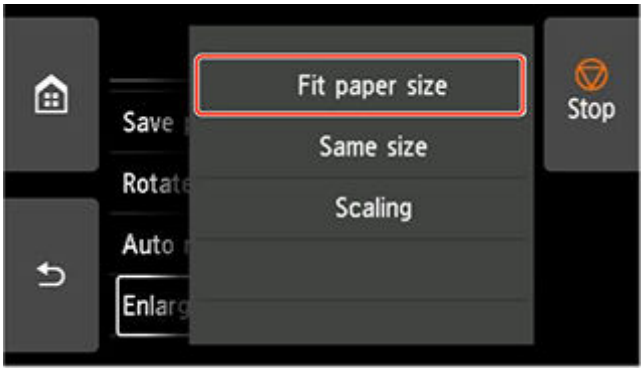
Fitting to Paper Width

1. Tap **Paper settings**.

2. Tap **Enlarge/Reduce**.



3. Tap **Fit paper size**.



Note

- Change the image quality in **Print quality settings** if necessary.
- You can specify the orientation of the image from **Rotate**.

Specifying Magnification Level

Setting Input resolution

1. Tap **Print quality settings**.

2. Tap **Input resolution**.

Select the input resolution that matches your output requirements.

600 dpi

Select when printing at 600 dpi.

300 dpi

Select when printing at 300 dpi.

Specify print job

Select to match the input resolution of the printer with the scanning resolution when scanning the original in JPEG format.

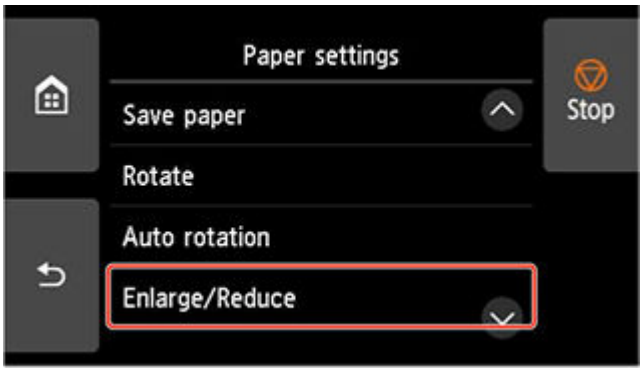
Important

- When scanning the original in JPEG format with imageRUNNER ADVANCE, match the scanning resolution with the input resolution of the printer. If the resolution is different, it will not be printed at the specified magnification level.

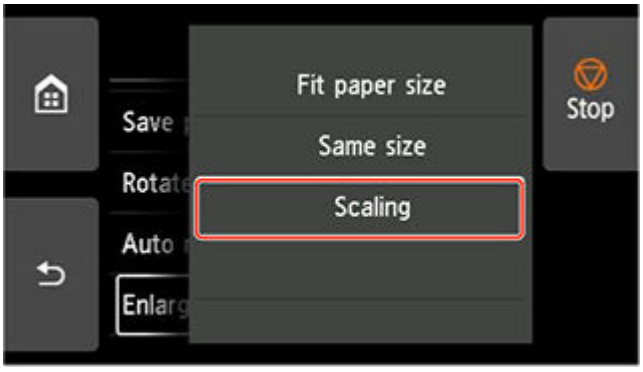
Setting scale percentage

1. Tap **Paper settings**.

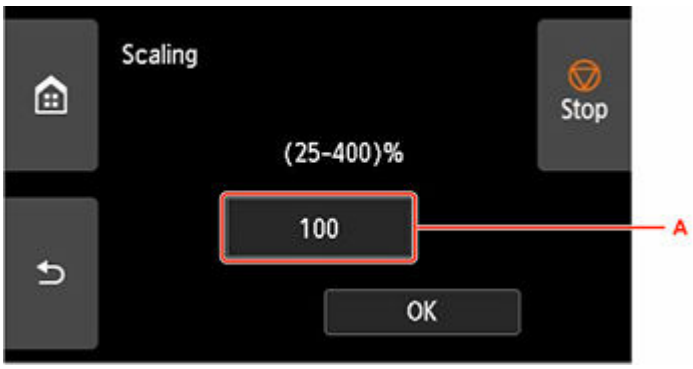
2. Tap **Enlarge/Reduce**.



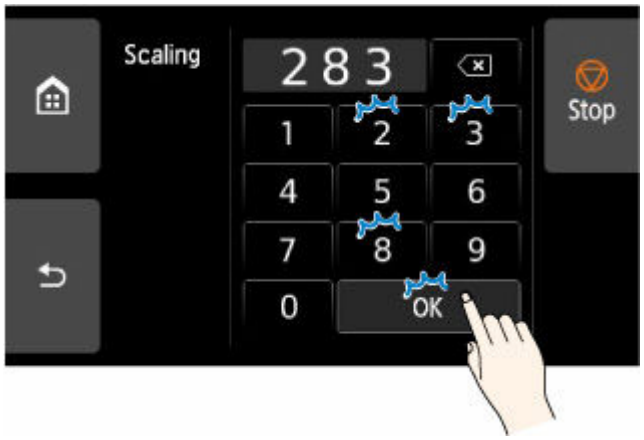
3. Tap **Scaling**.



4. Tap A on the displayed screen.

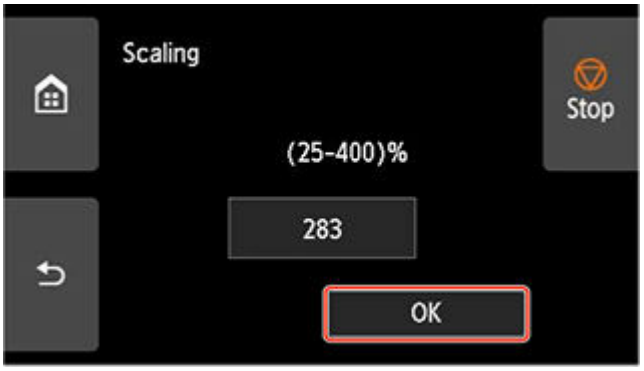


5. Enter the scale percentage, and then tap **OK**.



For commonly used magnification conversions, refer to Reference for Magnification.

6. Select **OK** on the displayed screen.



Note

- Change the image quality in **Print quality settings** if necessary.
- You can specify the orientation of the image from **Rotate**.

Reference for Magnification

- ISO A format

	Original size

		A4	A3
Output size	A4	100%	71%
	A3	141%	100%
	A2	200%	141%
	A1	283%	200%
	A0	400%	283%

- ANSI format

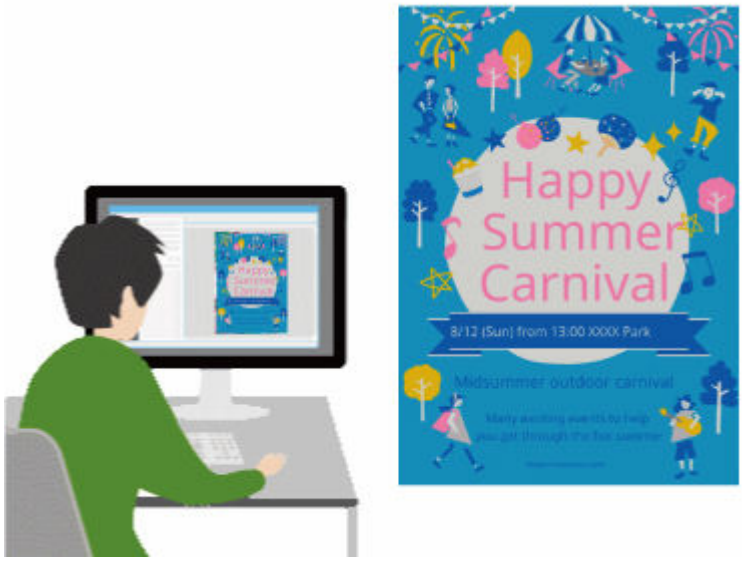
		Original size		
		Letter 8.5" x 11"	Legal 8.5" x 14"	Ledger 11" x 17"
Output size	C	200%	157%	129%
	D	258%	242%	200%
	E	400%	314%	258%

- ARCH format

		Original size	
		A	B
Output size	A	100%	66%
	B	133%	100%
	C	200%	133%
	D	266%	200%
	E	400%	266%
	E1	333%	233%

Printing with Fluorescent Ink

Create items such as posters in bright and vivid color tones using fluorescent ink.



Using Vivid Color Tones

There are two ways to make your item vivid.

Printing the Entire Item Vividly (Vivid mode)

Make all warm colors bright and vivid.

This is recommended when a photo or illustration contains multiple warm colors such as pink and orange.

Printing Colors of Specific Areas Vividly (Spot mode)

Make specific colors bright and vivid using pink or orange fluorescent ink.

This is recommended when you want to enhance text or shapes.

Creating Vivid Items

In Windows, you can use PosterArtist, an application for creating professional-looking posters even without professional knowledge or technique; simply select a design from a variety of templates and then insert and edit text, photos, clipart, and other materials.

Use PosterArtist to quickly create a bright and vivid item by selecting a template and specifying colors for text and shapes. There is also a function for previewing only the area that will be vivid. For details, see Creating Vivid Posters Using Fluorescent Colors.

Note

- Even for items you created in your application, you can use PosterArtist to make them vivid by specifying pink or orange fluorescent ink for specific portions. For details, see Link with PosterArtist to print with bright colors.
- You can also open the printer driver from your application and specify the setting for making color tones vivid in the print settings screen. For details, see Printing By Setting Print Purpose or Specify Fluorescent Colors and Print.
- If using macOS, create an item in your application, and then see Printing with Easy Setup or Specify Fluorescent Colors and Print and print.

Printer Driver

- Windows Printer Driver
- macOS Printer Driver

Windows Printer Driver

- Overview of the Printer Driver
- Printer Driver Description
- Updating the Printer Driver

Overview of the Printer Driver

- Canon IJ Printer Driver
- Changing the Print Options
- Canon imagePROGRAF Preview
- How to Open the Printer Driver Setup Window
- Updating Media Information in Printer Driver
- Setting Accounting Information
- Set a PIN Code for Print Jobs
- Deleting the Undesired Print Job
- Canon IJ Status Monitor
- Instructions for Use (Printer Driver)

Canon IJ Printer Driver

The Canon IJ printer driver (called printer driver below) is a software that is installed on your computer for printing data with this printer.

The printer driver converts the print data created by your application software into data that your printer can understand, and sends the converted data to the printer.

Because different models support different print data formats, you need a printer driver for the specific model you are using.

Installing the Printer Driver

To install the printer driver, install the driver from the Setup CD-ROM or our website.

Specifying the Printer Driver

To specify the printer driver, open the **Print** dialog box of the application software you are using, and select "XXX" (where "XXX" is your model name).

Displaying the Manual from the Printer Driver

To display a description of a tab in the printer driver setup window, click the **Help** button found on the tab.

Related Topic

➡ How to Open the Printer Driver Setup Window

Changing the Print Options

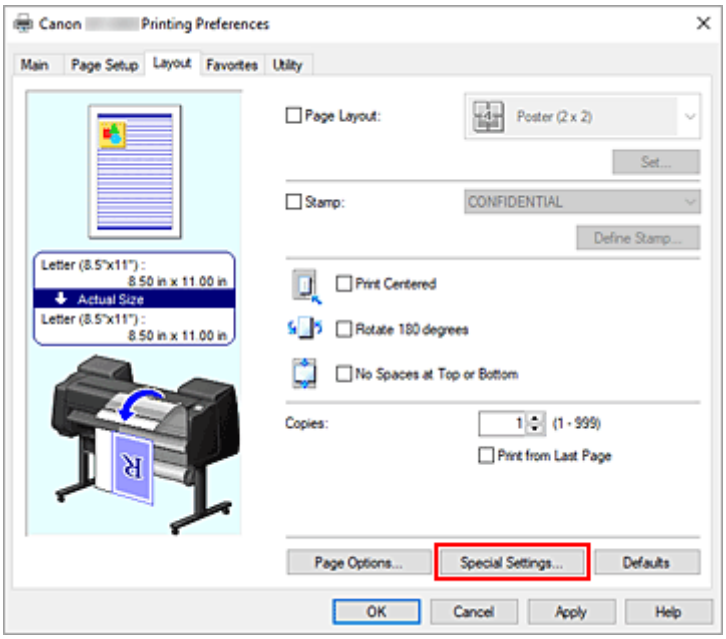
You can change the detailed printer driver settings for print data that is sent from an application software.

Check this check box if part of the image data is cut off, the paper source during printing differs from the driver settings, or printing fails.

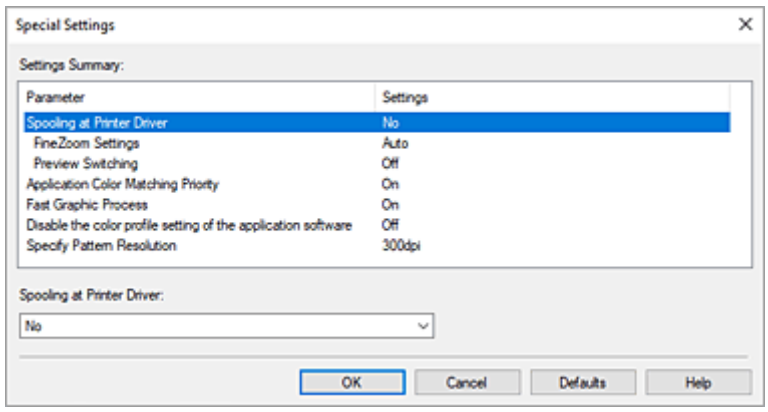
The procedure for changing the print options is as follows:

1. Open the printer driver setup window

2. Click **Special Settings...** on the **Layout** tab



   The **Special Settings** dialog box opens.



3. Change the individual settings

   If necessary, change the setting of each item, and then click **OK**.

   The **Layout** tab is displayed again.

Canon imagePROGRAF Preview

The Canon imagePROGRAF Preview is an application software that displays what the print result will look like before a document is actually printed.

The preview reflects the information that is set within the printer driver and allows you to check the document layout, print order, and number of pages. You can also change the media type and paper source settings.

When you want to display a preview before printing, open the printer driver setup window, click the **Main** tab, and check the **Preview before printing** check box.

When you do not want to display a preview before printing, uncheck the check box.

Related Topic

- Displaying the Print Results before Printing

How to Open the Printer Driver Setup Window

You can display the printer driver setup window from the application software in use or from the printer icon.

Open the Printer Driver Setup Window through the Application Software

Follow the procedure below to configure printing profile when printing.

1. Select the command that you perform printing on the application software

   In general, select **Print** on the **File** menu to open the **Print** dialog box.

2. Select your model name and click **Preferences** (or **Properties**)

   The printer driver setup window appears.

   Note

   - Depending on application software you use, command names or menu names may vary and there may be more steps. For details, refer to the user's manual of your application software.

Opening the Printer Driver Setup Window from the Printer Icon

Follow the procedure below to perform printer maintenance operations such as print head cleaning, or to configure a printing profile that is common to all application software.

1. Display the **Devices and Printers** window

   Select the **Control Panel** -> **Hardware and Sound** (**Hardware**) -> **Devices and Printers**.

2. Right-click your model name icon, and then select **Printing preferences** from the displayed menu

   The printer driver setup window appears.

   Important

   - Opening the printer driver setup window through **Printer properties** displays such tabs regarding the Windows functions as the **Ports** (or **Advanced**) tab. Those tabs do not appear when opening through **Printing preferences** or application software. For tabs regarding Windows functions, refer to the user's manual for the Windows.

Updating Media Information in Printer Driver

This function gets the latest media information from the printer and updates the media information in the printer driver.
When the media information is updated, the media displayed for **Media Type** on the **Main** tab is updated to the latest information.

The procedure for updating media information is described below.

1. Display the **Devices and Printers** window

   Select the **Control Panel** -> **Hardware and Sound** (**Hardware**) -> **Devices and Printers**.
   The **Devices and Printers** window is displayed.

2. Display setup window

   Right-click the "Your model name" icon, and select **Printer properties**.
   The printer's **Properties** window appears.

3. Update media information

   Click **Update Media Information** the **Device Settings** tab.
   When a confirmation message appears, click **Start**.
   If the paper information on the driver cannot be updated, click **Initial Check Items** and check the displayed information.
   The printer driver media information will update.

   Important

   - It may take some time to update the media information.

4. Finish updating media information

   When a confirmation message appears, click **OK**.
   The media information will be updated.

   Important

   - Restart the printer driver after updating media information.
   - Do not change media information on the printer while you are updating media information on the driver.

Important

- Ensure that a user with administrative privileges carries out the media information update.
  Users other than administrators can check if a media information update is required, but cannot carry out the update itself.
- When you have added, deleted, or edited media using administrative tools (the Media Configuration Tool) but have not updated the media information, issues may arise such as the inability to print.

Setting Accounting Information

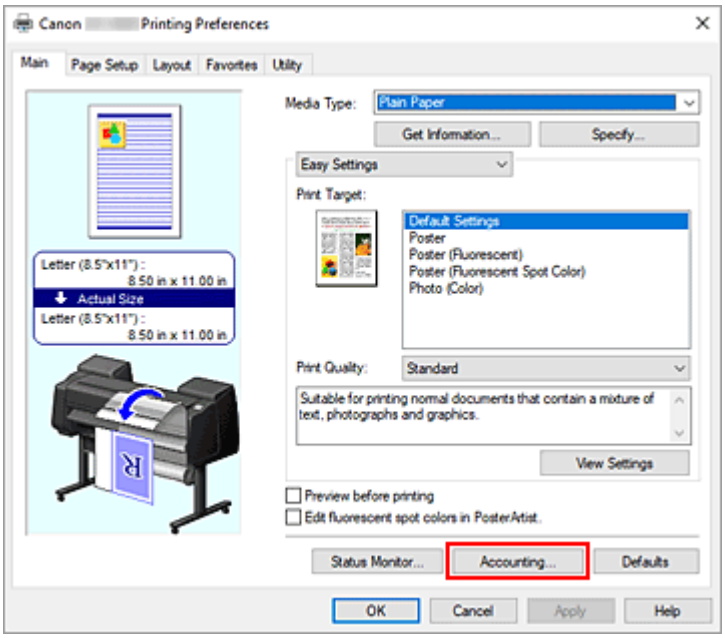
By setting accounting information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

The procedure for setting accounting information is described below.

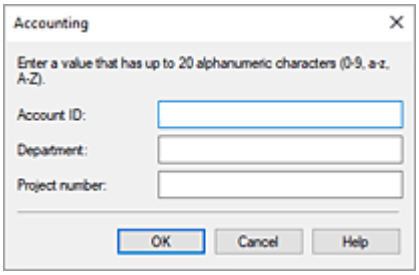
Setting Accounting Information

1. Open the printer driver setup window

2. Click **Accounting...** on the **Main** tab



The **Accounting** dialog box opens.



3. If necessary, complete the following settings:

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

Fix Accounting

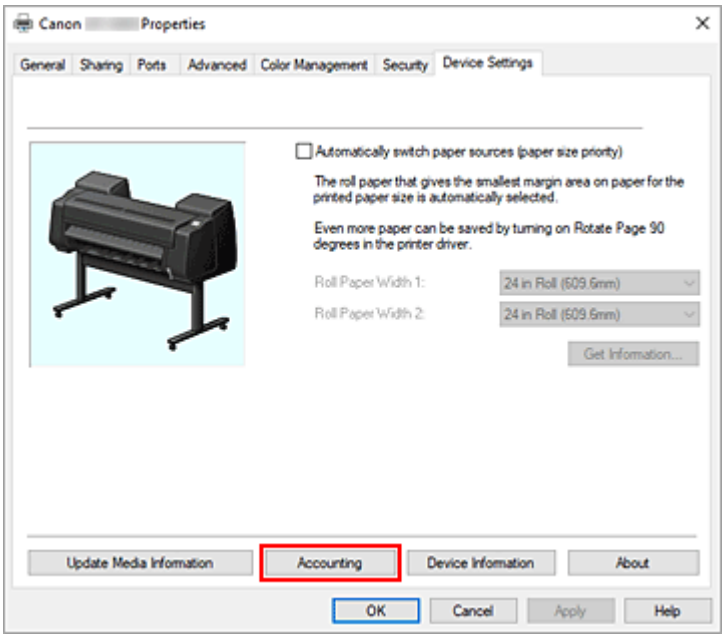
1. Display the **Devices and Printers** window

   Select the **Control Panel** -> **Hardware and Sound** (**Hardware**) -> **Devices and Printers**.
   The **Devices and Printers** window is displayed.

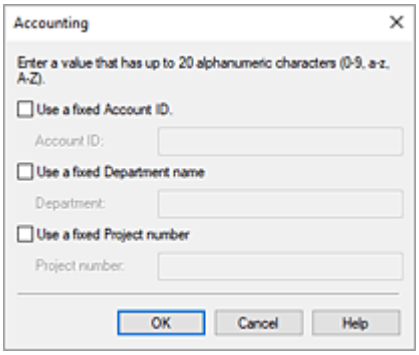
2. Display setup window

   Right-click the "Your model name" icon, and select **Printer properties**.
   The printer's properties window appears.

3. Click **Accounting** on the **Device Settings** tab



   The **Accounting** dialog box opens.



4. If necessary, complete the following settings:

   Use a fixed Account ID./Use a fixed Department name./Use a fixed Project number.
   Prohibits changes to account ID, department, and project number that have already been set. Check this check box to prevent other users from changing IDs.

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).
If you've added checkmarks to **Use a fixed Account ID.**, **Use a fixed Department name.**, or **Use a fixed Project number.**, you'll be able to configure each setting.

After completing the setting, click **OK** to return to the **Device Settings** tab.

5. Apply the settings

Click **OK** or **Apply**.
The settings are enabled hereafter.

Important

- If you fix the Accounting value in the **Device Settings** tab, the setting items in the **Accounting** dialog box in the **Main** tab will be grayed out and disabled.

Set a PIN Code for Print Jobs

If you set a PIN code to your print jobs, the print jobs remain in standby status until the PIN code is entered on the printer operation panel.
As the material is printed immediately after entering the PIN code, issues such as retrieving the wrong documents and allowing others to peek at your documents can be prevented.

The procedure for setting a PIN code to your print jobs is explained here.

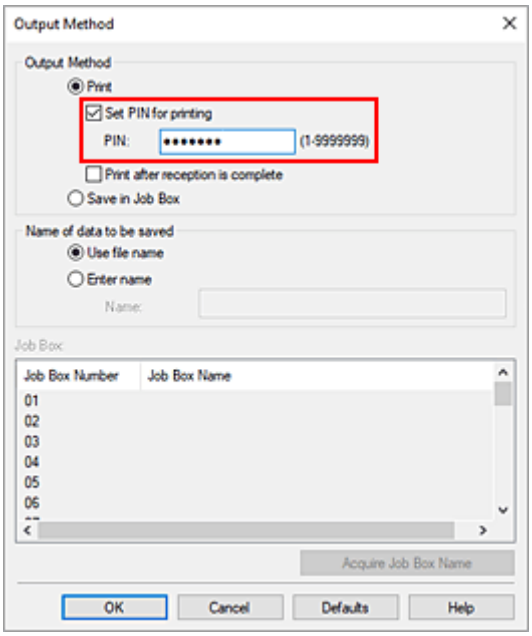
1. Open the printer driver setup window

2. Set the output method

   Click **Output Method...** in the **Page Setup** tab.

3. Set the PIN code

   Place a checkmark next to **Set PIN for printing**, and enter a one to seven-digit number in **PIN**.



4. Complete the setup

   Click **OK**.
   When you print, the print job is set to standby status on the printer unit.
   If you enter the PIN code you set on the printer operation panel, the print job will be printed.

Note

- See "Printing Security Print Jobs" for instructions on how to operate using the printer operation panel.
- Print jobs with a PIN code set are not saved on the printer hard disk.

Deleting the Undesired Print Job

If the printer does not start printing, canceled or failed print job data may be remaining.
Delete the undesired print job by using the Canon IJ Status Monitor.

1. Open the printer driver setup window

2. Display the Canon IJ Status Monitor

   Click **Status Monitor...** on the **Main** tab.
   The Canon IJ Status Monitor appears.

3. Display the print jobs

   Click **Display Send Queue**.
   The print queue window opens.

4. Delete the print jobs

   Select the print jobs you want to delete, and select **Cancel** from the **Document** menu.
   When the confirmation message appears, click **Yes**.

   The deletion of the print job is complete.

Important

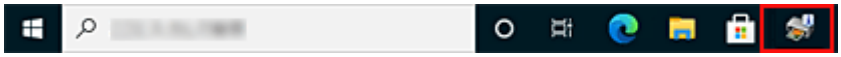
- Users who have not been granted access permission for printer management cannot delete the print job of another user.

Canon IJ Status Monitor

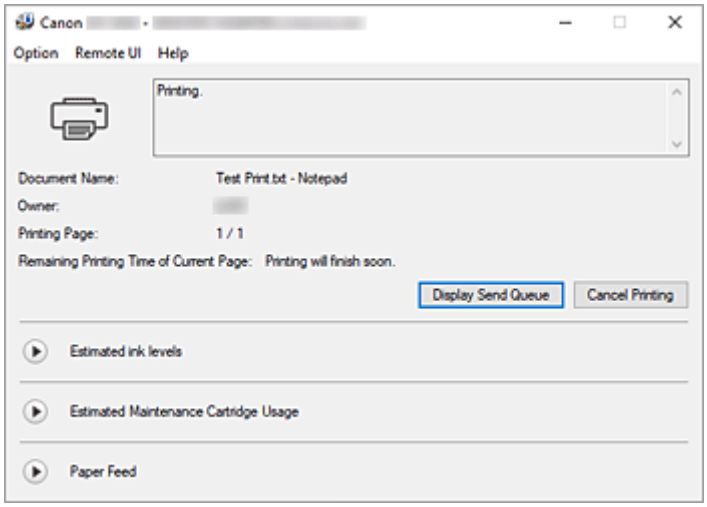
The Canon IJ Status Monitor is an application software that shows the status of the printer and the progress of printing. You will know the status of the printer with graphics, icons, and messages.

Launching the Canon IJ Status Monitor

The Canon IJ Status Monitor launches automatically when print data is sent to the printer. When launched, the Canon IJ Status Monitor appears as a button on the task bar.



Click the button of the status monitor displayed on the task bar. The Canon IJ Status Monitor appears.

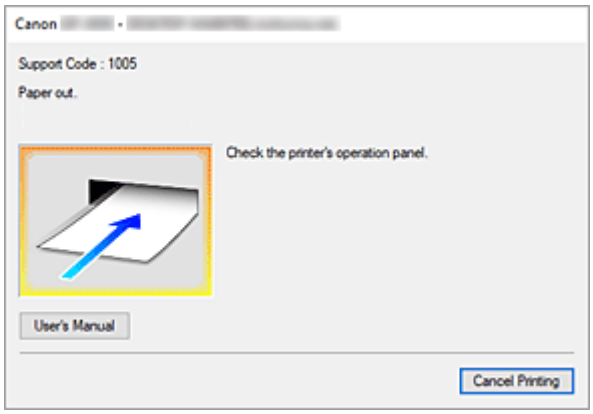


Note

- To open the Canon IJ Status Monitor when the printer is not printing, open the printer driver setup window and click **Status Monitor...** on the **Main** tab.
- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

When Errors Occur

If an error occurs (e.g., if the printer runs out of paper or if the ink is low), the Canon IJ Status Monitor displays an error information dialog box.



In such cases, take the appropriate action as described.

Checking the Ink Status from Your Computer

You can check the remaining ink level and the ink tank types for your model.

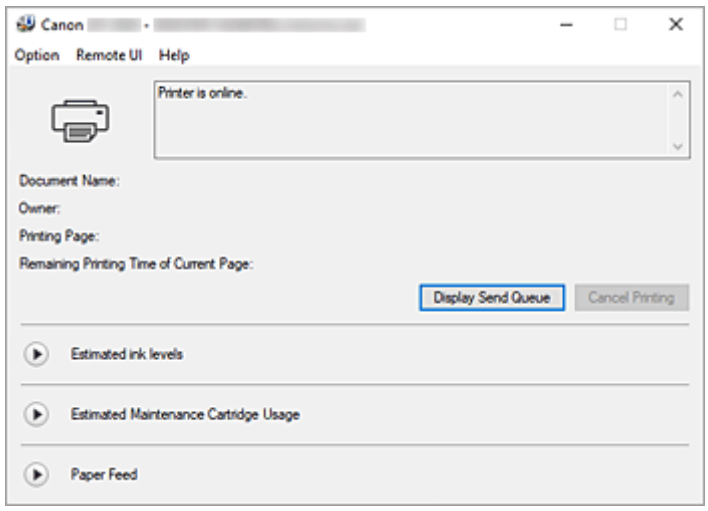
1. Open the printer driver setup window

2. Launching the Canon IJ Status Monitor

   On the **Main** tab, click **Status Monitor...**.
   The Canon IJ Status Monitor opens.

3. Display **Estimated ink levels**

   Ink status is displayed as an illustration.



Note

- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

Instructions for Use (Printer Driver)

This printer driver is subject to the following restrictions. Keep the following points in mind when using the printer driver.

Restrictions on the Printer Driver

- Before installing, log on to Windows as user with administrator rights.
- Always check the following before installing the software.
  1. Quit the application software while it is running.
  2. If you are printing a document, abort printing or wait for it to finish.
  3. Close all the printer driver's dialog boxes.
- If you can set the number of copies with the application software, set them either with the printer driver or the application software.
- If you can configure enlarging/reducing settings with the application software, set the normal size (100%) in the printer driver, and then configure the magnification factor with the application software.
- Depending on the application software used, it may be possible to print collated copies; however, please do not use this feature when configuring layout printing with the **Page Layout** option in the **Layout** tab.
  This may cause incorrect layout.
- When printing enlarged/reduced documents, printed results may come out different due to a discrepancy between the image data resolution and the enlarging/reducing ratio.
- When printing reduced color images, 1-dot wide lines or points may disappear from the color images.
- Depending on the application software, lines drawn at almost horizontal angles may not print correctly.
  If that should happen, re-draw the line horizontally and print one more time.
- Immediately after installing (or updating) the printer driver, you might not be able to visualize new features in some of the application software.
  In all application software provided with printing features, choose Print from the File menu and, after selecting the printer you are using, click the Properties.
  After the Properties dialog box has opened, immediately close it by clicking OK.
- If you update the model name of your printer through the **General** tab in the printer's Properties, the **Favorites** settings registered in the printer driver will be disabled.
  In such cases, save the Favorites settings as a file before changing the name of the printer and reload the saved file after you have updated the printer's name.
- Printing at high resolution requires a large amount of memory on your computer.
  When your computer is low on memory or you are using a large number of application software, the application software may not work correctly.
  In such cases, re-start Windows and, before resuming printing, close all the applications you are not using. Also, when the printer is not printing correctly, switch the **Print Quality** setting in the **Main** tab to a lower resolution.
- When using a local connection, if you do not see a check mark next to the **Enable bidirectional support** option in the **Ports** tab in the printer's Properties, it will not be possible to acquire printer and device information correctly.
- If you are you are using your printer with a USB connection, refrain from using standby mode. You can set standby mode through the **Power Options** on the **Control Panel**.

- In case of a large amount of print data, the printer may time-out during printing and you may no longer be able to print.
  In such cases, in the **Advanced** tab in the printer's Properties, choose **Spool print documents so program finishes printing faster** and place a check mark next to **Start printing after last page is spooled**.
- Fine lines and gradients may not print correctly.
  In such cases, choose Print from the File menu of the application, and after opening from there the property dialog box of the printer driver, follow the procedure below and then run printing.
  1. In the **Main** tab, uncheck **Preview before printing**.
  2. In the **Layout** tab, uncheck **Page Layout**.
  3. If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings...**.
     Turn off **Fast Graphic Process**.
- In case of a large amount of print data, the printer may time-out during printing and you may no longer be able to print.
  In such cases, you may be able to print by increasing the time set in Job timeout in the printer's operation panel.
- Depending on the application used, if you print using features like enlarging/reducing, layout printing, page borders and so on, some of the data in the resulting printed document, for example graphics, may differ from the source document.
- If you print very large images from your computer when it's running low on memory, you may not be able to print correctly; for example, it may take a very long time to print or parts of the image may end up missing.
  In such cases, try printing after following the procedure indicated below.
  - If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings...**.
    Turn off **Fast Graphic Process**.
  - Increase your computer memory.
  - Increase the virtual memory of your operating system.
- To print to cut sheets by lining up multiple documents, you must use the Free Layout function. Go to the Canon website, download imagePROGRAF Printer Driver Extra Kit, and then install it.
- Do not change the **Print Processor...** settings in the **Advanced** tab in the printer Properties.
  If you change them, you will not be able to use some of the features correctly, such as the **Page Layout** feature in the **Layout** tab.
- In the cases described below, you will not be able to use the **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab as well as the Canon imagePROGRAF Preview feature.
  - When right-clicking on the printer icon and choosing from **See what's printing**: **Printer** -> **Pause Printing**, or when right-clicking on the printer icon and choosing **Pause Printing**
  - When right-clicking on the printer icon and choosing from **See what's printing**: **Printer** -> **Use Printer Offline**, or when right-clicking on the printer icon and choosing **Use Printer Offline**
  - When printing during hours other than those set in **Available from** and **To** in the **Advanced** tab in the printer's Properties
  - When printing with the **Enable advanced printing features** turned off in the **Advanced** tab in the printer's Properties
  - When printing with **Print directly to the printer** enabled in the **Advanced** tab in printer's Properties

    - When printing after the printing port in the **Ports** tab in the printer's Properties has changed to **FILE:**
    - When printing after choosing **Output to file** in the **Print** dialog box in the application software
- If you perform a point-and-print installation, you will not be able to use the **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab.
- If you print after setting **Free Layout** and **Edit Using PosterArtist**, refrain from printing from other drivers.
- If you combine specific **Print Quality** with large paper sizes, you may not be able to correctly print stamps and borders.
- In the Canon imagePROGRAF Preview, characters and fine lines visualized in the View screen may look differ from printed results. In such cases, try choosing the **Layout** tab, opening the **Special Settings** dialog and turning on **Preview Switching**.
- If you are using a model supporting **Automatically switch paper sources (paper size priority)** in the **Device Settings** tab, or if you have chosen **Automatically switch paper sources (paper size priority)**, you may not be able to get the desired printing results.
  In such cases, uncheck **Automatically switch paper sources (paper size priority)**.

Points to Note About Applications with Restrictions

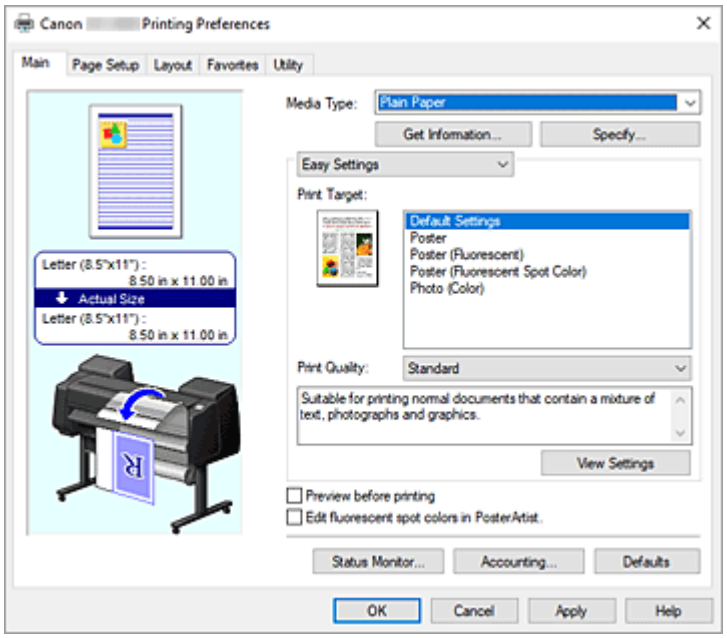
- If, in Microsoft Excel, you place a checkmark next to the Collate and then you print more than one copy, or if you do **Entire workbook** after configuring different settings in each tab, you may not be able to perform layout printing nor to get the intended printing results.
- If you try to print data on a very large-size paper through applications like Adobe Illustrator, you may not be able to print.
  In such cases, try printing after following the procedure indicated below.
    - Open the **Main** tab and uncheck **Preview before printing**.
    - If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings...**.
      Turn off **Fast Graphic Process**.
    - Increase the virtual memory of your operating system.
    - If you are using Adobe Illustrator, turn off/on **Bitmap printing** in the Print dialog box.
- In the cases described below, you will not be able to use the **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab.
    - When printing from application software which do not allow EMF spooling.
- When printing from Adobe Photoshop, tone jumps may occur in the gradation of black and white photographs.
- When printing data created with Microsoft Word using **Enlarged/Reduced Printing** or **Borderless Printing**, you may not be able to print correctly.
  In such cases, try printing after following the procedure indicated below.
    - Open the printer folder from the start menu, right click on the printer icon and select **Printing preferences**. Launch the application after setting, in the **Page Setup** tab, **Page Size**, **Enlarged/Reduced Printing** and **Borderless Printing**.
    - Open Microsoft Word's **Page setup** dialog box and close it by clicking **OK**.
    - After configuring the printer driver, close momentarily the **Print** dialog box without printing. Then, open the printer driver's set up screen once again, close it by clicking **OK**, and run printing.

Printer Driver Description

- Main Tab Description
- Page Setup Tab Description
- Layout Tab Description
- Favorites Tab Description
- Utility Tab Description
- Device Settings Tab Description
- Canon IJ Status Monitor Description

Main Tab Description

The **Main** tab allows you to create a basic print setup in accordance with the media type. Unless special printing is required, normal printing can be performed just by setting the items on this tab.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

The printer illustration shows how to load paper to match the printer driver settings.

Check whether the printer is set up correctly by looking at the illustration before you start printing.

Media Type

Selects a type of printing paper.

Select a media type that matches the paper that is loaded in the printer. This ensures that printing is carried out properly for the specified paper.

Get Information...

Opens the **Paper Information on Printer** dialog box.

You can check the settings on the printer and apply the checked settings to the printer driver.

Specify...

Open the **Paper Detailed Settings** dialog box, and specify detailed print settings that match the media type loaded in the printer.

Pull-down menu

Switches the **Easy Settings** and **Advanced Settings**.

Easy Settings

This mode allows you to print by using pre-registered print settings.

Print Target

Print settings that are generally used frequently are pre-registered as print purposes. By using a print purpose to print, you can print by using settings that match the document.

Default Settings

Select this when printing general documents such as business documents.

Poster

Select this when printing posters.

Poster (Fluorescent)

Select this when you want to make the entire poster more vibrant.

Poster (Fluorescent Spot Color)

Select this when you want to specify areas of the poster to make more vibrant.

Photo (Color)

Select this when printing color illustrations or photos.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

Important

- Depending on the **Media Type** settings, the same print results may be produced even if the **Print Quality** is changed.

Highest

Quality will be prioritized during printing.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality. Resolution settings depend on media type.

Custom

Opens the **Custom** dialog box.

Select this when you want to set the printing quality level individually.

View Settings

Opens the **View Settings** dialog box.

Advanced Settings

This mode allows you to print by specifying detailed settings that match your purpose.

Print Priority

Select elements to prioritize for print results.

Poster/Photo

Prioritize the print results of the poster or photo without using fluorescent ink.

Poster/Photo (Fluorescent)

Use fluorescent ink to make posters or photos more vibrant.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

Important

- Depending on the **Media Type** settings, the same print results may be produced even if the **Print Quality** is changed.

Highest

Quality will be prioritized during printing.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality. Resolution settings depend on media type.

Custom

Opens the **Custom** dialog box.

Select this when you want to set the printing quality level individually.

Color Mode

Select the color to print.

Color

Prints with the number of colors in the document.

Monochrome

Print in grayscale.

Color Settings

Opens the **Color Settings** dialog box.

You can adjust individual color settings such as **Cyan**, **Magenta**, **Yellow**, **Brightness**, and **Contrast** on the **Color Adjustment** tab, and select the **Color Correction** method on the **Matching** tab.

Fluorescent Spot Color

Specify an area and print posters with bright colors.

To use fluorescent spot colors, add a checkmark.

Settings...

Opens the **Settings** dialog box.

Select the fluorescent spot color you want to use from the palette.

Thicken Fine Lines

To make thin lines thicker and easier to see when printing, add a checkmark.

Preview before printing

You can start up the Canon imagePROGRAF Preview, and check what the printing results will be before executing the print.

Check this check box to display a preview before printing.

Edit fluorescent spot colors in PosterArtist

Start PosterArtist to edit fluorescent spot colors and check print results using the preview function.

To edit fluorescent spot colors in PosterArtist, add a checkmark.

Status Monitor...

Displays the status monitor.

Accounting...

Opens the **Accounting** dialog box.

By setting **Accounting** information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

Note

- To set accounting information, see "Setting Accounting Information."

Defaults

Restores all the settings you have changed to their default values.

Clicking this button restores all the settings on the current screen to their default values (factory settings).

Paper Detailed Settings dialog box

Drying Time

Wait time can be set to allow ink to dry. **Between Pages** settings are only enabled for roll paper.

Between Pages

The wait time until outputting paper can be set after printing one page. Time is taken before cutting roll paper to allow the ink to dry, so even when **Automatic Cutting** in the **Roll Paper Options** dialog box of the **Page Setup** tab is set to **Yes**, page may be dropped into the basket with dried ink.

Printer Default

Settings in printer unit operation panel are applied.

None

Page will be output immediately after printing

30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / 60 min.

Page will be output after set amount of time has passed after printing.

Between Scans

The wait time until printing next scan can be set after printing one scan in page. Set in the event smudging occurs in the page, unevenness occurs in borderless printing, etc., and you would like to avoid this smudging and unevenness.

Printer Default

Settings in printer unit operation panel are applied.

None

Next scan will be print immediately after first scan is print.

0.5 sec. / 1sec. / 3sec. / 5sec. / 7sec. / 9sec.

Next scan will be print after the set amount of time has passed after printing one scan.

* If smudges and/or unevenness occur, please increase time.

Roll Paper Safety Margin

In order for heavily curling paper to absorb well in platen, length of margin established on edge of paper can be selected.

Near End Margin

Roll **Near End Margin** length can be set.

Printer Default

Settings in printer unit operation panel are applied.

3mm

Will be print in standard size.

* Please select when there are no particular problems with printing.

20mm

Please select when rubbing of the print heads occurs, such as when heavily curling paper is being used.

Cut Speed

Select auto-cut speed. This can be adjusted when paper cannot be cut precisely with auto-cut.

Printer Default

Settings in printer unit operation panel are applied.

Fast

Select when cut is not smooth with **Standard** settings.

Standard

Select when there are no particular problems with auto-cut.

Slow

If this is selected for paper with adhesive, the cutter will not stick to the adhesive easily and it will slow deterioration of the cutter's capabilities.

Unidirectional Printing

Controls color unevenness and unaligned ruled lines.

Please check when printing in one direction.

Calibration Value

The results can be applied when printing in the event color calibration was set in printer unit. Please select **Use Value** when applying calibration.

Mirror

Select whether to print reflected image or not. When you select this check box, text and images will be printed as if reflected in a mirror.

Custom dialog box

Set the quality level, and select the desired print quality.

Quality

You can use the slider bar to adjust the print quality level.

Important

- Certain print quality levels cannot be selected depending on the settings of **Media Type**.

Note

- The **Highest**, **High**, or **Standard** print quality modes are linked with the slider bar. Therefore when the slider bar is moved, the corresponding quality and value are displayed on the left. This is the same as when the corresponding quality is selected for **Print Quality** on the **Main** tab.

View Settings dialog box

Print Target

Select the print purpose. The settings of the selected print purpose are displayed in **Details**.

Name

Displays the name of the selected print purpose.

Details

Displays the settings of the print purpose that was selected for **Print Target**.

Color Settings dialog box

Color Adjustment Tab

This tab allows you to adjust the color balance by changing the settings of the **Cyan**, **Magenta**, **Yellow**, **Brightness**, and **Contrast** options.

Preview

Shows the effect of color adjustment.
The color and brightness change when each item is adjusted.

View Color Pattern

Displays a pattern for checking color changes produced by color adjustment.
If you want to display the preview image with a color pattern, check this check box.

Cyan / Magenta / Yellow

Adjusts the strengths of **Cyan**, **Magenta**, and **Yellow**.
Moving the slider to the right makes a color stronger, and moving the slider to the left makes a color weaker.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.
This adjustment changes the relative amount of ink of each color used, which alters the total color balance of the document. Use your application if you want to change the total color balance significantly. Use the printer driver only if you want to adjust the color balance slightly.

Important

- When **Monochrome** is selected for **Color Mode**, the color balance (**Cyan**, **Magenta**, and **Yellow**) can't be set.

Brightness

Adjusts the brightness of your print. You cannot change the levels of pure white and black. However, the brightness of the colors between white and black can be changed. Colors become brighter as you drag the slider toward the right and darker as you drag the slider toward the left.
You can also directly enter brightness values that are linked to the slider bar. Enter a value in the range from -50 to 50.

Contrast

Adjusts the contrast between light and dark in the image to be printed.
Moving the slider to the right increases the contrast, moving the slider to the left decreases the contrast.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Settings dialog box

Select the fluorescent spot color you want to use from the palette.
For details, see "Specify Fluorescent Colors and Print."

Matching Tab

This is displayed when **Color** is selected for **Color Mode**.
Allows you to select the method for adjusting colors to match the type of document to be printed.

Color Correction

Allows you to select **Driver Matching**, **ICC Profile Matching**, **ICM**, or **Off** to match the purpose of the print operation.

Driver Matching

Print with the optimal color using the driver's original color profile. Normally, you should choose this mode.

ICC Profile Matching

Carry out color matching using the ICC profile. Specify the input profile, printer profile and matching method in detail, and select when printing. You can use the digital camera or scanner ICC profile, or the ICC profile created using the profile creation tool.

ICM

Perform color matching on the host computer using the Windows ICM function. Select when printing from an ICM function-compatible application.

Off

Print without performing color matching on the printer driver. Select this when performing color matching using applications such as Adobe Photoshop, or printing using a profile creation tool or color chart.

Important

- When setting not to use ICM in the application software, **ICC Profile Matching** and **ICM** of **Color Correction** do not function. There are also times when it does not print correctly.

Input Profile

Specifies the input profile to be used when you select **ICC Profile Matching** for **Color Correction**.

Printer Profile

Specifies the printer profile to be used when **ICC Profile Matching** is selected for **Color Correction**. Normally **Auto Settings** is selected but you can also select a printer profile manually.

Rendering Intent

Specifies the matching method to be used when you select **Driver Matching**, **ICC Profile Matching**, or **ICM**, for **Color Correction**.

Perceptual (Photo) / Perceptual

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

Saturation (Poster) / Saturation

Reproduces vivid colors on data such as a poster.

Relative Colorimetric

When image data is converted to the color space of the printer, this method converts the image data so the color reproduction approximates the shared color regions. Select this method to print image data with colors that are close to the original colors.

The white spots are reproduced as white spots (background color) on the paper.

Absolute Colorimetric

This method uses the white spot definitions in the input and output ICC profiles to convert the image data.

Although the color and color balance of the white spots change, you may not be able to get the desired output results because of the profile combination.

Important

- Depending on the media type, you may obtain the same print results even when you change the **Rendering Intent** setting.
- If **Driver Matching** is selected for **Color Correction**, then **Relative Colorimetric** and **Absolute Colorimetric** are not displayed.

Accounting dialog box

Click **Accounting...** to display the **Accounting** dialog box.

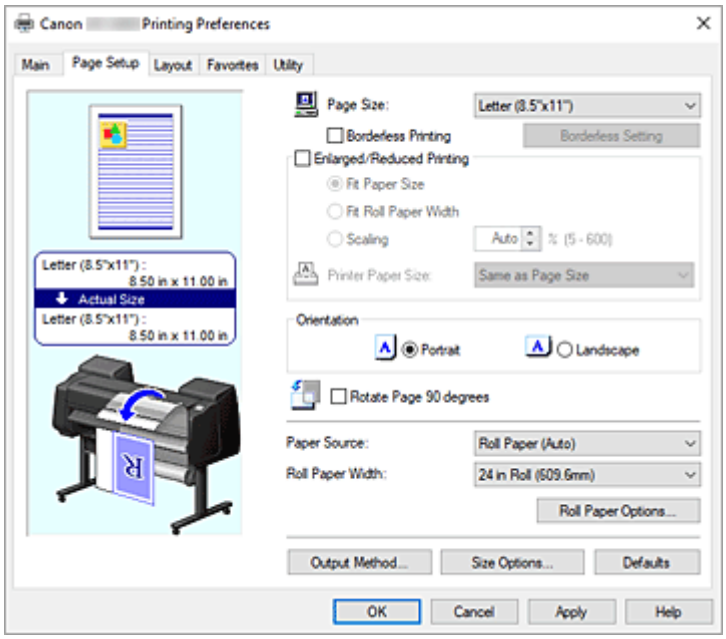
The **Accounting** dialog box allows you to add IDs to print jobs. You can then use the IDs, along with the printer and cost management tool, to tabulate print history information.

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

Page Setup Tab Description

The **Page Setup** tab allows you to set borderless printing for a document and specify the scaling.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.
You can check an overall image of the layout.
The printer illustration shows how to load paper to match the printer driver settings.
Check whether the printer is set up correctly by looking at the illustration before you start printing.

Page Size

Selects a page size.
Ensure that you select the same page size as you selected within the application.
When you select **Custom Size** from **Custom Paper Size**, the **Custom Size Settings** dialog box appears, and you can specify any vertical and horizontal dimensions for the paper.

Borderless Printing

Chooses whether you are printing on a full page without any page margins or printing with page margins.
In borderless printing, originals are enlarged to extend slightly off the paper. Thus, printing can be performed without any margins (border).

Important

- When **Cut Sheet** is selected for **Paper Source**, **Borderless Printing** is grayed out and cannot be set.

Borderless Setting

Select **Borderless Printing** to enable it for clicking.
Open the **Borderless Setting** dialog box, so that you can adjust **Amount of Extension**.

Borderless Printing Method

This appears when you select **Borderless Printing**.
Set the borderless printing method.

Fit Paper Size

Enlarge or reduce the document to match the size of the paper to be printed, and then print the document.

Scale to fit Roll Paper Width

You can enlarge or reduce the document to match the roll paper width and then print the document.

When you select this radio button, the **Information** dialog box appears, and you can select **Roll Paper Width**.

Print Image with Actual Size

Prints the document at its actual size.

Printer Paper Size

When you select **Fit Paper Size**, you can specify the setting.

Select the size of the paper to be printed.

The list displays the paper sizes that support borderless printing.

Enlarged/Reduced Printing

You can enlarge or reduce a document and then print it.

When you select **Enlarged/Reduced Printing**, you can then set **Fit Paper Size**, **Fit Roll Paper Width**, or **Scaling**.

Fit Paper Size

Enlarge/reduce the document to match the size of the paper to be printed, and then print the document.

Fit Roll Paper Width

You can enlarge/reduce the document to match the roll paper width and then print the document.

When you select this radio button, the **Information** dialog box appears, and you can select **Roll Paper Width**.

Scaling

Enlarge or reduce the document to a specified scale before printing.

Printer Paper Size

When you select **Fit Paper Size**, or **Scaling**, you can specify the setting.

Select the size of the paper to be printed.

Orientation

Selects the printing orientation.

If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.

Rotate Page 90 degrees

Rotate the long edge of the document 90 degrees, match it to the width of the roll paper, and then print the document.

When you print a portrait document onto roll paper, you can save paper by rotating the document 90 degrees and print the document horizontally relative to the paper.

Paper Source

Shows the source from which paper is supplied.

You may be able to switch the paper source with the printer driver.

Roll Paper (Auto)

Depending on the paper settings on the printer driver and the paper information registered to the printer, the printer automatically determines which roll paper to use and then feeds that paper.

Roll 1

Feeds paper from Roll 1.

Roll 2

Feeds paper from Roll 2.

Cut Sheet

Feeds paper using the cut paper.

Important

- Depending on the media type and size, the **Paper Source** settings that can be selected may differ.

Roll Paper Width

Select the roll paper width.

Select the width that matches the width of the roll paper loaded in the printer.

If you select **Custom Size (XXXX)**, the paper size set in the printer will be used.

The paper information set in the printer can be confirmed in **Get Information...** in the **Main** sheet.

If you select **User-defined1 (XXXX)** or **User-defined2 (XXXX)**, the **Custom Size Settings** dialog box is displayed, where you can specify the paper length and width.

Roll Paper Options...

Displays the **Roll Paper Options** dialog box.

You can specify auto cut, banner printing, and other settings for printing on roll paper.

Output Method...

Displays the **Output Method** dialog box.

You can select **Output Method** and specify save settings for saving documents to a box.

Size Options...

Displays the **Paper Size Options** dialog box.

The **Paper Size Options** dialog box allows you to create and register any user-defined paper.

Custom Size Settings dialog box (Paper Size)

This dialog box allows you to specify the size (width and height) of the custom paper.

Paper Size

Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

Units

Select the unit for entering a user-defined paper size.

Borderless Setting dialog box

Adjust how much of the document extends off the paper during borderless printing, and configure the three-sided borderless setting.

Amount of Extension

Adjusts how much of the document extends off the paper during borderless printing.
Moving the slider to the right increases the amount of extension and allows you to perform borderless printing with no problems.
Moving the slider to the left reduces the amount of extension and expands the range of the document to print.

Three-sided Borderless

If you check this check box, and the width or the length of the output paper size is smaller than the roll width, a margin will be created on the right of the document, and the remaining three sides (top, bottom, and left) will be borderless when printing.

Custom Size Settings dialog box (Roll Paper Width)

Enter the roll width you want to use.

Roll Paper Width

Specify the **Width** of the roll paper. Measurement is shown according to the units specified in **Units**.

Units

Select the unit for entering a user-defined paper size.

Roll Paper Options dialog box

You can specify settings for printing on roll paper.

Automatic Cutting

You can print cut guidelines for cutting the roll paper automatically or manually after printing.

Yes

Cut the roll paper automatically after printing.

No

Do not cut the roll paper automatically after printing.

Print Cut Guideline

Prints cut guidelines for cutting the roll paper manual after printing.

Banner Printing

Select this check box to print documents with several pages as one continuous document. When you do this, the spaces between the pages will be removed.

Output Method dialog box

Set the method for exporting the print job to the printer's hard disk drive.

Output Method

Print

After the printing ends, the print job is not saved to the printer's hard disk drive.

Set PIN for printing

Set a PIN code for print jobs to prevent issues such as retrieving the wrong documents and allowing others to peek at your documents.

PIN

Enter a one to seven-digit number.

Print after reception is complete

When you select this check box, you can prevent the print quality from dropping if the print job reception is cut off or if printing is interrupted.

Save in Job Box

The print job is saved to the printer's hard disk drive. If you selected **Save in Job Box**, select an individual box number as the save destination from the **Job Box** list.

Name of data to be saved

Use file name

The file name is used as-is.

Enter name

You can set a new name. Enter the save name in **Name**.

Job Box

The box list appears. If you selected **Save in Job Box**, select an individual box number as the save destination from the list.

Acquire Job Box Name

When you click this, **Job Box** displays the box name that was obtained from the printer.

Paper Size Options dialog box

You can create and register any user-defined paper. You can then select the defined paper size from **Custom Paper Size** of **Page Size**.

Paper Size List

The names and sizes of the paper sizes that the printer driver can use are displayed.

Delete

From **Paper Size List**, you can delete a user-defined paper that a user created.

Note

- Paper deletion is not possible in the following case:
  - When a standard paper size of the printer driver is selected
  - When an oversized paper size is selected
  - When a paper size with a red circle is selected

Custom Paper Size Name

You can specify the name of a user-defined paper.

Units

You can specify the units for the height and width dimensions of the user-defined paper.

Page Size

You can specify the **Width** and **Height** settings of the paper.

Borderless Printing Size

When you select this check box, you can select a size from the paper sizes that support **Borderless Printing**.

Fix the Ratio of the Width to Height

When you select this check box, you can change the size while keeping the **Width** and **Height** ratio.

Width

Specify the paper width.

Height

Specify the paper height.

Register with the OS

Register the set user-defined paper in the OS.

By registering in the OS, any user sharing the use of the printer or PC can use the set user -defined paper.

Add

You can register a user-defined paper that was set and overwrite the existing user-defined paper.

Display Series

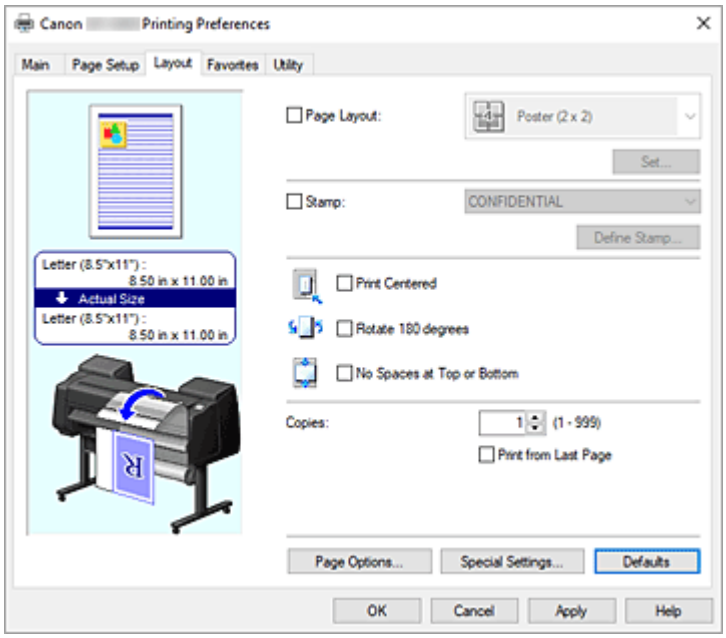
You can narrow down the paper sizes to be displayed in **Paper Size List**.

Oversize

When you select this check box, add appropriate margins so that the document contents will not get cut off, and then print the document.

Layout Tab Description

The **Layout** tab allows you to specify how to arrange the document onto the paper. You can also set the number of copies to be printed and the print sequence. If the application software that you used to create the document features the same functions, specify the settings from the application software.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.
You can check an overall image of the layout.
The printer illustration shows how to load paper to match the printer driver settings.
Check whether the printer is set up correctly by looking at the illustration before you start printing.

Page Layout

Selects the size of the document you want to print and the type of printing.

Poster (1 x 2)/Poster (2 x 2)

Printing is performed with poster settings.
The value in parentheses represents the ratio of the vertical x horizontal lengths. As the number of divisions increases, the number of sheets used for printing increases. If you are pasting pages together to create a poster, increasing the number of divisions allows you to create a larger poster.

Set...

Opens the **Pages to Print** dialog box.
Specify this setting when you want to print only specific pages.

Free Layout

You can freely position and print any document created with an application software.
You must install imagePROGRAF Printer Driver Extra Kit to use this function. Go to the Canon website, download imagePROGRAF Printer Driver Extra Kit, and then install it.

Set...

Opens the **Free Layout Settings** dialog box.
You can freely specify detailed settings for free layout.

2 Pages/Sheet / 4 Pages/Sheet / 6 Pages/Sheet / 8 Pages/Sheet / 9 Pages/Sheet / 16 Pages/Sheet

Multiple pages are assigned to one sheet of paper and printed. The number presents the number of pages assigned to one sheet.

Set...

Opens the **Page Layout Printing** dialog box.

You can freely specify detailed settings for assigned printing.

Edit Using PosterArtist

Word processing and spreadsheet software documents and web browser screens, etc. can be edited a print from PosterArtist.

You must install PosterArtist to use this function. Go to the Canon website, download PosterArtist, and then install it.

Stamp

The **Stamp** function prints a specific character string over the document pages. You can select the characters to be printed from a list or use the **Define Stamp** dialog box to set any characters.

Define Stamp...

Opens the **Define Stamp** dialog box.

You can specify detailed stamp settings or register any stamp.

Print Centered

Prints document in center of paper.

Rotate 180 degrees

Rotates document 180 degrees and prints it.

No Spaces at Top or Bottom

When printing on roll paper, you can save paper by reducing the upper and lower margins when printing.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

Important

- If the application used to create your document has a similar function, specify the number of copies with the application without specifying it here.

Print from Last Page

Check this check box when you want to print from the last page in order. If you do this, you do not need to sort the pages into their correct order after printing.

Uncheck this check box to print your document in normal order, starting from the first page.

Page Options...

Opens the **Page Options** dialog box.

You specify settings for printing information such as date, user name, and page number.

Important

- Depending on your usage environment, you may not be able to use the **Page Options** function. In this case, set **Spooling at Printer Driver** in the **Special Settings** dialog box to **Yes**.

Special Settings...

Opens the **Special Settings** dialog box.

If you are unable to obtained the desired print results, you can change the print processing method.

Pages to Print dialog box

When printing a poster that has been divided into several pages, you can specify which pages to print and just print those pages.
Simply clear the check boxes of the pages you do not want to print.
In the setting view, the pages that were unchecked are hidden, and only the pages to be printed are displayed.

Invert

Switches the pages to be displayed or hidden.

Note

- The **Pages to Print** dialog box appears only when **Poster (1 x 2)** or **Poster (2 x 2)** is selected for **Page Layout**.

Free Layout Settings dialog box

You can specify detailed settings for free layout.

Paper Orientation

Selects the printing orientation.
If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.

Roll Paper Length

Sets the roll paper length.

Auto

Automatically determines the roll paper length and prints.

Manual Settings

Determines and specifies the roll paper length.

Page Order

Specifies the document orientation to be printed on a sheet of paper.

Note

- The **Free Layout Settings** dialog box appears only when **Free Layout** is selected for **Page Layout**.

Page Layout Printing dialog box

This dialog box allows you to select the number of document pages to be placed on one sheet of paper, the page order, and whether a page border line is to be printed around each document page.
The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings made on the **Page Layout Printing** dialog box.

You can check what the print result will look like before you actually print the data.

Page Order

Specifies the document orientation to be printed on a sheet of paper.

Page Border

Prints a page border line around each document page.

Select something other than **None** from the list to print the page border line.

Note

- The **Page Layout Printing** dialog box appears only when **2 Pages/Sheet**, **4 Pages/Sheet**, **6 Pages/Sheet**, **8 Pages/Sheet**, **9 Pages/Sheet**, or **16 Pages/Sheet** is selected for **Page Layout**.

Define Stamp dialog box

The **Define Stamp** dialog box allows you to specify settings for printing a stamp over the document pages. In addition to the pre-registered ones, you can register and use your original stamp.

Stamps

This is a list of the pre-registered stamps.

Add

Creates an original stamp.

Click this item to set **Name**, **Text**, **Font**, **Style**, **Size**, and **Color**.

Name

Enter the stamp name to be registered.

Text

Enter the characters to be used in the stamp.

Font

Selects the font for the stamp text string.

Style

Selects the font style for the stamp text string.

Size

Selects the font size for the stamp text string.

Color

Select the color of the stamp text string.

Delete

Deletes an unnecessary stamp.

Specify the title of an unnecessary stamp from the **Stamps**, and click this button.

Outline

Selects a frame that encloses the stamp text string.

Print Style

Select the stamp printing method.

Select **Transparent** to print the stamp on the back of the document, and select **Overlap** to print the stamp on the front.

Position

Specifies the stamp position on the page.

You can specify values in **X** and **Y** to set the coordinates, or you can drag the horizontal and vertical slide bars to the left/right or up/down to change the coordinates.

Move to Center

Moves the stamp to the center of the paper.

Angle

Set the stamp positioning angle.

You can specify a value in **Set Angle** to set the angle, or you can drag the slide bar left/right to change the angle.

When specifying an angle value, set a value in the range of -180 to 180.

Stamp first page only

Select this check box if you want to print a stamp only on the first page.

Page Options dialog box

Specify the print settings, such as date, user name, and page number.

Print Date

Select the position for printing the date.

Print Time Also

Prints the time along with the date.

Print User Name

Select the position for printing the user name.

Print Page Number

Select the position for printing the page number.

Note

- It will be displayed if you select **Yes** in **Spooling at Printer Driver** in the **Special Settings** dialog box.

Format Settings

The **Format Settings** dialog box opens, and you can set the format.

Format Settings dialog box

Set the format to be used when printing the contents set in the **Page Options** dialog box.

Font

Select the font type.

Style

Select the font style.

Size

Select the font size.

Color

Select the font color.

Special Settings dialog box

The **Special Settings** dialog box allows you to change the print processing method if you do not get the print results you want.

Settings Summary

This is a list of items that you can set in the **Special Settings** dialog box.

When you click an item that you want to set, the setting contents are displayed outside the box.

Spooling at Printer Driver

Set whether print jobs are to be spooled in the print driver or whether PageComposer processing is to be performed.

Setting **No (Use RAW Spooling)** or **Yes** may improve the print results or the printing speed.

Also, depending on the setting, you may not be able to use some of the driver functions.

FineZoom Settings

Use this function to print on long paper.

Yes

The print problem may be corrected.

Select this in usual cases.

No

Image distortions may be corrected (for example, small lines may be eliminated).

Preview Switching

If you check the **Preview before printing** check box on the **Main** tab and then print, PageComposer starts.

Application Color Matching Priority

You can assign higher priority to color management by the application software.

Fast Graphic Process

If image colors or line thicknesses are printed incorrectly, you may be able to get the print results you want by setting this function to off.

This is only displayed when using a 32-bit driver.

Disable the color profile setting of the application software

If the color profile information set in the application software is output to the printer driver, the printing results may include an unexpected tint. You can resolve the problem in this case by setting **Disable the color profile setting of the application software** to **On**.

Important

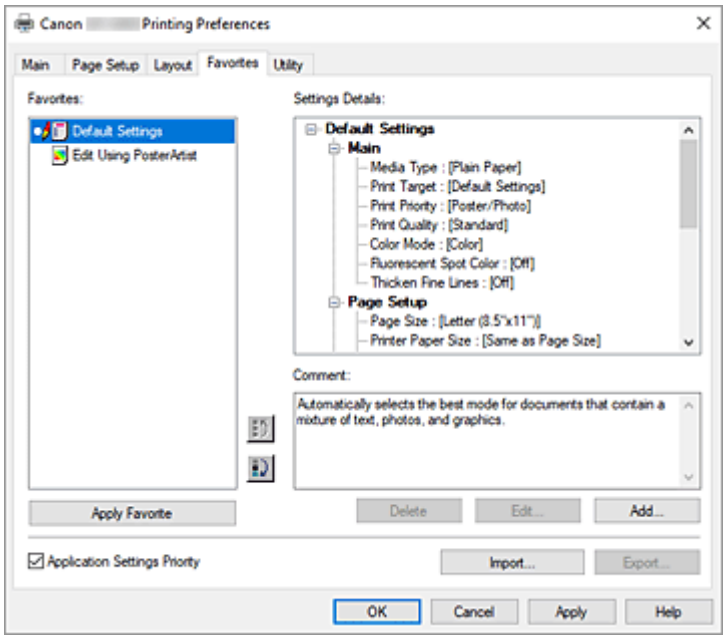
- Even if this is set to **On**, it will only disable some of the color profile information, and it is still possible to print using the color profile.
  This should normally be set to **Off** when using.

Specify Pattern Resolution

This function is for switching the rendering resolution for drawings using the hatch brush or pattern brush.

Favorites Tab Description

The **Favorites** tab allows you to register frequently used print settings as favorites.



Favorites

A list of the registered favorite settings appears. The Default Settings are registered in the initial settings.

Settings Details

The settings of the favorite that you selected from **Favorites** appear.

Comment

The comment registered to the favorite appears.

Apply Favorite

You can change the print settings to the settings of the favorite that you selected from the **Favorites** list.

Delete

You can delete favorites that have become unnecessary.

Edit...

The **Edit** dialog box opens.

You can change the name and icon settings of the favorite that you selected from the **Favorites** list.

Add...

The **Add** dialog box opens.

You can register the current settings as a favorite.

Application Settings Priority

The setting in the application software will take priority over the favorites setting set on the printer driver.

The setting in the application software is only prioritized for **Page Size**, **Orientation** and **Copies**.

Place a checkmark to prioritize the settings for the application software.

Import...

You can read the settings of the favorite that was saved to a file (.cfg).

Export...

You can save the settings of a favorite to a file (.cfg).

Edit dialog box

You can change the name and icon of the favorite that you selected from the **Favorites** list.

Name

Changes name to be displayed in **Favorites** list.

Icon

Changes icon to be displayed in **Favorites** list.

Comment

Changes information to be displayed in **Comment**.

Add dialog box

You can save the current print settings as the settings of a favorite.

Name

Set the name to be displayed in **Favorites** list.

Icon

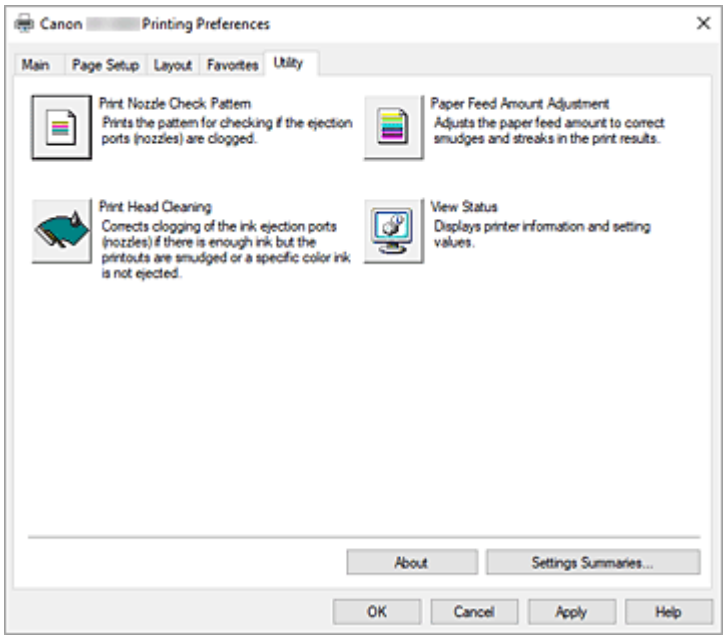
Set the icon to be displayed in **Favorites** list.

Comment

Enter information to be displayed in **Comment**.

Utility Tab Description

The **Utility** tab allows you to perform printer maintenance or check the settings of the printer.



Print Nozzle Check Pattern

Prints a nozzle check pattern.

Perform this function if printing becomes faint or a specific color fails to print. Print a nozzle check pattern, and check whether the print head is working properly.

If the print result for a specific color is fainted, or if there are any unprinted sections, use **Print Head Cleaning** to clean the print head.

Paper Source

Displayed using the **Media Type**, **Page Size** and **Roll Paper Width** for each currently set paper feed position.

Print Head Cleaning

Performs print head cleaning.

Print head cleaning removes any blockage in the print head nozzles.

Perform cleaning when printing becomes faint, or a specific color fails to print, even though all ink levels are sufficiently high.

There are two head cleaning functions, which are described below.

Cleaning

Perform cleaning when printing becomes faint, or a specific color fails to print, even though all ink levels are sufficiently high.

System Cleaning

System Cleaning is a more powerful cleaning function. Execute this function if the condition does not improve even after you repeat **Cleaning** several times.

Important

- **System Cleaning** consumes an extremely large amount of ink.
  Executing system cleaning frequently will rapidly deplete your printer's ink supply. Therefore, execute system cleaning only when necessary.

Paper Feed Amount Adjustment

This function adjusts the paper feed amount if the print result is faint or contains streaks.

View Status

This function copies printer information and setting values to the clipboard.

About

Opens the **About** dialog box.

You can check information such as the version and copyright of the printer driver.

Settings Summaries...

The **Settings Summaries** dialog box is displayed.

You can confirm the list of items set in the printer driver.

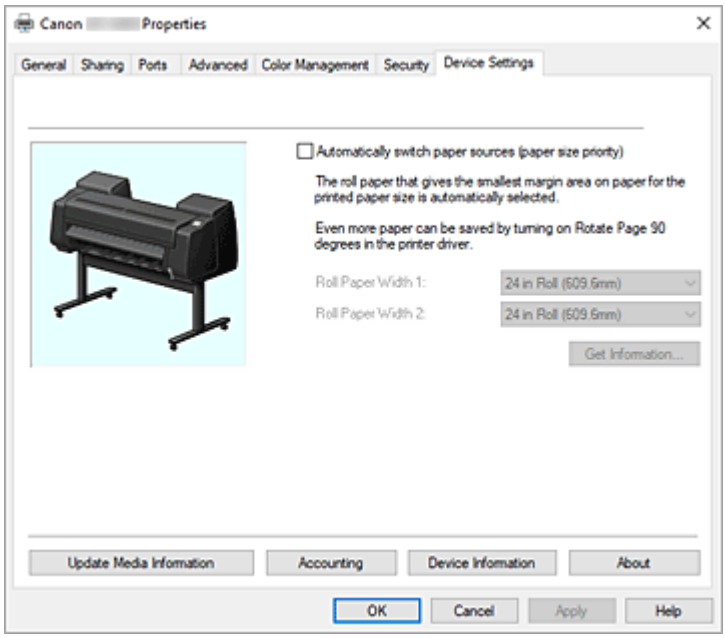
If you click the tab of each sheet, you can confirm the setting details of each item.

Related Topics

- Cleaning the Print Heads
- Printing a Nozzle Check Pattern

Device Settings Tab Description

Many of the tabs in the Properties windows of the printer are controlled by Windows. However, the **Device Settings** tab is for specifying printer configuration-related settings and is part of the printer driver.
The **Device Settings** tab allows you to specify settings related to the printer unit.



Automatically switch paper sources (paper size priority)

Prints after automatically switching between roll paper 1 and roll paper 2 depending on the size of the paper to be printed.
This will save paper as the roll paper that will give the smallest margin when printing is automatically selected.

Important

- Make sure that the same type of paper is used in the upper level and lower level of the printer. Printing is not possible when different types of paper are used.
- Be sure to click **Get Information...** from the **Device Settings** tab to get information on the roll paper width. You may not be able to print correctly if the roll paper width is not correctly set.
- Be sure to select **Roll Paper (Auto)** as **Paper Source** from **Page Setup**. This function cannot be used unless **Roll Paper (Auto)** is selected.

Roll Paper Width 1

Sets the width of the roll paper loaded in the upper level (Roll 1).

Roll Paper Width 2

Sets the width of the roll paper loaded in the lower level (Roll 2).

Get Information...

Acquire information on the attachment of the roll unit or roll paper 1 or roll paper 2 paper width from the printer.
Based on this information, the **Roll Unit** and **Automatically switch paper sources (paper size priority)**, and roll width settings are automatically switched.

Update Media Information

Opens the **Update Media Information** dialog box.

Gets the latest media information from the printer and updates the media information in the printer driver.

Accounting

Opens the **Accounting** dialog box.

By setting **Accounting** information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

Note

- **Accounting** can be set only by users with Administrator rights.
  Users without Administrator rights may not be able to set Accounting information.
- To set accounting information, see "Setting Accounting Information."
- If you set accounting information in the **Device Settings** sheet, the items in the **Accounting** dialog in the **Main** sheet will be greyed out, and you won't be able to configure them.

Device Information

Opens the **Device Information** dialog box.

You can obtain the device information of the connected printer, and change the configuration to match the printer that is connected to the driver function.

About

Opens the **About** dialog box.

You can check information such as the version and copyright of the printer driver.

Accounting dialog box

Click **Accounting** to display the **Accounting** dialog box.

The **Accounting** dialog box allows you to add IDs to print jobs. You can then use the IDs, along with the printer and cost management tool, to tabulate print history information.

Use a fixed Account ID./Use a fixed Department name./Use a fixed Project number.

Prohibits changes to account ID, department, and project number that have already been set.

Check this check box to prevent other users from changing IDs.

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

If you've added checkmarks to **Use a fixed Account ID.**, **Use a fixed Department name.**, or **Use a fixed Project number.**, you'll be able to configure each setting.

Device Information dialog box

The **Device Information** dialog box allows you to obtain the device information of the connected printer, and change the configuration to match the printer that is connected to the driver function.

Settings Summary

This is a list of items that you can set in the **Device Information** dialog box.

When you click an item that you want to set, the setting contents are displayed outside the box.

Device Type

The maximum supported roll paper width will be set to the initial value.

Roll Unit

If the lower roll unit is equipped, it is set to **Yes**.

Note

- If a roll unit set as a wrapping device is equipped, it is set to **No**.

Hard disk

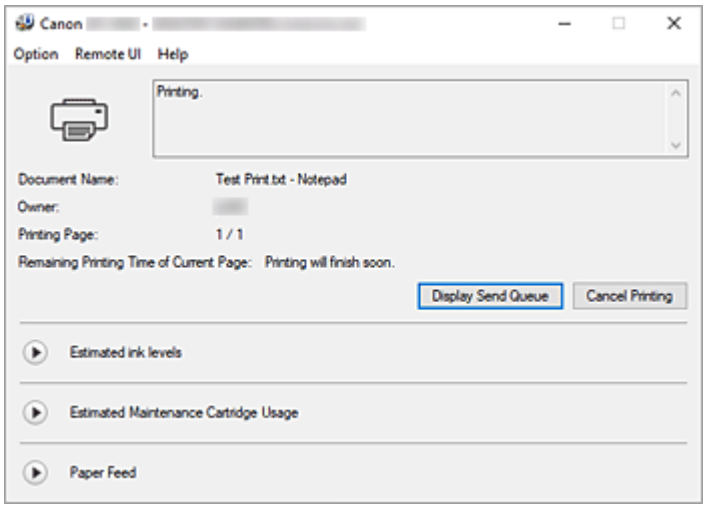
If a hard disc is equipped, it will be set to **Yes**.

Acquire Status

Obtain device type, roll unit, and hard disk information from the printer.

Canon IJ Status Monitor Description

The Canon IJ Status Monitor displays the status of the printer and the printing progress. The monitor uses graphics, icons, and messages to let you know the printer status.



Canon IJ Status Monitor Features

The Canon IJ Status Monitor offers the following advantages:

You can check the status of the printer on the screen.

The status of the printer is shown on the screen in real time.

You can check the printing progress of each printing document (print job).

Error types and solutions are shown on the screen.

Shown when a printer error occurs.

You can immediately check how to respond.

You can check the ink status.

This function displays graphics showing the ink tank type and the estimated ink levels.

Icons and messages are displayed when ink is running low (ink level warning).

Canon IJ Status Monitor Overview

Canon IJ Status Monitor allows you to check the status of the printer and ink with graphics and messages.
You can check the information on the printing document and the printing progress during printing.
When a printer error occurs, it shows the cause and solution. Follow the instruction in the message.

Printer

Canon IJ Status Monitor shows an icon when a warning or error occurs to the printer.

: A warning is being displayed.

: An operation error has occurred.

: You are being informed of remaining ink levels, etc.

: There has been an error which requires a service.

Document Name

Shows the name of the document to be printed.

Owner

Shows the owner's name of the document to be printed.

Printing Page

Shows the number of printing page and total printing pages.

Remaining Printing Time of Current Page

Displays the remaining print time of the pages being printed.

Display Send Queue

Shows the print window used to manage the print job that is being printed or being in the print queue.

Cancel Printing

Cancels the current print job.

Estimated ink levels

Displays icons to report a remaining ink level warning and an ink depletion error.

Click (the disclosure triangle) to display a pictorial representation of the estimated ink level in the ink tank.

Ink Model Number

You can look up the correct ink tank for your printer.

Estimated Maintenance Cartridge Usage

Displays icons to report that the available space in the maintenance cartridge is low or the cartridge is full.

Click (the disclosure triangle) to display a pictorial representation of the estimated usage amount in the maintenance cartridge.

Paper Feed

Displays the size and type of paper loaded in each feeder.

Click (the disclosure triangle) to check the remaining amount of paper.

Purchase information is displayed in **Purchase Paper...**.

Option Menu

If you select **Enable Status Monitor**, when a printer related message is generated the Canon IJ Status Monitor starts.

When **Enable Status Monitor** is selected, following commands are available.

Always Display Current Job

Displays the Canon IJ Status Monitor during printing.

Always Display on Top

Displays the Canon IJ Status Monitor in front of other windows.

Display Warning Automatically

When a Low Ink Warning Occurs

Starts the Canon IJ Status Monitor window automatically and displays it in front of the other windows when a low ink warning occurs.

When a Maintenance Cartridge Warning Occurs

When a maintenance cartridge remaining space warning occurs, the Canon IJ status monitor starts automatically and appears in front of all other windows.

Other Warnings

When any other warning occurs, the Canon IJ Status Monitor will open automatically and be displayed in front of other windows.

Start when Windows is Started

Starts the Canon IJ Status Monitor automatically when you start Windows.

Remote UI menu

You are able to open the printer's Remote User Interface.
You are able to check the printer status and run maintenance functions on the printer when connected to and using it through a network.

Note

- When the printer is being used via USB connection **Remote UI** will not display.

Printer Information

Allows you check detailed information, such as the printer status, the print progress, and remaining ink levels.

Maintenance

Allows you to run printer maintenance and change printer settings.

Job Log

Displays the **Job history** window.

Job List

Displays the **Print job** window.

HDD Information

Displays the **Saved job** window.
This window allows you to check each box of the information saved on the printer's hard disk.

Ink Supplier Display Settings

Displays the **Ink supplier information** window.

Paper Supplier Display Settings

Displays the **Paper supplier information** window.

Download Security Certificate

Displays the **For secure communication** window.
This window allows you to download the root certificate, register it to the browser, and disable warning displays.

Help Menu

When you select this menu item, the Help window for Canon IJ Status Monitor is displayed, and you can check the version and copyright information.

Updating the Printer Driver

- Obtaining the Latest Printer Driver
- Deleting the Unnecessary Printer Driver
- Before Installing the Printer Driver
- Installing the Printer Driver

Obtaining the Latest Printer Driver

By updating the printer driver to the latest version of the printer driver, unresolved problems may be solved.

You can check the version of the printer driver by clicking the **About** button on the **Utility** tab.

You can access our website and download the latest printer driver for your model.

Important

- You can download the printer driver for free, but any Internet access charges incurred are your responsibility.

Related Topics

- Before Installing the Printer Driver
- Installing the Printer Driver

Deleting the Unnecessary Printer Driver

The printer driver which you no longer use can be deleted.
When deleting the printer driver, first exit all programs that are running.

The procedure to delete the unnecessary printer driver is as follows:

1. Start the uninstaller

   Select the **Control Panel** -> **Programs** -> **Uninstall a program** (**Programs and Features**).
   From the program list, select "XXX Printer Driver" (where "XXX" is your model name) and then click **Uninstall**.

   The confirmation window for uninstalling the model appears.

   Important

   - A confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task.
     When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue.
     Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

2. Execute the uninstaller

   Click **Start**. When the confirmation message appears, click **Yes**.
   When all the files have been deleted, click **Complete**.

   The deletion of the printer driver is complete.

Before Installing the Printer Driver

This section describes the items that you should check before installing the printer driver. You should also refer to this section if the printer driver cannot be installed.

Checking the Printer Status

- Turn on the printer.

Checking the Personal Computer Settings

- Terminate all running applications.
- Log on as a user who has the administrator account.

Related Topics

- Obtaining the Latest Printer Driver
- Installing the Printer Driver

Installing the Printer Driver

You can access our web site through the Internet and download the latest printer driver for your model.

The procedure for installing the downloaded printer driver is as follows:

1. Turn on the printer
2. Start the installer

   Double-click the icon of the downloaded file.
   The installation program starts.

   Important

   - A confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task.
     When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue.
     Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.
3. Install the printer driver

   Take the appropriate action as described on the screen.
4. Complete the installation

   Click **Exit**.

Depending on the environment you are using, a message prompting you to restart the computer may be displayed. To complete the installation properly, restart the computer.

Important

- You can download the printer driver for free, but any Internet access charges incurred are your responsibility.

Related Topics

- Obtaining the Latest Printer Driver
- Deleting the Unnecessary Printer Driver
- Before Installing the Printer Driver

Application Software

- Professional Print & Layout Guide
- Direct Print Plus Guide
- Easy-PhotoPrint Editor Guide
- Preview Guide (Windows)
- Preview Guide (macOS)
- Free Layout plus Guide (Windows)
- Free Layout Guide (macOS)
- Quick Utility Toolbox Guide
- IJ Network Device Setup Utility Guide
- Media Configuration Tool Guide
- Device Management Console Guide
- Accounting Manager Guide
- PosterArtist Guide
- Firmware Update Tool

Managing Print Jobs

- **Basic Print Job Operations**
  - Using Printer Hard Disk
  - Saving Print Jobs on Personal Job Boxes
  - Priority Printing
  - Printing Pending Jobs
  - Printing Security Print Jobs
  - Deleting Print Jobs
  - Printing Saved Jobs
  - Deleting Saved Jobs
  - Moving Saved Jobs
- **Advanced Print Job Operations**
  - Saving Print Jobs Sent from Sources Other than Printer Driver
  - Printing without Saving Jobs in Common Job Box
  - Setting Passwords for Personal Job Boxes
  - Naming Personal Job Boxes
  - Printing List of Saved Jobs
  - Renaming Saved Jobs
  - Printer Hard Disk Operations
  - Checking Free Hard Disk Space
- **Collecting Printer Job Logs Using Accounting Manager**

Basic Print Job Operations

- Using Printer Hard Disk
- Saving Print Jobs in Personal Job Boxes
- Priority Printing
- Printing Pending Jobs
- Printing Security Print Jobs
- Deleting Print Jobs
- Printing Saved Jobs
- Deleting Saved Jobs
- Moving Saved Jobs

Using Printer Hard Disk

The printer can save print jobs on the built-in hard disk.

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 macOS, this is set by selecting **Additional Settings** in the pop-up menu of the printer properties dialog.

Print
: Perform printing while saving the print job on the temporary storage area of the printer's hard disk.

Set PIN for printing
: Set a 7 digit security code. To start printing, enter the PIN set here using the operation panel. If the entered PIN does not match the set PIN, the printing does not start.

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.

Save in Job Box
: Save print jobs on the permanent storage area of the printer's hard disk. Selecting this does not start printing.

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 common job box. The permanent storage area stores jobs in personal job 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 100 jobs can be stored in the temporary storage area. However, the number of jobs available as queued jobs is up to 64.

When the maximum number of job queues are saved, the print job sent from the computer is in a state of waiting for processing.

However, if all saved job queue states are pending, the oldest job queue of the saved date and time will be deleted and the print job sent from the computer will be processed.

Common job box

Jobs for which you have specified **Print** in **Output Method** are saved in common job box and classified as saved jobs.

There is one common job box, numbered "00". A password cannot be set for common job box.

Up to 100 print jobs can be saved here. However, they will be deleted one after another starting with the oldest job in the following situations.

- If there are over 101 jobs queued and saved in common job box combined
- If no more temporary storage space is available when jobs for which you have selected **Print** in **Output Method** are received
- If there is not enough space in the temporary or permanent storage area when jobs for which you have selected **Save in Job Box** in **Output Method** are received.

Personal job boxes

In the following cases, the job is classified as saved job and saved in a personal job box on the permanent storage area.

- When a saved job stored in common job box is moved to a personal job box
- When you have selected **Save in Job Box** in **Output Method**

There are 29 personal job boxes, numbered "01" to "29". You can specify a name and password for each personal job box.

Up to 100 print jobs can be saved in all personal job boxes combined.

Saving Print Jobs in Personal Job Boxes

To save print jobs in personal job boxes, configure the printer driver.

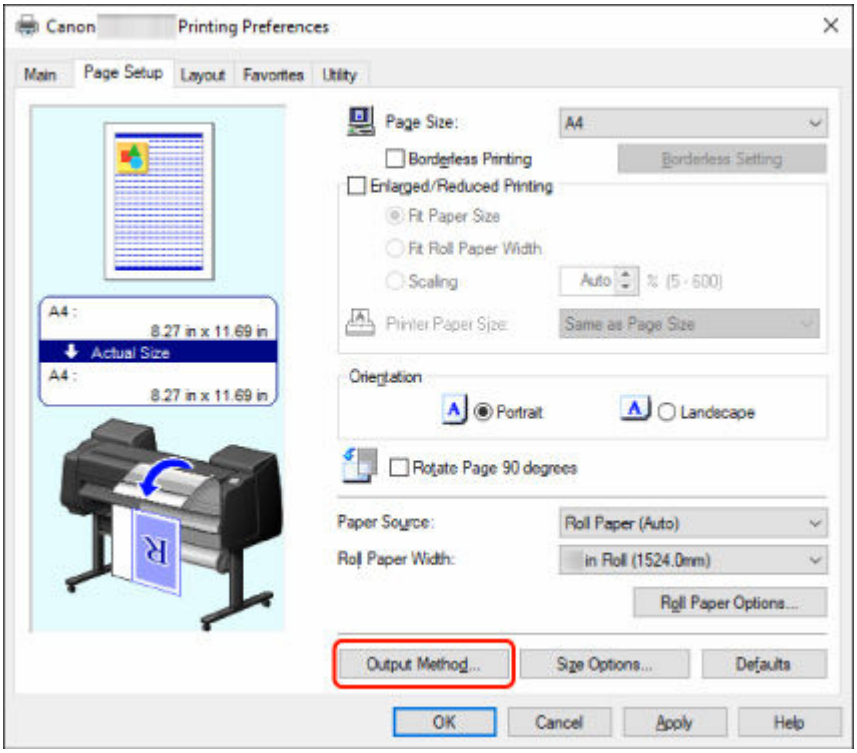
Configuring Printer Driver (Windows)

1. Open printer properties dialog box.

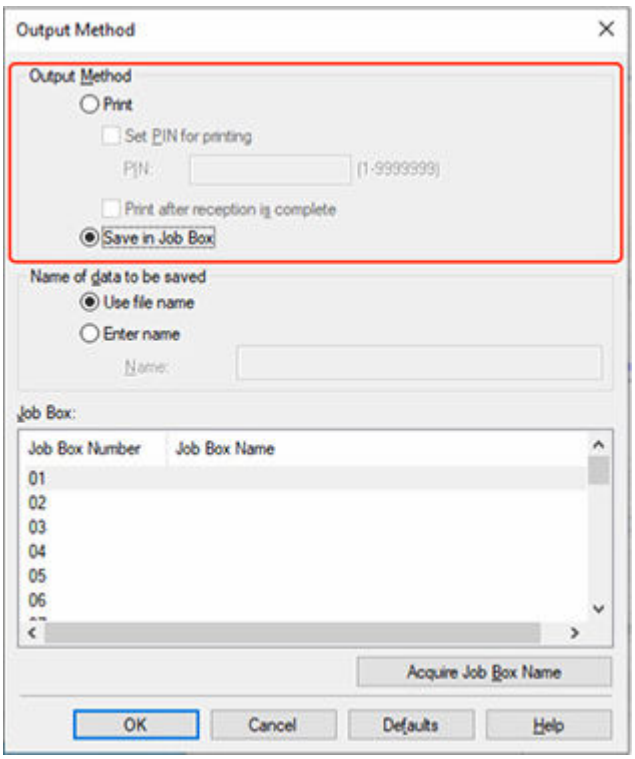
   How to Open the Printer Driver Setup Window

2. Select **Page Setup** tab.

3. Select **Output Method**.



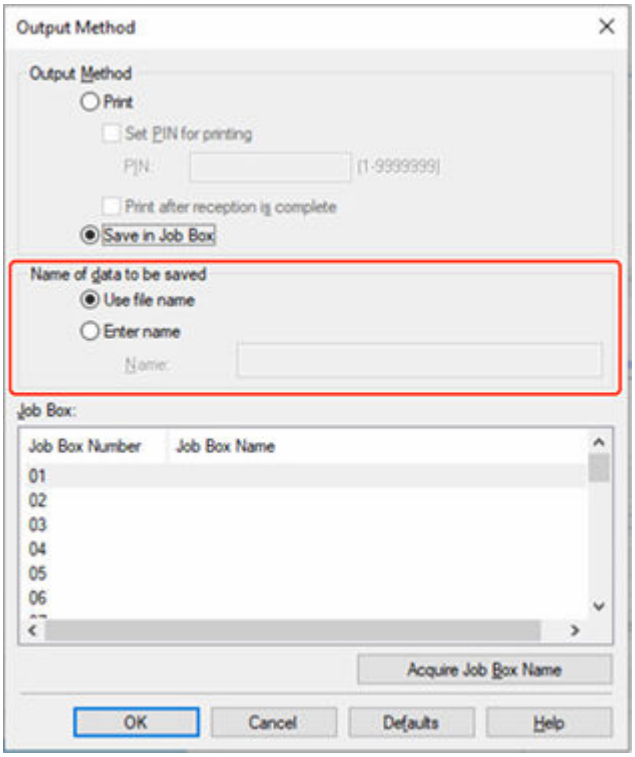
4. Select **Save in Job Box** in **Output Method**.



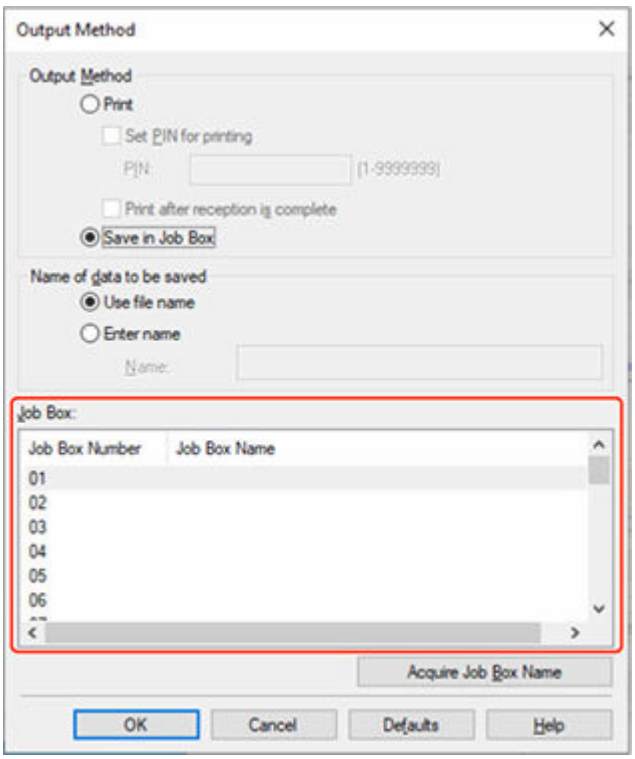
5. In **Name of data to be saved**, specify how to name saved print jobs.

   To use the file name, select **Use file name**.

   Otherwise select **Enter name** and enter a name in **Name**.



6. Select a personal job box in **Job Box**.



Note

- Select **Acquire Job Box Name** to display personal job box names in the **Job Box** list, as acquired from the printer.

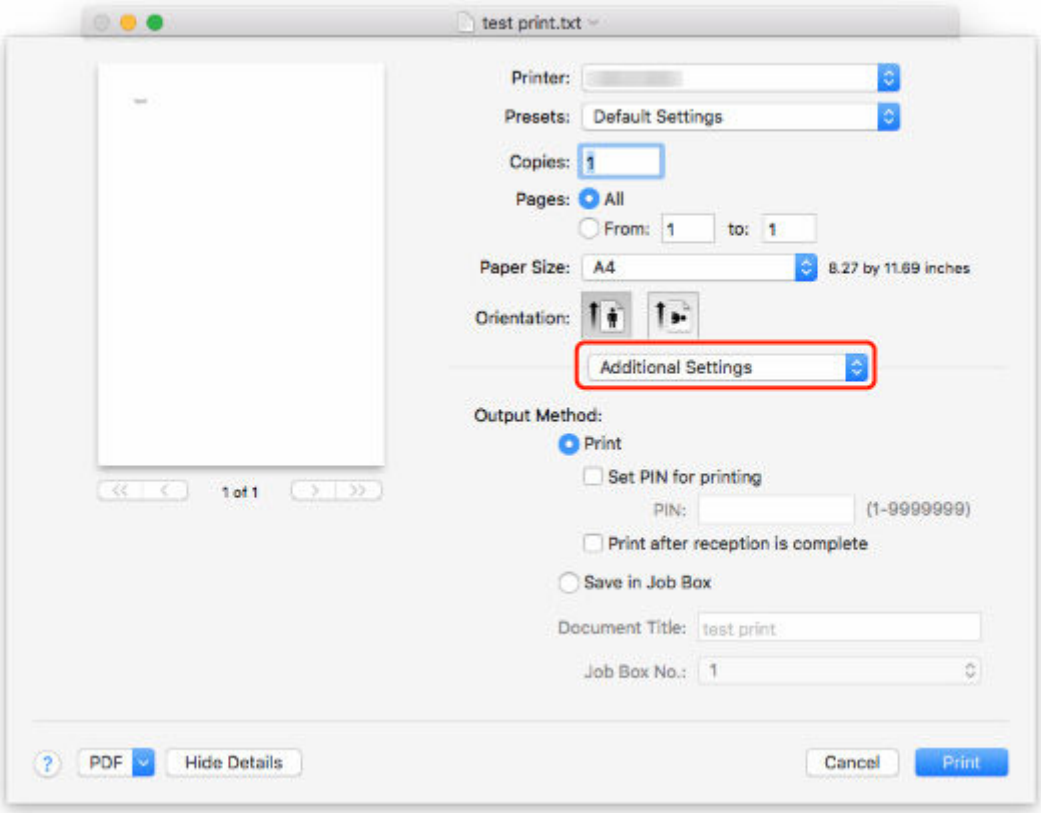
7. Select **OK**.

Configuring Printer Driver (macOS)

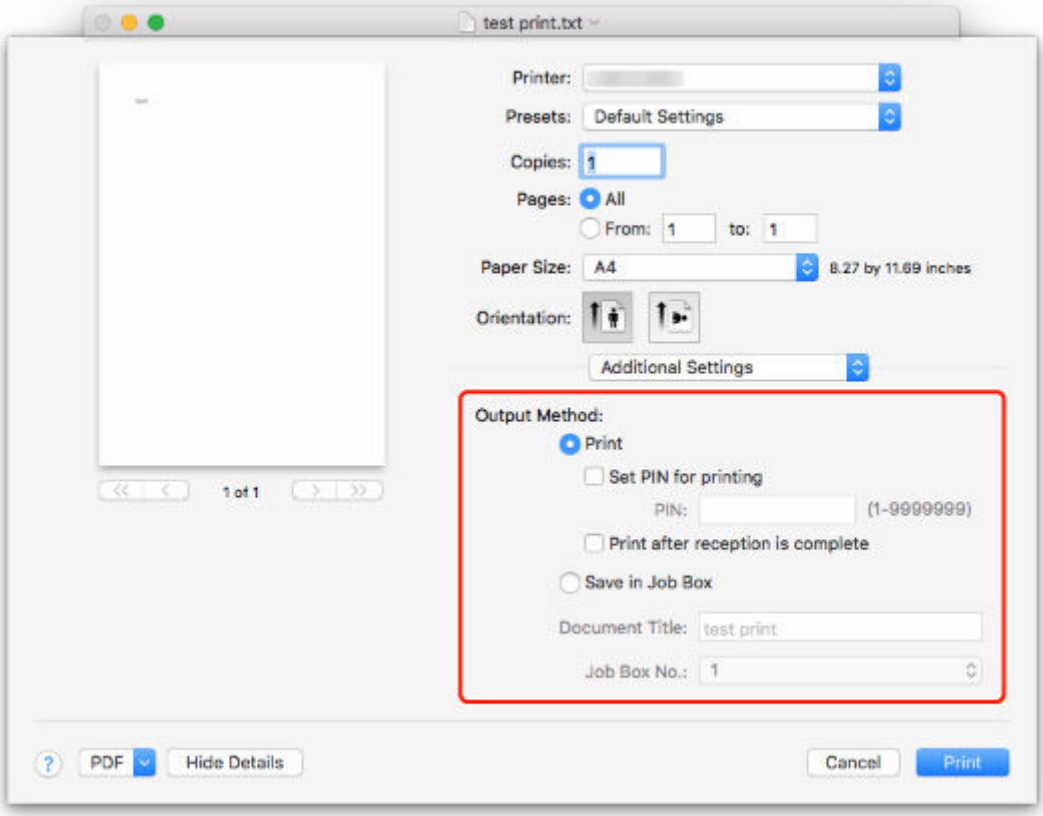
1. Open printer properties dialog.

   ➡ How to Open the Printer Driver Setup Dialog

2. Select **Additional Settings** in pop-up menu.



3. Select **Save in Job Box** in **Output Method**.


test print.txt
Printer:
Presets:
Default Settings
Copies:
1
Pages:
All
From:
1
to:
1
Paper Size:
A4
8.27 by 11.69 inches
Orientation:
Additional Settings
Output Method:
Print
Set PIN for printing
PIN:
(1-9999999)
Print after reception is complete
Save in Job Box
Document Title:
test print
Job Box No.:
1
1 of 1
PDF
Hide Details
Cancel
Print

Priority Printing

You can change the print order (Priority printing) by specifying the print job that is being received.

This operation is available using the operation panel or Remote UI.

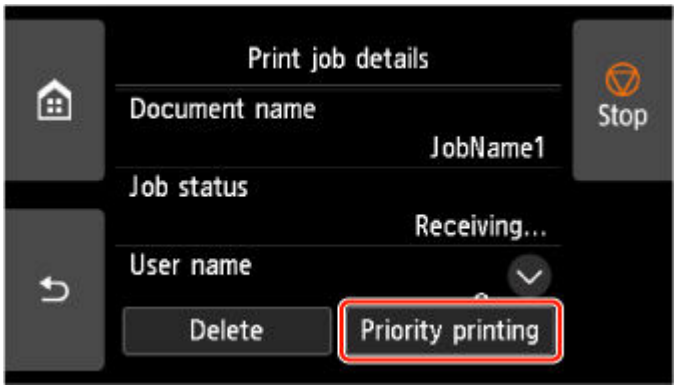
- Using Operation Panel
- Using Remote UI

Note

- For the operation of the print job with the icon (pending print job), see Printing Pending Jobs.
- For the operation of the print job with the icon (security print job), see Printing Security Print Jobs
.

Using Operation Panel

1. Tap **Job management** on HOME screen.
   - Home Screen Menu Composition
2. Tap **Print job**.
3. In the list, tap the target job.
4. Tap **Priority printing**.



5. Confirm displayed message and tap **Yes**.

Using Remote UI

1. Start up Remote UI.

➡ Start up Remote UI

2. Select **Job management**.

3. Select **Print job**.

4. In the list, select the target job.

5. Select **Prioritize**.

Printing Pending Jobs

If the type or size of paper loaded does not match the settings in the print job received when you have set **Detect paper setting mismatch** to **Hold job** in the operation panel, the print job is held on the printer as a pending job in the job queue.

To print held jobs, replace the loaded paper with the paper specified in the print job.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

This operation is available using the operation panel or Remote UI.

- Using Operation Panel
- Using Remote UI

Note

- As long as you do not manage held jobs from the operation panel, they will remain in the job queue. In this case, the printer processes the next job in the queue without pausing.

Using Operation Panel

1. Tap **Job management** on HOME screen.
   - Home Screen Menu Composition
2. Tap **Print job**.
3. In the list, tap print job with icon on the left.
4. Tap **Release hold**.

5. Confirm displayed message and tap **Yes**.

Using Remote UI

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Job management**.

3. Select **Print job**.

4. In the list, select print job with icon on the left.

5. Select **Release**.

Printing Security Print Jobs

A security print job is a print job that requires you to enter the PIN code set in the printer driver when printing.

The print job specified for the security print job has a lock icon to the left of the job name in the list such as **List of print jobs**.

Note

- The security print job remains saved as a normal pending job until you enter the PIN code using the operation panel or Remote UI. In this case, the printer processes the next job in the queue without pausing.
- When deleting a security print job, you do not need to enter a PIN code.

1. Tap **Job management** on HOME screen.

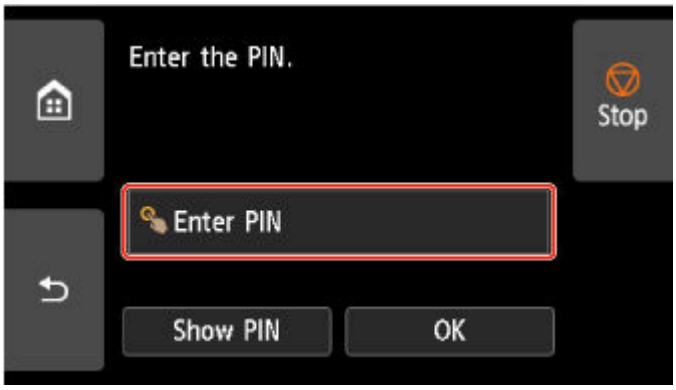
   Home Screen Menu Composition

2. Tap **Job management**.

3. In the list, tap print job with icon on the left.

4. Tap **Print**.

5. Enter PIN code you set and tap **OK**.



6. Tap **OK**.

   PIN authentication successful. is displayed and printing starts.

Note

- The security print job is deleted after printing.

Deleting Print Jobs

You can delete a print job as needed.

This operation is available using the operation panel or Remote UI.

- Using Operation Panel
- Using Remote UI

Using Operation Panel

1. Tap **Job management** on HOME screen.

   - Home Screen Menu Composition

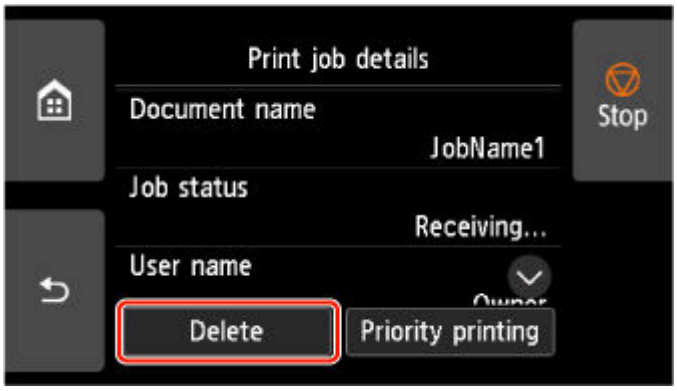
2. Tap **Print job**.

3. In the list, tap the target job.

   Note

   - Tap **Del. selected** to delete multiple jobs at one time.

4. Tap **Delete**.



5. Confirm displayed message and tap **Yes**.

Note

- Select **Delete all print jobs** on **Job management** to delete all jobs in the job queue

  - Job management

Using Remote UI

1. Start up Remote UI.

   - Start up Remote UI

2. Select **Job management**.

3. Select **Print job**.

4. In the list, select the target job.

5. Select **Delete**.

6. Confirm displayed message and tap **Yes**.

Printing Saved Jobs

Print saved print jobs stored on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

- Using Operation Panel
- Using Remote UI

Using Operation Panel

1. Tap **Job management** on HOME screen.

   - Home Screen Menu Composition

2. Tap **Saved job**.

3. In the list, tap the target job box.

   Note

   - Enter the password if it is enabled.

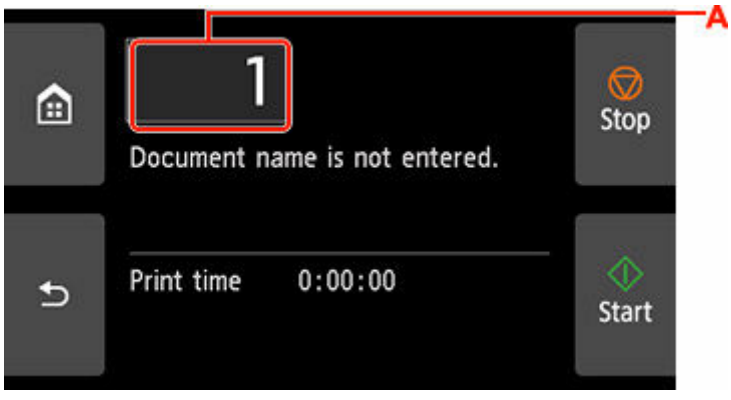
4. Tap **Job list**.

5. In the list, tap the target job.

6. Tap **Print settings**.

7. Specify the number of copies.

   1. To change the number of copies, tap A.

   2. Specify the number of copies and tap **OK**.

8. Tap **Start**.

Using Remote UI

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, select the target job box.

   Note

   - Enter the password if it is enabled.

5. In the list, select the target job.

6. Select **Print**.

7. Enter the number of copies and select **Yes**.

8. select **Yes**.

Deleting Saved Jobs

Delete saved print jobs stored on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

- Using Operation Panel
- Using Remote UI

Using Operation Panel

1. Tap **Job management** on HOME screen.

   - Home Screen Menu Composition

2. Tap **Saved job**.

3. In the list, tap the target job box.

   Note

   - Enter the password if it is enabled.

4. Tap **Job list**.

5. In the list, tap the target job.

6. Tap **Delete**.

7. Confirm displayed message and tap **Yes**.

Using Remote UI

1. Start up Remote UI.

   - Start up Remote UI

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, select the target job box.

   Note

   - Enter the password if it is enabled.

5. In the list, select the target job.

6. Select **Edit**.

7. Select **Delete**.

8. Select **Yes**.

Moving Saved Jobs

Print jobs stored on the printer's hard disk (saved jobs) can be moved from the current job box to another job box as follows.

However, jobs saved in personal job boxes cannot be moved to common job box.

Important

- Jobs stored in common job box may be automatically deleted under some conditions. To prevent jobs from being deleted, move them from common job box to personal job boxes.

  Using Printer Hard Disk

1. Start up Remote UI.

   Start up Remote UI

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, select the target job box.

   Note

   - Enter the password if it is enabled.

5. In the list, select the target job.

6. Select **Edit**.

7. Select **Move**.

8. Select **Destination job box**.

9. In the list, select the personal job box to move to and select **OK**.

   Note

   - Enter the password if it is enabled.

Advanced Print Job Operations

- Saving Print Jobs Sent from Sources Other than Printer Driver
- Printing without Saving Jobs in Common Job Box
- Setting Passwords for Personal Job Boxes
- Naming Personal Job Boxes
- Printing List of Saved Jobs
- Renaming Saved Jobs
- Printer Hard Disk Operations
- Checking Free Hard Disk Space

Saving Print Jobs Sent from Sources Other than Printer Driver

To save print jobs sent from software or systems other than the printer driver or applications provided with the printer, specify the output method and select the setting to perform printing after saving printing data using the operation panel.

Note

- Contact the software or system developer for information about support for this printer function.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- Specifying Output Method
- Printing after Saving Printing Data

Specifying Output Method

Perform settings for printing or saving print job.

1. Tap **Printer settings** on HOME screen.

   - Home Screen Menu Composition

2. Tap **Hard disk settings**.

   If you specify the administrator password, enter the password.
3. Tap **Output method**.
4. Tap the output method you want to set up.

   Print

   Save print jobs automatically at the same time they are printed. (This is the default format.)

   Print (auto delete)

   Save print jobs temporarily at the same time they are printed and delete them after printing.

   Save to job box

   Save print jobs on in the personal job box.

Printing after Saving Printing Data

To save print jobs on the hard disk before printing, select **ON** for **Save first and print**.

Printing will start when **Save first and print** is set to **ON**, even if you have selected **Save to job box** for **Output method**.

1. Tap **Printer settings** on HOME screen.

   Home Screen Menu Composition

2. Tap **Hard disk settings**.

   If you specify the administrator password, enter the password.

3. Tap **Save first and print**.

4. Tap **ON**.

Printing without Saving Jobs in Common Job Box

Jobs sent from a computer for which you have selected **Print** in **Output Method** in the printer driver are saved in common job box.

➡ Using Printer Hard Disk

When **Common job box settings** is set to **Print (auto delete)** in the operation panel menu, print jobs for which you have selected **Print** in **Output Method** in the printer driver are deleted from common job box after printing.

Use this function when printing highly confidential documents.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

1. Tap **Printer settings** on HOME screen.

   ➡ Home Screen Menu Composition

2. Tap **Hard disk settings**.

   If you specify the administrator password, enter the password.

3. Tap **Common job box settings**.

4. Tap **Print (auto delete)**.

Setting Passwords for Personal Job Boxes

For greater security, you can specify a password for personal job boxes. After setting the password, it is necessary to enter the password when performing the following operations.

- Change personal job box settings
- Display / print the list of jobs saved in personal job box, print / delete / move /rename jobs saved in personal job box

Note

- By default, no passwords are set for personal job boxes.
- A password cannot be set for common job box.
- Enter a seven-digit number as the password, in the range 0000001 to 9999999.
- Even if you have set passwords, they are not required to access personal job boxes in Administrator Mode in Remote UI.

1. Start up Remote UI.

   Start up Remote UI

2. Select **Job management**.
3. Select **Saved job**.
4. In the list, tap the target job box.
5. Select **Edit**.
6. Select **Set/change password** check box and enter password. (This field is limited to seven digits in the range 0000001 to 9999999.)
7. Select **OK**.

Naming Personal Job Boxes

For easier identification, you can assign names to personal job boxes.

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, select the target job box.

   Note

   - Enter the password if the personal job box has it.

5. Select **Edit**.

6. Enter name and select **OK**.

Printing List of Saved Jobs

The list of print jobs stored on the printer's hard disk (saved jobs) can be printed by job box as follows.

1. Tap **Job management** on HOME screen.

   Home Screen Menu Composition

2. Tap **Saved job**.

3. In the list, tap the target job box.

   Note

   - Enter the password if the personal job box has it.

4. Tap **Print the job list**.

   For each job box, a list of saved jobs is printed.

Renaming Saved Jobs

Print jobs stored on the printer's hard disk (saved jobs) can be renamed as follows.

1. Start up Remote UI.

   ➡ Start up Remote UI

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, tap the target job box.

   Note

   - Enter the password if the personal job box has it.

5. In the list, tap the target job.

6. Select **Edit**.

7. Select **Change**.

8. Enter name and select **OK**.

Printer Hard Disk Operations

Printer hard disk operations are available from the following programs and interfaces.

- **Printer driver**
- **Remote UI**
- **Operation panel**

The hard disk operations available through each interface are as follows.

Operation		**Printer driver**	**Remote UI**	**Operation panel**
Saving print jobs	Save to job box	✓	-	-
	Print without saving jobs in common job box	-	-	✓
	Save print jobs sent from sources other than printer driver	-	-	✓
Operations with saved jobs	Print saved jobs	-	✓	✓
	Delete saved jobs	-	✓	✓
Job queue management	Display job queue	-	✓	✓
	Delete	-	✓	✓
	Priority printing	-	✓	✓
	Operations with pending jobs	-	✓	✓
	Operations with security print jobs	-	-	✓
	Delete Operations with security jobs	-	✓	✓
Job box management	Move saved jobs	-	✓	-
	Modify saved jobs	-	✓	-
	Modify job boxes	-	✓	-
	Print a list of saved jobs	-	-	✓
	Display a list of saved jobs	-	✓	✓
Other operations	Display free hard disk space	-	✓	✓
	Initialize hard disk	-	-	✓
	Display the time of printing	-	✓	✓
Display error messages		-	✓	✓

Checking Free Hard Disk Space

Check the space available on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

- Using Operation Panel
- Using Remote UI

Using Operation Panel

1. Tap **Printer information** on HOME screen.

   - Home Screen Menu Composition

2. Tap **Hard disk information**.

   The free hard disk space (job box free space) appears.

Using Remote UI

1. Start up Remote UI.

   - Start up Remote UI

2. Select **Job management**.

3. Select **Hard disk information**.

   The free hard disk space (job box free space) appears.

Frequently Asked Questions

Problems with the Printing Quality

Unevenness, Banding, Faint

- Printing is faint
- Banding in different colors occurs
- Colors in printed images are uneven
- Image edges are blurred or white banding occurs

dirt

- Paper rubs against the Print Head
- The edges of the paper are dirty
- The surface of the paper is dirty
- The back side of the paper is dirty
- Immediately after borderless printing, the trailing edge margin is soiled during regular printing

colors are inaccurate

- Printed colors are inaccurate
- Documents are printed in monochrome

Line

- Line thickness is not uniform
- Lines or colors are misaligned

Others

- The length of the printed image in the paper ejection direction is not accurate
- Images are printed crooked
- Borders appear in borderless printing

General FAQ

- I want to easily create vertical or horizontal banners
- Does this printer support sub-ink tank system
- I want to know how to configure roll cutting
- I want to configure so that the roll is cut automatically after waiting for the ink to dry
- How do I print without borders
- I want to know the paper types that can be used in this printer
- The paper type that I want to print is not displayed on the Touch Screen
- Can I perform duplex printing
- I want to perform enlargement printing
- Network Settings and Common Problems

Search by Category

Problems Regarding Paper

- Remove Jammed Roll Paper

- Remove a Jammed Sheet
- Roll paper cannot be inserted into the Paper Feed Slot
- Paper is not fed automatically
- Roll Paper Is not Switched Automatically
- Roll Paper Is not Fed Automatically
- Paper Source Does Not Switch When Roll Paper Is Used Up
- Roll Paper Remains/Lacks under Quantity Management
- Cannot load sheets
- Paper is not cut straight
- Paper is not cut
- Cutter Blade Does Not Work While Cutting Is in Progress
- The size of clear film cannot be detected
- Margins are wide
- When printing on roll paper, the printed surface becomes scratched

Printing Does Not Start

- Printer Suddenly Stopped Working for Some Reason
- The Data lamp on the Operation Panel does not light up
- The printer does not respond even if print jobs are sent
- "Preparing the ink system." is displayed
- "Agitating the ink" is displayed
- Message Is Displayed and Borderless Printing Fails

The Printer Stops During a Print Job

- Printing stops and an error message is displayed
- The printer ejects blank, unprinted paper

Cannot Print over Network

- Cannot Connect Printer to Network
- Cannot Print over TCP/IP Network
- Cannot Print over Bonjour networks

Cannot Find Printer on Network

- Cannot Find Printer During Setup
- Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen
- Searching Printer by IP Address or Host Name During Setup
- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN
- Cannot Print Using AirPrint

Installation Problems

- Removing Printer Software
- Taking Time to Setup Process (Windows)
- Failed to Printer Driver Installation (Windows)

Other Problems

- Printer does not turn on
- If the Printer Makes a Strange Sound
- Messages advising to check the maintenance cartridge are not cleared

- Printer consumes a lot of ink
- Printed pages are not collected cleanly in the basket
- Basket Lurches
- When Trim edge first is set, the trimmed paper is drawn into the roll unit
- Ink Level Detection
- Media Type Selection does not Match Loaded Media Type
- Warning Message is Displayed When Performing Color Calibration

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.

- Printing Hanging and Horizontal Banners (Large-Format Printing) (Windows)
- Printing Hanging and Horizontal Banners (Large-Format Printing) (macOS)

Does this printer support sub-ink tank system

This printer supports hot-swap ink tank replacement.

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.

➡ Replacing Ink Tanks

I want to know how to configure roll cutting

Cutting methods can be selected in the printer settings and printer driver settings.

To automatically cut roll paper after printing, open the **Cutting mode** settings on the printer, and then under **Automatic cut** set **Automatic Cutting** in the printer driver to **Yes**.

When using paper that is easily scratched, or paper where the ink requires extra time to fix, we recommend setting **Cutting mode** on the printer to **Eject cut**.

- Specifying the Cutting Method for Rolls
- Cutting Roll Paper after Printing (Windows)
- Cutting Roll Paper after Printing (macOS)

If using the Media Take-up Unit, see the pages below for cutting settings and rolling settings after cutting.

- Switching Roll Unit Modes
- Removing Printed Paper from the Roll Unit

I want to configure so that the roll is cut automatically after waiting for the ink to dry

You can set an ink drying time in the printer driver.

You can also configure the same settings on the printer itself.

➡ Specifying the Ink Drying Time

How do I print without borders

If printing on roll paper, you can set borderless printing in the printer driver settings. (If printing on sheets, borderless printing is not possible)

- Printing without Edges Based on the Scenarios (Windows)
- Printing without Edges Based on the Scenarios (macOS)

I want to know the paper types that can be used in this printer

For information about paper that can be used with this printer, refer to the media information list.

➡ Paper Information List

The paper type that I want to print is not displayed on the Touch Screen

If using a new paper type, start the Media Configuration Tool to get the latest media information.

➡ Updating paper information

Can I perform duplex printing

This printer cannot print double-sided.

An alternative to double-sided printing is to use the **Folded Duplex** function of the Windows software Free Layout plus, which prints two pages on one side, folds the sheet back from the center, and hangs it.

➡ Laying Out Documents Freely Using Free Layout plus

I want to perform enlargement printing

Use the printer driver to adjust the original to the paper size and width, or print enlarged or reduced by specifying a magnification factor.

- Scaled Printing (Windows)
- Scaled Printing (macOS)

Network Settings and Common Problems

Here are frequently asked questions on network.

Cannot Find Printer

- Cannot Find Printer During Setup
- Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen
- Searching Printer by IP Address or Host Name During Setup
- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN
- Cannot Print Using AirPrint

Cannot Print or Connect

- Cannot Connect Printer to Network
- Cannot Print over TCP/IP Network
- Cannot Print over Bonjour networks
- Printer Suddenly Stopped Working for Some Reason

LAN Setting Tips/Changing LAN Settings

- Printer Connection Methods
- Default Network Settings
- Another Printer Found with Same Name
- Connecting to Another Computer via LAN/Changing from USB to LAN Connection
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
- Network Status and Troubleshooting

Problems Regarding Paper

- Remove Jammed Roll Paper
- Remove a Jammed Sheet
- Roll paper cannot be inserted into the Paper Feed Slot
- Paper is not fed automatically
- Roll Paper Is not Switched Automatically
- Roll Paper Is not Fed Automatically
- Paper Source Does Not Switch When Roll Paper Is Used Up
- Roll Paper Remains/Lacks under Quantity Management
- Cannot load sheets
- Paper is not cut straight
- Paper is not cut
- Cutter Blade Does Not Work While Cutting Is in Progress
- The size of clear film cannot be detected
- Margins are wide
- When printing on roll paper, the printed surface becomes scratched

Remove Jammed Roll Paper

If roll paper jams, follow the steps below to remove jams.

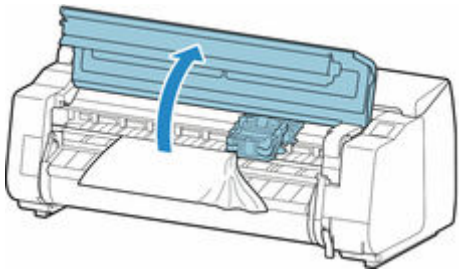
Note

- If "**The paper is jammed. Lift the release lever and remove the paper.**" appears on the touch screen, Step 1 and Step 9 can be skipped.

1. Turn off the power to the printer.

   Turning the Printer On and Off

2. Open the top cover.

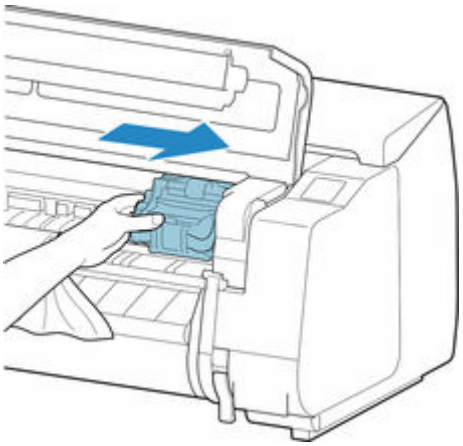


Note

- If the roll paper is very curled or the leading edge of the roll paper blocks the Carriage, setting the cutting method for the roll paper to **User cut** and leading edge detection to **Do not detect** may stop the paper from blocking the carriage.

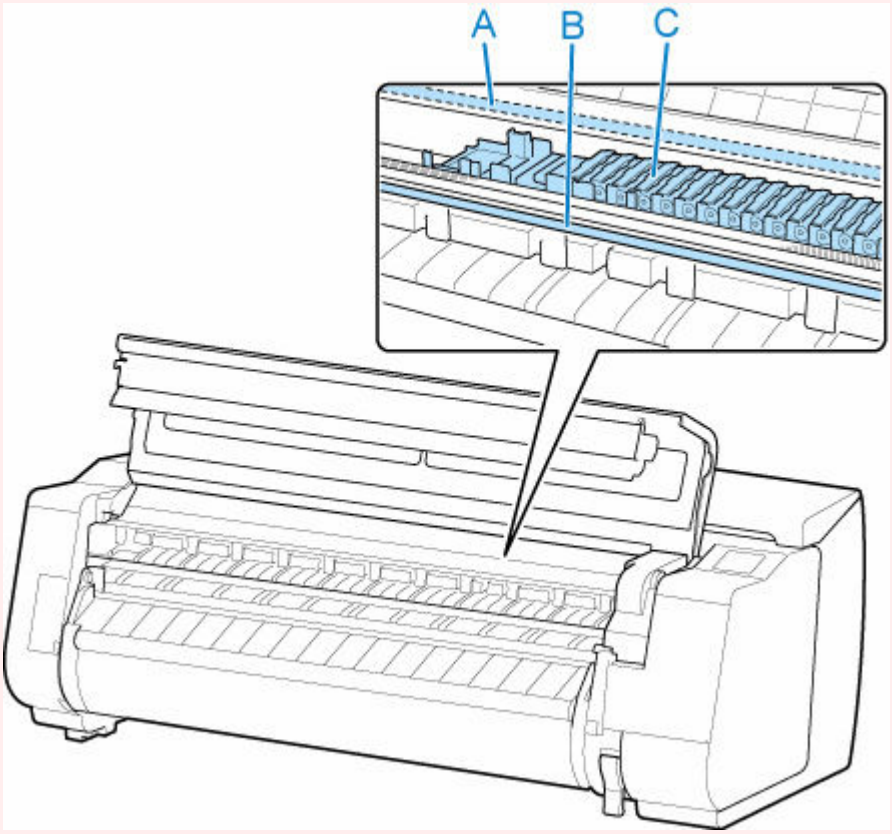
  Specifying the Cutting Method for Rolls

3. If the Carriage is out, move the Carriage to the left or right side, away from the jammed paper.

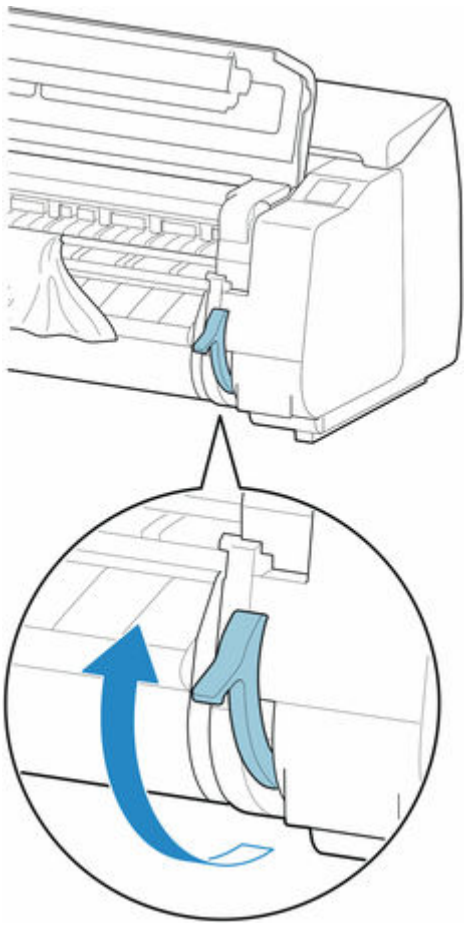


Important

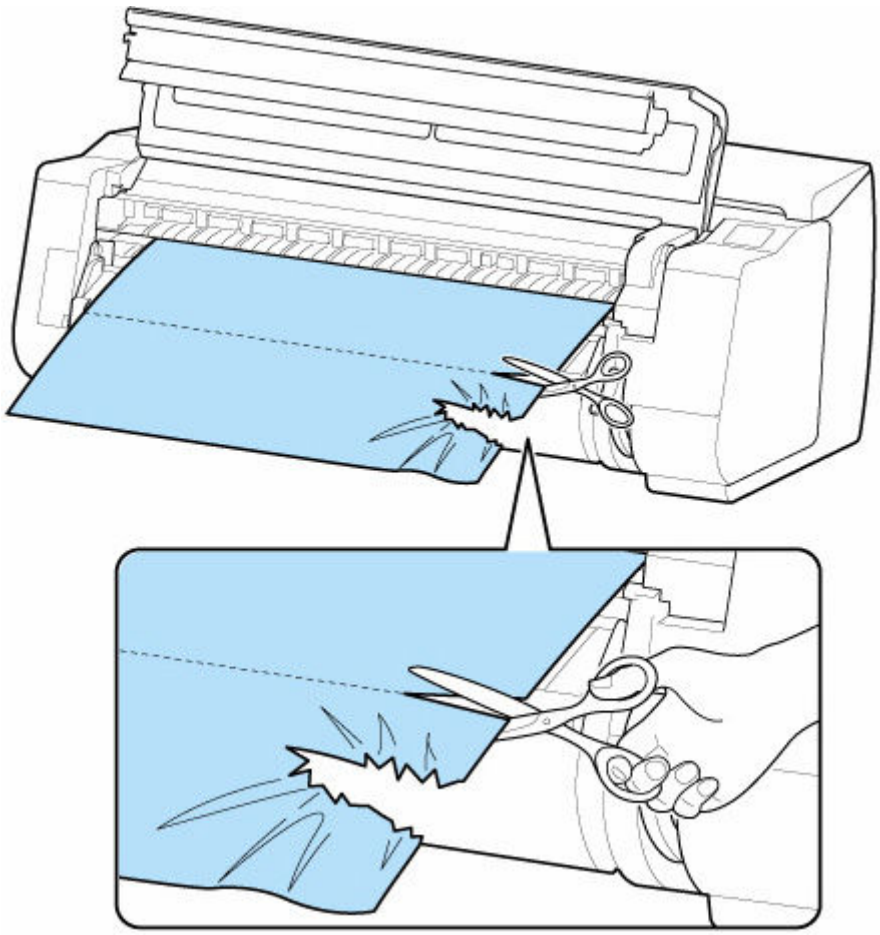
- Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



4. Lift up the release lever.



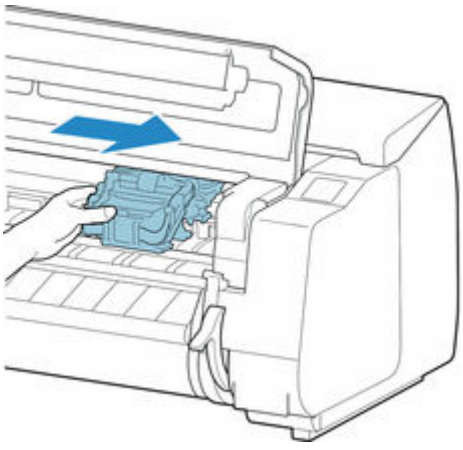
5. Holding the paper on both sides, pull the jammed portion out toward the front. Use scissors or a cutting tool to cut away the printed or wrinkled portion.



⚠ Caution

- Be careful not to injure yourself or scratch the printer when cutting.

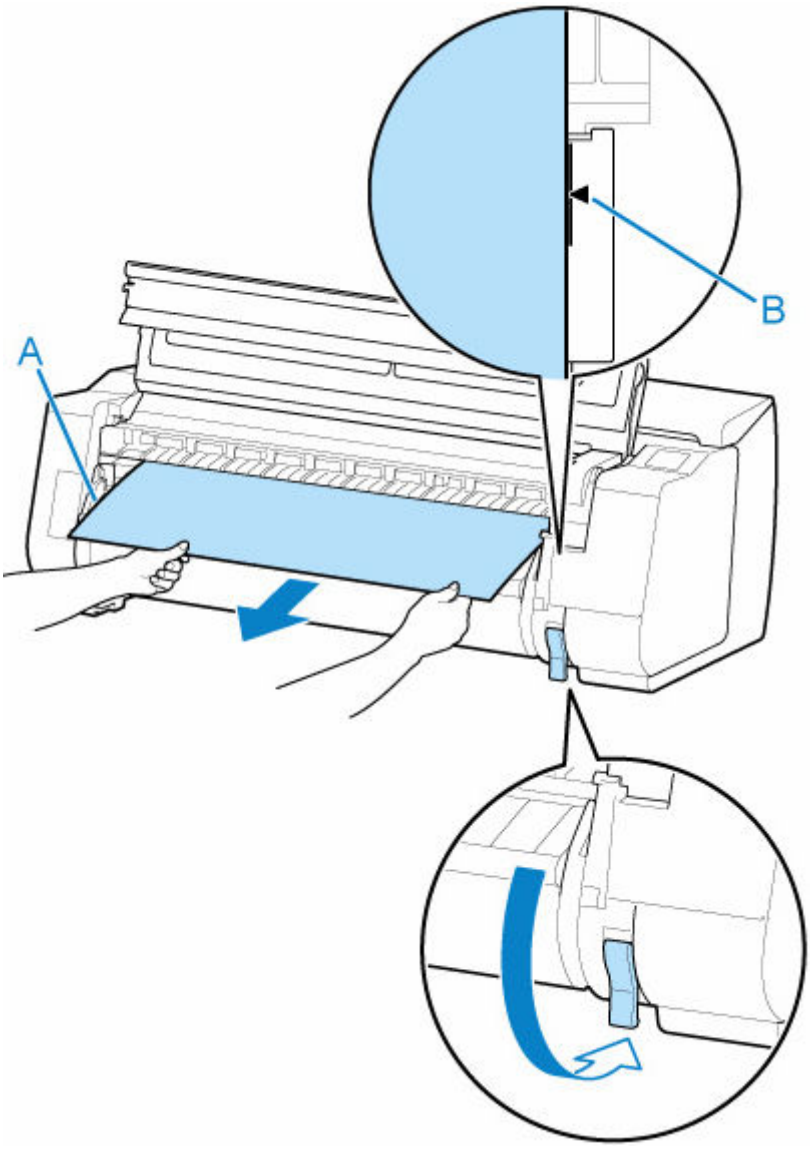
6. If the Carriage is on the left, move the Carriage to the right until it stops.



Important

- Always move the Carriage to the right side. If the Carriage is on the left, an error message may appear on the touch screen when you turn on the printer.

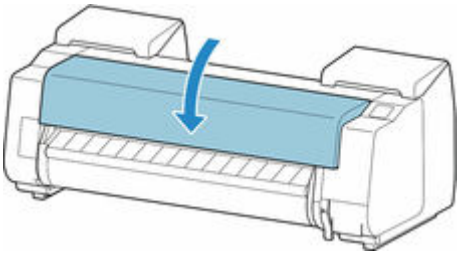
7. Hold the leading edge of the roll paper in the middle and pull it gently and evenly until it reaches the output guide (A) position. At this time, align the right edge of the roll paper parallel to the paper alignment line (B). When the paper is parallel to the line, lower the release lever.



Important

- Align the roll paper with the paper alignment line (B) and make sure to keep the paper tension.
- Do not pull the roll paper forcefully. This might cause the roll paper to feed at an angle.

8. Close the top cover.



9. Turn on the power to the printer.

   ➡ Turning the Printer On and Off

   The roll is advanced and the printer is ready to print.

Note

- To trim the leading edge cleanly, select the paper being fed on the touch screen, and then cut the leading edge by selecting **Cut paper** in **Feed/cut**.

  ➡ Specifying the Cutting Method for Rolls

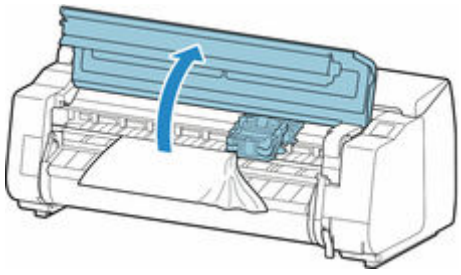
Remove a Jammed Sheet

If a sheet jams, follow the steps below to remove it.

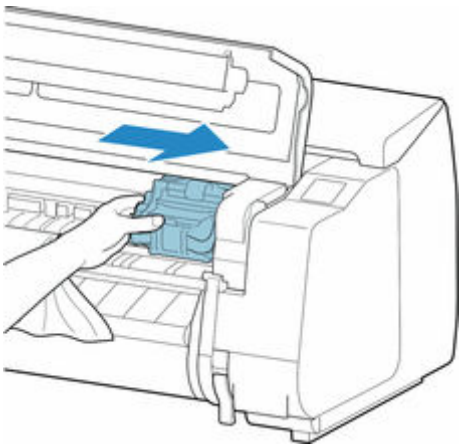
1. Turn off the power to the printer.

   ➡ Turning the Printer On and Off

2. Open the top cover.

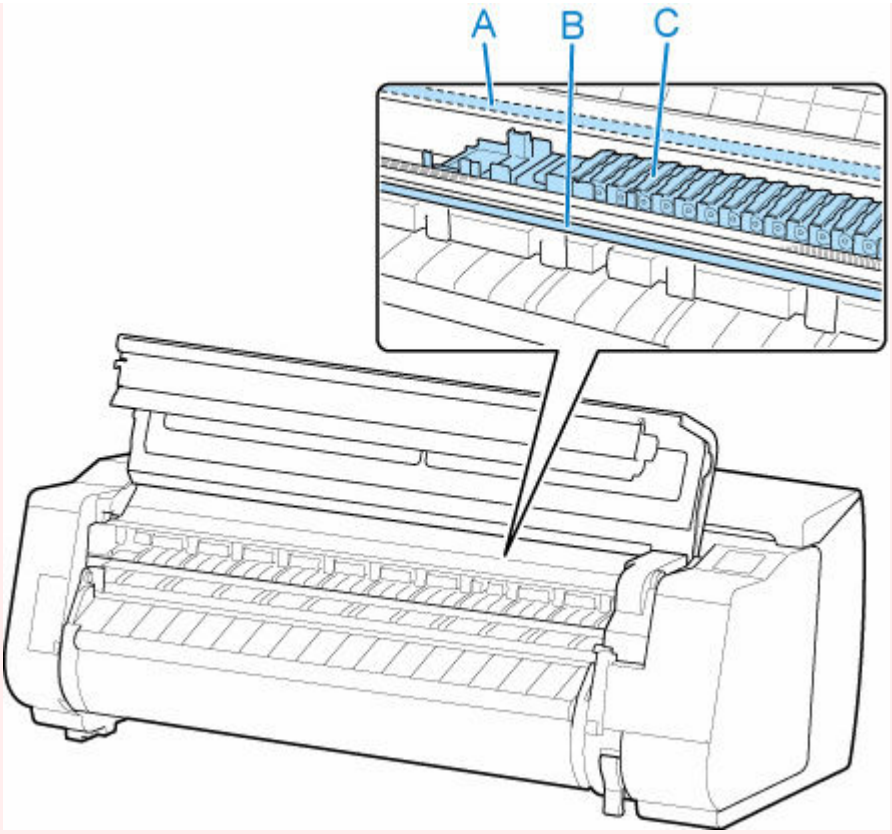


3. If the Carriage is out, move the Carriage to the left or right side, away from the jammed paper.

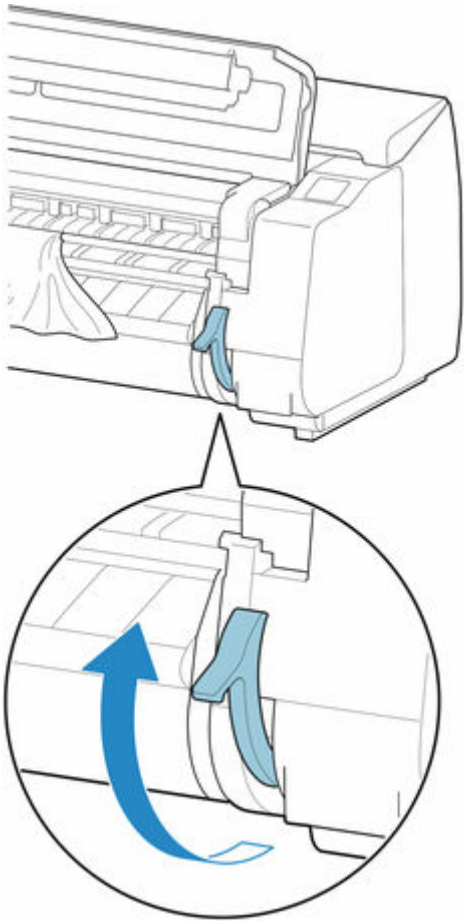


Important

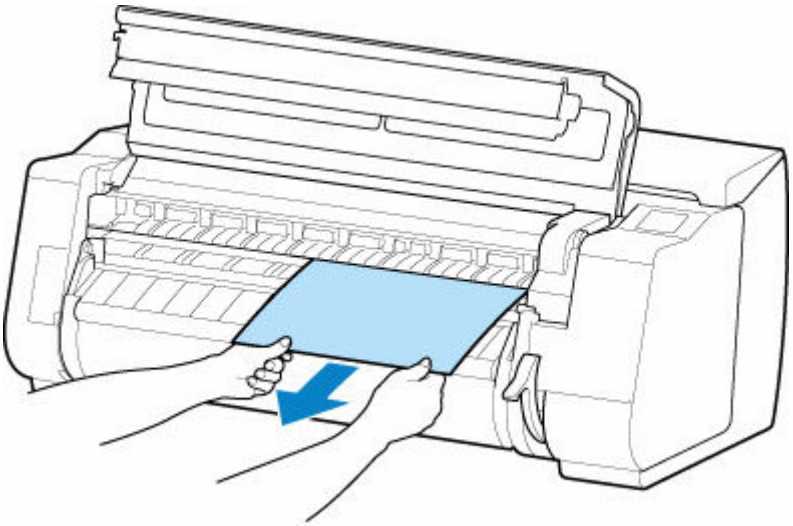
- Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



4. Lift up the release lever.

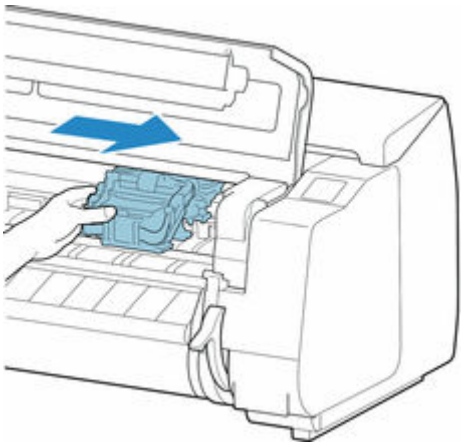


5. Hold the paper and pull it out toward the front.



After removing the paper, inspect the interior to ensure paper fragments or other objects do not remain.

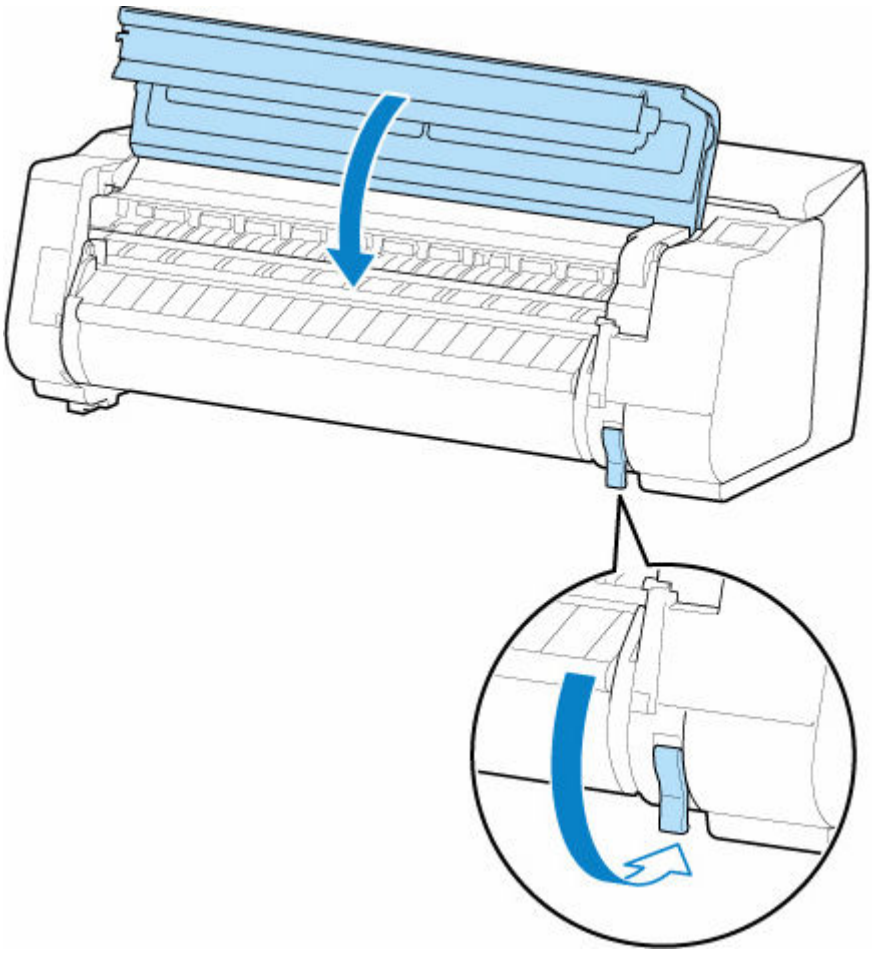
6. If the Carriage is on the left, move the Carriage to the right until it stops.



Important

- Always move the Carriage to the right side. If the Carriage is on the left, an error message may appear on the touch screen when you turn on the printer.

7. Lower the release lever and close the top cover.



8. Turn on the power to the printer.

➡ Turning the Printer On and Off

Roll paper cannot be inserted into the Paper Feed Slot

Check 1 Is the roll paper curled?

Straighten out curls and reload the roll.

Check 2 Is paper jammed in the feed slot?

Remove the jammed paper.

- Remove Jammed Roll Paper
- Remove a Jammed Sheet

Note

- You cannot load a roll paper and sheets on the printer at the same time.

Check 3 Check that the correct paper source has been selected.

Tap Paper Setting Display in the touch screen menu, and then select the paper source.

Check 4 Is the roll unit in **Take-up mode** when feeding from the roll unit?

Select **Roll unit use settings** in the touch screen menu, and set it to paper feed mode.

- Switching Roll Unit Modes

Paper is not fed automatically

Check 1 This paper cannot be fed automatically.

Set **Paper retention settings** to **Release** in the touch screen menu and feed the paper manually.

- Menu Structure
- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)

Note

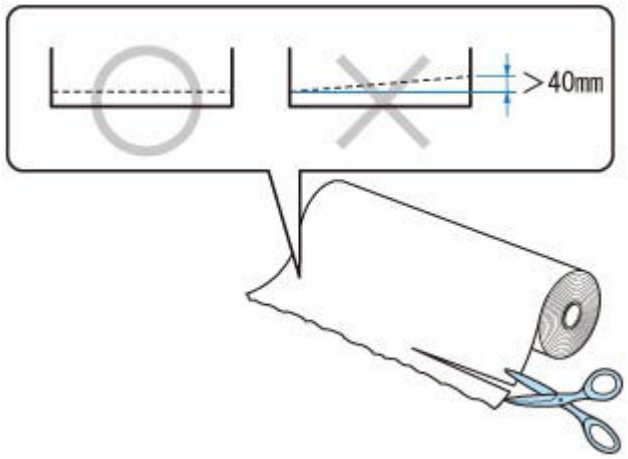
- While this setting is selected, you cannot use automatic roll paper switching.

Check 2 Are you using an old roll holder?

Be sure to use the roll holder supplied with the printer.

Check 3 The leading edge of the roll paper may not be cut properly.

If the leading edge of the roll paper is slanted or folded, the paper may not be fed correctly. Cut the leading edge with scissors to straighten it. If the roll paper has a barcode printed on it, be careful not to cut the barcode part.



Roll Paper Is not Switched Automatically

When using certain paper types and widths under certain temperature and humidity conditions, roll paper auto switching may not be possible.

Set **Paper retention settings** to **Release** in the touch screen menu and feed the paper manually.

- Menu Structure
- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)

Note

- Roll paper cannot be fed or switched automatically until you change this setting.

If the roll cannot be switched at the end, make sure **Switch roll paper when low** is set to **Enable**.

- Paper Source Does Not Switch When Roll Paper Is Used Up

Roll Paper Is not Fed Automatically

Check 1 Check the paper settings.

Select **Enable** for **Roll paper auto feed** on **Paper-related settings**.

➡ Paper-related settings

Check 2 Check the setting for **Paper retention settings**.

Select **While feeding** for **Paper retention settings** on **Paper-related settings**.

➡ Paper-related settings

Check 3 Make sure automatic paper feed can be used for the roll you are using.

Refer to "Paper Setting List(Roll Paper)" to make sure automatic paper feed can be used for the roll you are using.

➡ Paper Information List

Check 4 Make sure the roll is being fed.

If not, feed the roll manually.

➡ Loading the Upper Roll on the Printer
➡ Loading the Lower Roll on the Roll Unit (Option)

Check 5 Make sure the paper width of the roll is 250 mm or more.

The auto feed function does not support paper with a width of less than 250 mm.

If you use the roll with paper width less than 250 mm, select **Disable** for **Roll paper auto feed** on **Paper-related settings** and feed paper manually.

➡ Loading the Upper Roll on the Printer
➡ Loading the Lower Roll on the Roll Unit (Option)

Check 6 Are you using an old roll holder?

Be sure to use the roll holder supplied with the printer.

If the problem is not solved after trying Checks 1 to 6, select **Disable** for **Roll paper auto feed** and feed the paper manually.

➡ Paper-related settings

Paper Source Does Not Switch When Roll Paper Is Used Up

Check Check the paper settings.

Check the following setting items on **Paper-related settings** and perform settings.

- Select **Enable** for **Switch roll paper when low**.
- Select **Barcodes** or **Auto estimate** for **Manage remaining roll amount**.
- Select **While feeding** for **Paper retention settings**.

Paper-related settings

Roll Paper Remains/Lacks under Quantity Management

Check 1 Is the remaining amount of loaded roll paper set correctly?

If all the following three conditions are met, you can specify the remaining amount of the loaded roll paper manually when you load it.

- **Barcodes** is selected for **Manage remaining roll amount**.
- **Enable** is selected for **Roll paper auto feed**.
- **Auto detect** or **Use current media type** is selected for **Media type selection method**.

You must specify the remaining amount of roll within about five seconds. If you do not, the roll length specified on **Advanced paper settings** is regarded as the default value.

The difference between the value and actual length of loaded roll paper makes the remaining amount large or small.

Check 2 Check the setting of **Manage remaining roll amount**.

- If **Barcodes** is selected for **Manage remaining roll amount**:
  1. Enter **Length of roll paper 1** and **Length of roll paper 2**, and then tap **OK**.
  2. Select the timing of warning messages from **Roll unit use settings**.
- If **Auto estimate** is selected for **Manage remaining roll amount**:

  Make sure the media type is configured correctly.

  Make sure **Paper core outer diameter** and **Paper thickness** are configured correctly for **Advanced paper settings**.

  Note

  - Paper core outer diameter and Paper thickness must be set correctly for auto estimation to be accurate.
  - Contact the media manufacturer for paper core outer diameter and paper thickness.
  - For pre-registered paper, the paper core outer diameter and paper thickness are set, but they may be changed at the convenience of the media manufacturer.
  - If you want to use paper that is not displayed in the paper information list, set the paper thickness and paper core outer diameter in the Media Configuration Tool.

    Media Configuration Tool Guide

Paper-related settings

Cannot load sheets

Check Check that the correct paper source has been selected

Tap Paper Settings Display area in the touch screen menu, and then select the paper source.

Select **Load paper** and load the paper.

➡ Loading Sheets in the Printer

Paper is not cut straight

Check 1 Is the edge of the paper cutting position creased?

Straighten out any curling by the edges of the paper.

Check 2 Is the edge of the paper cutting position lifting up when cutting?

Reload the paper correctly.

Check 3 Is the paper a type that can be cut with the cutter blade?

Set **Cutting mode** in the touch screen menu to **User cut**, then and cut the roll paper with a cutting implement such as scissors.

➡ Specifying the Cutting Method for Rolls

Check 4 Are you using the basket properly?

Make sure that you are using the basket properly.

➡ Using the Basket

Check 5 Check that the **Cut speed** setting is correct.

Tap paper settings display area on Home screen of touch screen, tap the feed slot where the paper to change is set, then tap **Paper settings** > **Advanced** and, change the setting value of **Cut speed**.

If the paper edge cannot be cut straight at the cut starting position, it may be improved by selecting slower cut speed than that selected currently.

If the paper edge cannot be cut straight at the cut ending position, it may be improved by selecting faster cut speed than that selected currently.

➡ Menu Structure

Check 6 Did the printing material slip diagonally while being cut?

Set the **Cutting mode** in the touch screen menu to **Eject cut**, and then hold and cut the material after it has printed.

➡ Specifying the Cutting Method for Rolls

Check 7 Is the cutter blade attached properly?

Attach the cutter blade properly.

➡ Replacing the Cutter Blade

Check 8 Is the edge of the cutter blade blunt?

Replace the cutter blade.

➡ Replacing the Cutter Blade

Check 9 Are you printing on Large-Format?

Change the position of the basket.

➡ Printing on Large-Format or Easily Damaged Paper (Position 3)

Paper is not cut

Check 1 Is **Automatic Cutting** in the printer driver set to **No** or **Print Cut Guideline**?

Set the printer driver **Automatic Cutting** setting to **Yes**.

- Page Setup Tab Description (Windows)
- Quality & Media (macOS)

Check 2 Is **Cutting mode** in the touch screen menu set to **Eject cut** or **User cut**?

If **Cutting mode** is set to **Eject cut**, select **Feed/cut** in the touch screen menu and cut the paper.

If **Cutting mode** is set to **User cut**, cut the roll paper with a cutting implement such as scissors.

- Specifying the Cutting Method for Rolls

Check 3 Is the cutter blade attached?

Attach the cutter blade.

- Replacing the Cutter Blade

Check 4 Is the cutting method for paper ejected after printing set to **Do not cut** when the roll unit is set to **Take-up mode**?

Follow the steps below to change the settings.

1. Select the roll unit on the touch screen.
2. Select **Use in take-up mode**, and then select **Use the cutting mode setting**.
3. Set the **Cutting mode** for **Roll paper 1** on the touch screen to **Automatic cut**.

Cutter Blade Does Not Work While Cutting Is in Progress

Check 1 Does a message appear on the touch screen?

If the cutter blade failed to cut the paper, it stops moving and a message appears on the touch screen.

Remove the paper and try printing again.

➡ Remove Jammed Roll Paper

Check 2 Make sure the cutter blade can cut paper used currently.

Select **User cut** for **Cutting mode** in the touch screen menu and cut the roll paper with a cutting implement such as scissors.

➡ Specifying the Cutting Method for Rolls

Check 3 Check the setting value for **Cut speed**.

Selecting slower value may enable the cutter blade to cut paper.

Tap paper settings display area on Home screen of touch screen, tap the feed slot where the paper to change is set, then tap **Paper settings** > **Advanced** and, change the setting value of **Cut speed**.

➡ Menu Structure
➡ Paper-related settings

Check 4 Is the edge of the cutter blade blunt?

Replace the cutter blade.

➡ Replacing the Cutter Blade

The size of clear film cannot be detected

Check Is the platen dirty with ink?

Open the top cover and clean the entire platen area.

➡ Cleaning Inside the Top Cover

Margins are wide

Check 1 Is auto cut being used on printed material with a wide margin on the trailing edge only?

Rolls are advanced a specific amount before cutting to prevent problems with cutting and paper ejection.

This operation is normal.

The specified length varies depending on the media type and the usage environment (humidity). Please refer to the minimum printing length of the paper from paper information list.

If the length of the printed document is shorter than the minimum cut length, an extra edge margin will be added to increase the length of the printed document to the minimum cut length.

➡ Paper Information List (Rolls)

Check 2 Is leading edge detection set to **Do not detect**?

Do not detect may have been set by responding to the message **Do you want to set to detect the leading edge of the paper?** when **Cutting mode** was set to **User cut** in the touch screen menu.

If the message **Do you want to set to detect the leading edge of the paper?** appears when setting **Cutting mode** to **User cut**, select **Detect (recommended)**.

Please note that if **Detect (recommended)** is selected and the paper has a strong curl, the Print head may rub against the edge of the paper when printing starts.

➡ Specifying the Cutting Method for Rolls

When printing on roll paper, the printed surface becomes scratched

Check 1 Depending on the paper, the printed surface may become scratched when the paper is fed.

In this case, you must set **Paper retention settings** to **Release** on the touch screen, and then manually feed the paper. Lift the release lever, feed the roll paper until the leading edge is visible on the platen, lower the release lever, and then proceed to the next step.

If **Paper retention settings** is set to **Release**, you will no longer be able to automatically switch between the upper and lower roll paper.

Check 2 Has the roll paper lost tension during printing?

If the roll paper loses tension, the paper surface could be damaged and the paper could wrinkle or fold.

Set **Roll paper tension (printing)** in the touch screen menu to **High**.

➡ Menu Structure

Note

- Carrying out **Adjust print quality** is recommended when changing **Roll paper tension (printing)** settings.

Printing Does Not Start

- Printer Suddenly Stopped Working for Some Reason
- The Data lamp on the Operation Panel does not light up
- The printer does not respond even if print jobs are sent
- "Preparing the ink system." is displayed
- "Agitating the ink" is displayed
- Message Is Displayed and Borderless Printing Fails

Printer Suddenly Stopped Working for Some Reason

- Cannot Connect to a Printer after Network Configuration Changes
- Cannot Connect to a Printer via Wi-Fi
- Cannot Connect to a Printer through Wireless Direct
- Cannot Connect to a Printer via Wired LAN
- Cannot Print through Network

Q Cannot Connect to a Printer after Network Configuration Changes

A

It may take a while for the computer to obtain an IP address, or you may need to restart your computer.

Make sure the computer has obtained a valid IP address, and try again to find the printer.

Q Cannot Connect to a Printer via Wi-Fi

A

Check 1 Check the power status of printer and devices (e.g. wireless router or computer) connected to the network.

Turn on the printer or devices.

If the power is already turned on, turn it off and on again.

It may be necessary to resolve wireless router problems (e.g. update interval of a key, problems of DHCP update interval, energy saving mode, etc.) or to update the wireless router firmware.

For details, contact the manufacturer of your wireless router.

Check 2 Can you view any web pages on your computer?

Make sure your computer is connected to the wireless router properly.

For more on checking computer settings or connection status, see the instruction manual supplied with the computer or contact the manufacturer.

Check 3 Is the printer connected to the wireless router?

Use the icon on the touch screen to check the connection status between the printer and wireless router. If the icon is not displayed, Wi-Fi is disabled. Turn on wireless communication on the printer.

Check 4 Make sure the printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

To check the current network settings of the printer, print out the network setting information.

➡ Printing Network Settings

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

Check 5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check 6 Make sure wireless signal is strong. Monitor signal status and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

Check 7 Make sure of the Wi-Fi channel numbers used for your computer.

You need to have the same Wi-Fi channel number that you are using for the wireless router as your computer. It is normally set in the way that you can use all the Wi-Fi channels. However, when the channels that you are using are restricted, the Wi-Fi channels do not match.

See the instruction manual provided with your computer and check the Wi-Fi channel number available for your computer.

Check 8 Make sure channel set on wireless router is a usable channel as confirmed in Check 7.

If it is not, change the channel set on the wireless router.

Check 9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings.

Check 10 If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network identifier (SSID). (macOS)

If the problem is not resolved, redo setup.

- For Windows:

  Perform setup using the Setup CD-ROM or from Setup Guide.

- For macOS:

  Perform setup from Setup Guide.

Cannot Connect to a Printer through Wireless Direct

Check 1 Check the power status of printer and other devices (smartphone or tablet).

Turn on the printer or devices.

If the power is already turned on, turn it off and on again.

Check 2 Is the icon displayed on the touch screen?

If not, Wireless Direct is disabled. Turn on Wireless Direct.

Check 3 Check the settings of your device (smartphone/tablet).

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check 4 Make sure printer is selected as connection for device (e.g. smartphone or tablet).

Select the identifier for Wireless Direct (SSID) specified for the printer as the connection destination for devices.

Check the destination on your device.

For details, refer to your device's instruction manual or visit the manufacturer's website.

To check the identifier for wireless direct (SSID) specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the touch screen.

➡ LAN settings

- Print the network settings.

  ➡ Printing Network Settings

Check 5 Have you entered the proper password specified for the Wireless Direct?

To check the password specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the touch screen.

  ➡ LAN settings

- Print the network settings.

  ➡ Printing Network Settings

Check 6 Make sure the printer is not placed too far away from the device.

If the distance between the printer and device is too far, wireless communication becomes poor. Place the printer and device close to each other.

Check 7 Make sure 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.

Cannot Connect to a Printer via Wired LAN

Check 1 Make sure the printer is turned on.

Check 2 Make sure the LAN cable is connected properly.

Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

If the problem is not resolved, redo setup.

- For Windows:

  Perform setup using the Setup CD-ROM or from Setup Guide.

- For macOS:

  Perform setup from Setup Guide.

Cannot Print through Network

Check 1 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

Check 2 If the printer driver is not installed, install it. (Windows)

Install the printer driver using the Setup CD-ROM or install it from here.

Check 3 When using Wi-Fi, make sure wireless router does not restrict which computers can access it.

For more on connecting to and setting up your wireless router, see the wireless router instruction manual or contact its manufacturer.

The Data lamp on the Operation Panel does not light up

Check 1 Does the printer have power?

Check that the power cord is firmly plugged all the way in. Turn on the power to the printer.

Check 2 Was the correct printer selected?

In Windows, select the printer by clicking **Select Printer** or **Printer** in the printing dialog box and try printing again.

In macOS, open the dialog box of the printer driver, select the printer from the list of **Printer**, and try printing again.

Check 3 Is the print job paused?

In Windows, restart the print job as follows.

1. Select the printer icon in the **Devices and Printers** window.
2. Clear **Pause Printing** in the **Printer** menu to restart the print job.

In macOS, restart the print job as follows.

1. Click **Print & Scan** (or **Print & Fax**).
2. Select the printer, and then **Resume Printer** (or **Start Jobs**) in the **Printers** menu to restart the print job.

The printer does not respond even if print jobs are sent

Check 1 Is **Pause printing** set to **Enable**?

Set **Pause printing** on the touch screen menu to **Disable**.

➡ Pausing Printing

Check 2 Is USB or LAN connection disabled?

- For USB connection:

  Set **Use USB connection** on the touch screen menu to **Use**.

- For LAN connection (wired/Wi-Fi/Wireless Direct):

  Set **Enable/disable Wired LAN**, **Enable/disable Wi-Fi**, or **Enable/disable Wireless Direct** on the touch screen menu to **Enable**.

  Note

  - You cannot enable wired LAN and Wi-Fi or Wireless Direct at the same time.

Check 3 Is **Save to job box** selected as the printer **Output method**?

Print the job saved on the printer's hard disk.

➡ Printing Saved Jobs

Check 4 Is the print job pending?

Manage the jobs on hold and print as needed.

➡ Printing Pending Jobs

"Preparing the ink system." is displayed

The Print head and sub-ink tank are being filled with ink.

Wait until the system has been filled with ink.

Note

- This message might appear if you force the power off while the printer is operating.

  Always follow the correct procedure when turning off the power.

  Turning the Printer On and Off

"Agitating the ink" is displayed

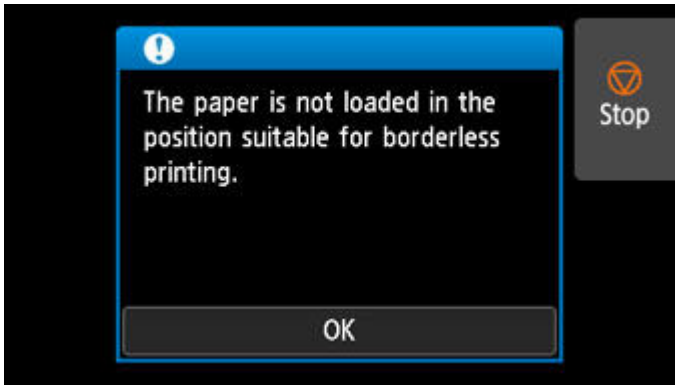
Ink agitation is in progress.

Please wait until ink agitation is finished.

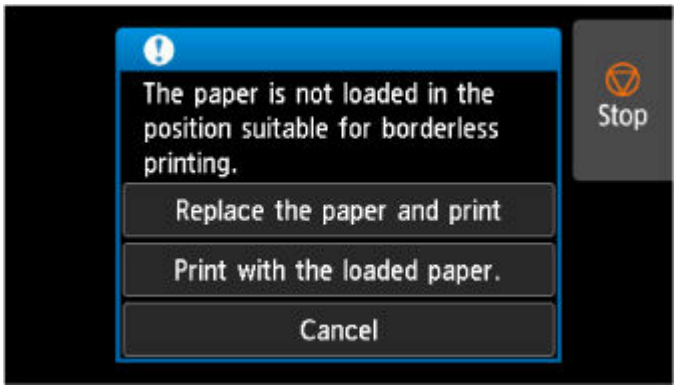
Agitation time varies depending on time elapsed since powering off (approximately 1 to 20 minutes).

Message Is Displayed and Borderless Printing Fails

For information on possible solutions, refer to the link for each messages.

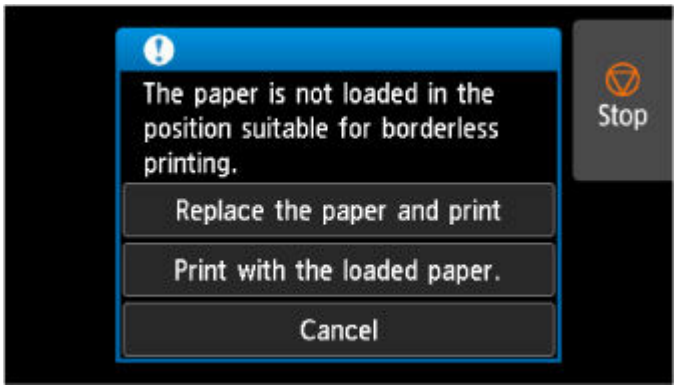


➡ 4114



➡ 4116

➡ 4121


The paper is not loaded in the position suitable for borderless printing.
Replace the paper and print
Print with the loaded paper.
Cancel
Stop

➡ 4913

The Printer Stops During a Print Job

- **Printing stops and an error message is displayed**
- **The printer ejects blank, unprinted paper**

Printing stops and an error message is displayed

If the action indicated in the error message does not solve the problem, the roll paper may be stuck and not able to be advanced.

Check 1 Is the loaded roll paper touching printer parts, etc.?

If the loaded roll paper is touching printer parts, load the roll paper again.

- Removing the Upper Roll from the Printer
- Removing the Lower Roll from the Roll Unit (Option)

Check 2 Is the roll paper proper to use?

Check the outer diameter and paper thickness of the roll paper that can be used with your printer.

- Paper Sizes

The printer ejects blank, unprinted paper

Check 1 The leading edge of the roll paper may have been trimmed.

The leading edge of the roll paper may be trimmed if **Trim edge first** is not set to **Off** or **Manual** in the touch screen menu.

➡ Cutting the Leading Edge of Roll Paper Automatically

Check 2 Is the Print head nozzle blocked?

Print a nozzle check pattern to check the Print head status.

➡ Checking for Nozzle Clogging

Check 3 Is the correct printer driver selected?

Print again using the correct printer driver for your printer.

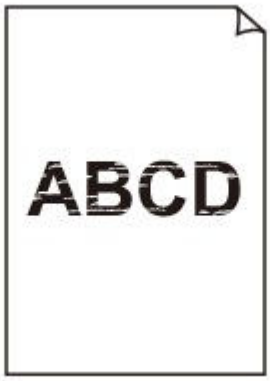
If none of the above apply, there may be a printer malfunction.

Contact your Canon dealer for assistance.

Problems with the Printing Quality

- Printing is faint
- Paper rubs against the Print Head
- The edges of the paper are dirty
- The surface of the paper is dirty
- The back side of the paper is dirty
- Immediately after borderless printing, the trailing edge margin is soiled during regular printing
- Printed colors are inaccurate
- Banding in different colors occurs
- Colors in printed images are uneven
- Image edges are blurred or white banding occurs
- The length of the printed image in the paper ejection direction is not accurate
- Images are printed crooked
- Documents are printed in monochrome
- Line thickness is not uniform
- Lines or colors are misaligned
- Borders appear in borderless printing

Printing is faint



Check 1 Is the reverse side of the paper being used for printing?

Print on the printing surface.

Check 2 Is the Print head nozzle blocked?

Print a test pattern to check the nozzles and see if they are clogged.

➡ Checking for Nozzle Clogging

Note

- To automatically check for nozzle blockages after printing, set **Auto nozzle check** in the touch screen menu to a setting other than **Disable**.

  To show warnings based on nozzle check results, set **Nozzle check error display** in the touch screen menu to **Enable**.

  However, printing may be stopped by warnings if this setting is set to **Enable**.

  ➡ Menu Structure

Check 3 Was the printer left with the ink tank out?

The ink supply may become blocked by ink if the ink tank is left out.

If this happens, leave the printer for at least 24 hours with the ink tank in, and then carry out **Print Head Cleaning**.

➡ Cleaning the Print Head

Check 4 Are paper scraps stuck in the top cover?

Remove any scraps of paper left inside the top cover.

➡ Remove Jammed Roll Paper

➡ Remove a Jammed Sheet

Check 5 Was the paper cut before the ink dried?

Set a longer **Ink drying wait time** in **Advanced paper settings** in the touch screen menu.

➡ Menu Structure

Check 6 Is the printer driver **Print Quality** set to a low quality setting?

Follow the steps below to set **Print Quality** to higher quality settings, and then print.

- Windows

  Change the **Print Quality** settings in the printer driver **Advanced Settings**.

  ➡ Changing the Print Quality and Correcting Image Data (Windows)

- macOS

  Change the **Print Quality** in the printer driver **Quality & Media** settings.

  ➡ Changing the Print Quality and Correcting Image Data (macOS)

Check 7 Does the paper used for printing create a lot of cutting dust?

Set **Cut-dust reduction** in the touch screen menu **Advanced paper settings** to **ON**.

➡ Reducing Dust from Cutting Rolls

Paper rubs against the Print Head

Check 1 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the same media type in the printer driver.

1. To stop printing, tap the **Stop**.
2. Change the paper type in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
  - Printing with Easy Setup

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

Check 3 Is the paper loaded properly?

If not loaded properly, paper can buckle and rub against the Print head.

Reload the paper.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

Check 4 Is the Print head height set too low?

Set **Head height** in the touch screen menu to the value higher than the current one.

- Troubleshooting Paper Abrasion and Blurry Images

Check 5 Is the paper thick, or a type that curls easily or is prone to buckling after absorbing ink?

If using paper-based printing material such as Heavyweight Coated Paper, set **Transport unit vacuum strength** in the touch screen menu to **Medium-strong** or **Strong**.

If that does not resolve the problem, increase the **Head height** setting in the touch screen menu.

- Adjusting Vacuum Strength
- Troubleshooting Paper Abrasion and Blurry Images

If using film-based printing material such as CAD Tracing Paper, set the **Transport unit vacuum strength** in the touch screen menu to **Standard**, **Medium-strong**, or **Strong**.

If that does not resolve the problem, increase the **Head height** setting in the touch screen menu.

- Adjusting Vacuum Strength
- Troubleshooting Paper Abrasion and Blurry Images

If using paper thinner than 0.004 inches (0.1 mm), set **Transport unit vacuum strength** in the touch screen menu to **Weak**.

If that does not resolve the problem, increase the **Head height** setting in the touch screen menu.

- Adjusting Vacuum Strength
- Troubleshooting Paper Abrasion and Blurry Images

Check 6 Does the paper have a strong curl at the front edge or is it buckled?

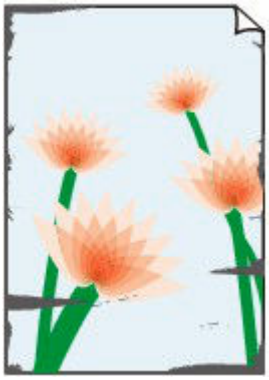
Set **Cutting mode** in the touch screen menu to **User cut**, and set leading edge detection to **Do not detect**.

To keep track of the amount of roll paper remaining, set **Manage remaining roll amount** to **Auto estimate** or **Disable** before loading the roll paper, and then restore the setting of **Manage remaining roll amount** to **Auto estimate** or **Barcodes** after the roll paper is loaded.

In addition, set **Media type selection method** to **Manual** or **Use current media type**.

- Specifying the Cutting Method for Rolls
- Keeping Track of the Amount of Roll Paper Left

The edges of the paper are dirty



Check 1 Was printing borderless or on small paper?

The platen may become dirtied by borderless printing or on small paper sizes.

Open the top cover and clean the platen.

➡ Cleaning Inside the Top Cover

Check 2 Is **Extension for borderless printing** set to a large value?

The platen may become dirtied by setting a large amount of extension.

Reduce the value of **Extension for borderless printing**.

➡ Specifying the Amount of Extension for Borderless Printing

Check 3 Is the media type specified in the printer driver the same as the media type in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

➡ Loading the Upper Roll on the Printer
➡ Loading the Lower Roll on the Roll Unit (Option)
➡ Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the same media type in the printer driver.

1. To stop printing, tap the **Stop**.

2. Change the type of paper in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.

- Click **Get Information** to reflect the paper information set in the printer to the printer driver.

  ➡ Printing with Easy Setup

Check 4 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➡ Loading the Upper Roll on the Printer
- ➡ Loading the Lower Roll on the Roll Unit (Option)
- ➡ Loading Sheets in the Printer

Check 5 Is the paper creased or curled?

Straighten out the wrinkles or curls and reload the paper.

- ➡ Loading the Upper Roll on the Printer
- ➡ Loading the Lower Roll on the Roll Unit (Option)
- ➡ Loading Sheets in the Printer

Check 6 Is **Cut-dust reduction** in the touch screen menu **Advanced paper settings** set to **ON**?

A cut dust reduction line is printed at the paper cut position when **Cut-dust reduction** is set to **ON**.

If cutting dust reduction is not required, set **Cut-dust reduction** to **OFF**.

- ➡ Menu Structure

Check 7 Is the Print head height set too low in the touch screen menu?

Set **Head height** to the value higher than the current one.

- ➡ Troubleshooting Paper Abrasion and Blurry Images

Check 8 Is the paper thick, or a type that curls easily or is prone to buckling after absorbing ink?

If using paper-based printing material such as thick-coat paper, set **Transport unit vacuum strength** in the touch screen menu to **Medium-strong** or **Strong**.

If that does not resolve the problem, increase the **Head height** setting in the touch screen menu.

- ➡ Adjusting Vacuum Strength
- ➡ Troubleshooting Paper Abrasion and Blurry Images

If using film-based printing material such as tracing paper, set the **Transport unit vacuum strength** in the touch screen menu to **Standard**, **Medium-strong**, or **Strong**.

If that does not resolve the problem, increase the **Head height** setting in the touch screen menu.

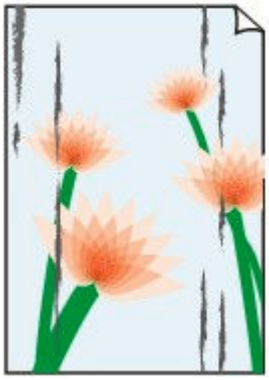
- ➡ Adjusting Vacuum Strength
- ➡ Troubleshooting Paper Abrasion and Blurry Images

Check 9 Is the output guide clean?

Clean the output guide.

➡ Cleaning the Printer Exterior

The surface of the paper is dirty



Check 1 Is the paper retainer clean?

Clean the paper retainer.

➡ Cleaning Inside the Top Cover

Check 2 If using plain paper, is the media type set to **Plain papers**?

Set the media type to **PlainP(Quick-dry)** or **PlainP(Instant-dry)** for improved quick-drying.

➡ Changing the Type of Paper

Check 3 Does this paper take longer to dry?

Increase the length of the **Pause between pages** and **Pause between scans** settings from the touch screen menu.

➡ Menu Structure

Note

- When printing on paper that takes longer to dry, the paper may curl during printing and come in contact with the output tray.

  In such situations, set an **Ink drying wait time** and an **Ink drying target area** for **Pause between scans** in the touch screen menu.

  However, note that printing will now take longer.

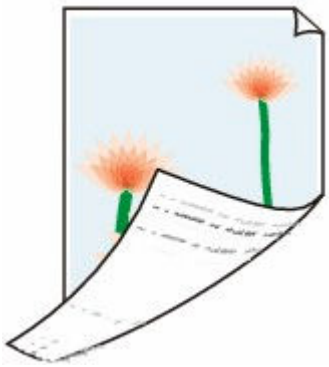
  ➡ Menu Structure

Note

- In a hot and humid environment, rolling paper printed with images containing areas of saturated color may transfer ink to the contact surface, affecting print quality.

Move the printer to a different environment, or let the paper dry before rolling it.

The back side of the paper is dirty



Check 1 Was the previous print job borderless, or printed on small paper?

Open the top cover and clean the platen.

➡ Cleaning Inside the Top Cover

Check 2 Is **Detect paper width** in the touch screen menu set to **Disable**?

Printing with **Detect paper width** set to **Disable** may cause the platen to be dirtied.

Set **Detect paper width** in the touch screen menu to **Enable**, and then open the top cover and clean the platen.

➡ Cleaning Inside the Top Cover

To continue printing with **Detect paper width** set to **Disable**, first open the top cover and clean the platen, and then manually feed roll paper over the platen when printing.

➡ Cleaning Inside the Top Cover
➡ Feeding Roll Paper Manually

Check 3 Paper may be gripped weakly over the platen.

Set a higher **Transport unit vacuum strength** in the touch screen menu.

➡ Adjusting Vacuum Strength

Check 4 Is the setting of **Extension for borderless printing** in the touch screen menu large?

The platen may become dirtied by setting a large amount of extension.

Reduce the setting of **Extension for borderless printing** in the touch screen menu to less than the current setting.

➡ Menu Structure

Check 5 If using plain paper, is the media type set to **Plain papers**?

Set the media type to **PlainP(Quick-dry)** or **PlainP(Instant-dry)** for improved quick-drying.

➡ Changing the Type of Paper

Check 6 Does this paper take longer to dry?

Increase the length of the **Pause between pages** and **Pause between scans** settings from the touch screen menu.

➡ Menu Structure

Note

- When printing on paper that takes longer to dry, the paper may curl during printing and come in contact with the output tray.

  In such situations, set an **Ink drying wait time** and an **Ink drying target area** for **Pause between scans** in the touch screen menu.

  However, note that printing will now take longer.

  ➡ Menu Structure

Note

- If the platen is dirty, open the top cover and clean the platen.
- In a hot and humid environment, rolling paper printed with images containing areas of saturated color may transfer ink to the contact surface, affecting print quality.

  Move the printer to a different environment, or let the paper dry before rolling it.

Immediately after borderless printing, the trailing edge margin is soiled during regular printing

In some situations, borderless printing with automatic cutting of the leading and trailing edges on roll paper may transfer ink on the cutter blade to the next item printed.

Follow the steps below to change **Between Pages** in **Drying Time** to between 30 seconds and 3 minutes and perform borderless printing.

- Windows

  1. Click **Specify** for **Media Type** on the **Main** sheet of the printer driver.
  2. Select an ink drying time from the **Between Pages** list in **Drying Time**.

- macOS

  Select an ink drying time from the **Drying Time** list on the **Advanced Paper Settings** sheet of the printer driver.

Printed colors are inaccurate

Check 1 Is the Print head nozzle blocked?

Print a test pattern to check the nozzles and see if they are clogged.

➡ Checking for Nozzle Clogging

Check 2 Has color been adjusted in the printer driver?

Follow the steps below to adjust color settings.

- Windows

  Adjust the color settings with **Color Mode** > **Color Settings** in **Advanced Settings** in the printer driver.

  ➡ Main Tab Description (Windows)

- macOS

  Adjust the color settings in the printer driver **Color Options**.

  ➡ Color Options (macOS)

Check 3 Is **Application Color Matching Priority** set to **Off** in a Windows printer driver?

In the printer driver **Layout** sheet, click **Special Settings**, and then set **Application Color Matching Priority** to **On** in the dialog box that appears.

➡ Layout Tab Description (Windows)

Check 4 Has the computer or monitor color been adjusted?

Take the actions below.

- 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.

Check 5 Has the Print head been replaced?

Differences between one Print head and another may result in a change in color after replacing the Print head.

Execute color calibration.

➡ Performing Color Calibration

Check 6 The Print head characteristics may have changed.

The characteristics of a Print head may change with repeated use, including color.

Execute color calibration.

➡ Performing Color Calibration

Check 7 Color varies even between printers of the same model due to differences in firmware and printer driver versions, settings, or environment.

Follow these steps to prepare the printing environment.

1. Use the same version of firmware or printer driver.
2. Specify the same value for all settings items.
3. Execute color calibration.

   ➡ Performing Color Calibration

Check 8 Did you make a different selection in Select Your Place of Residence in the Media Configuration Tool when reinstalling the printer driver?

Changing the region selection of the Media Configuration Tool deletes the region-specific paper information originally registered on the printer before installation. Using paper with deleted information when executing color calibration will prevent the resulting calibration adjustment value from being applied to all other types of the paper.

Prepare paper compatible with calibration in the newly selected region and perform calibration again.

➡ Performing Color Calibration

Banding in different colors occurs

Check 1 Make sure that the Print head nozzle is not blocked

Print a test pattern to check the nozzles and see if they are clogged.

- Checking for Nozzle Clogging

Note

- To automatically check for nozzle blockages after printing, set **Auto nozzle check** in the touch screen menu to a setting other than **Disable**.

  To show warnings based on nozzle check results, set **Nozzle check error display** in the touch screen menu to **Enable**.

  However, printing may be stopped by warnings if this setting is set to **Enable**.

  - Menu Structure

Check 2 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the same media type in the printer driver.

1. To stop printing, tap the **Stop**.

2. Change the type of paper in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.

  ➡ Printing with Easy Setup

Check 3 Does the paper loaded on the printer match the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

➡ Loading the Upper Roll on the Printer
➡ Loading the Lower Roll on the Roll Unit (Option)
➡ Loading Sheets in the Printer

Check 4 Has the paper feed rate been calibrated properly?

Adjust the feed amount.

➡ Adjusting Feed Amount

Check 5 Low **Print Quality** setting causing lines in the printing

Follow the steps below to set **Print Quality** to the highest quality setting, and then print.

- Windows

  Change the **Print Quality** settings in the printer driver **Advanced Settings**.

  ➡ Changing the Print Quality and Correcting Image Data (Windows)

- macOS

  Change the **Print Quality** in the printer driver **Quality & Media** settings.

  ➡ Changing the Print Quality and Correcting Image Data (macOS)

Check 6 Is **Set priority** in the touch screen menu set to **Prioritize length accuracy**?

Setting **Set priority** to **Prioritize print quality** and adjusting the feed amount can help.

➡ Adjusting Feed Amount

Check 7 Check if the Print head is in the right position

Adjust the Print head position.

➡ Automatic Adjustment to Straighten Lines and Colors

Check 8 Print job may have been interrupted while receiving, and therefore not printed at a fast frame rate

Exit other applications and cancel other print jobs.

Check 9 Make sure that lines are not printed around 100 mm from the paper edges.

If the printer is on standby or if you leave paper as it is for approximately over 30 minutes, paper may be curled or wrinkled.

Set **Sleep timer** on **Energy saving settings** to a value shorter than 30 minutes, so that you can prevent paper from being curled or wrinkled.

➡ Other printer settings

Colors in printed images are uneven

Check 1 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, tap **Stop**.
2. Change the paper type in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
  - Printing with Easy Setup

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

Check 3 Is the Print head position adjusted correctly?

Adjust the Print head position.

➡ Automatic Adjustment to Straighten Lines and Colors

Check 4 Is the feed amount adjusted correctly?

Adjust feed amount.

➡ Adjusting Feed Amount

Check 5 Colors in printed images may be uneven if the **Print Quality** setting is too low

If using Windows, select **Advanced Settings** from the **Main** tab of the printer driver, and then select a higher **Print Quality** setting.

If using macOS, select **Quality & Media** in the printer driver, and then select a higher **Print Quality** setting.

➡ Changing the Print Quality and Correcting Image Data (Windows)
➡ Changing the Print Quality and Correcting Image Data (macOS)

Check 6 Colors in printed images may be uneven on the boundary between shades if there are dark and light areas in an image

Prints on the same page while switching between Bidirectional printing and Unidirectional printing. Therefore, color unevenness may occur when switching. Using the unidirectional printing function may reduce color unevenness in this situation.

Follow the steps below for unidirectional printing.

- Windows

  Open **Paper Detailed Settings** from the **Main** tab of the printer driver, and then select **Unidirectional Printing**.

- macOS

  Open **Advanced Paper Settings** in the printer driver, and then select **Unidirectional Printing**.

Check 7 If printing borderless, colors in printed images may be a little uneven at the leading edge of the paper because printing is interrupted to cut the paper

Set the printer driver **Automatic Cutting** settings to **No**, and then print. Doing this prints only the left and right sides borderless. Cut the top and bottom borders with a cutting implement such as scissors after the printed materials are output and cut.

Note

- Selecting a higher **Print Quality** in the printer driver **Advanced Settings** may resolve the problem.

  ➡ Changing the Print Quality and Correcting Image Data (Windows)
  ➡ Changing the Print Quality and Correcting Image Data (macOS)

Check 8 Does this paper curl easily?

Colors in printed images may be uneven at the leading edge of paper that curls easily. Change the **Transport unit vacuum strength** in the touch screen to increase the grip on the paper, or set a margin of at least 0.8 inches (20 mm) at the front edge of the paper.

➡ Adjusting Vacuum Strength

Check 9 Color may be uneven if printing materials were stacked while drying

To avoid uneven colors, we recommend drying each sheet separately.

Check 10 Is **Ink drying target area** for **Pause between scans** in the touch screen menu set to **Leading edge**?

If the **Ink drying target area** for **Pause between scans** is set to **Leading edge**, color may be uneven approximately 4.3 to 6.3 inches (110 to 160 mm) from the front edge of the paper. (The position depends on the **Print Quality** settings)

On the home screen of the touch screen, tap the paper setting display area, tap the paper feed slot where the paper whose settings to change is set, and then tap **Paper settings** > **Advanced** > **Pause between scans** > **Ink drying target area** and set to **Overall**.

However, note that printing will now take longer.

➡ Menu Structure

Check 11 Make sure you are not printing cut sheet with AirPrint (macOS)

When you print cut sheets with AirPrint, uneven or streaked colors may occur at the trailing edge of the sheet. To print cut sheets with AirPrint, from the touch screen menu, tap **Printer settings** > **Paper-related settings** > **Keep margin at cut sheet end**.

➡ Menu Structure

Note

- Set **Keep margin at cut sheet end** to **Enable** to increase the margin at the trailing edge of the sheet.

Image edges are blurred or white banding occurs

Check 1 Paper may be gripped too strongly over the platen.

Set a lower **Transport unit vacuum strength** in the touch screen menu.

- Adjusting Vacuum Strength

Check 2 Check if the Print head is in the right position.

For detailed printing of small text or fine lines on glossy or semi-gloss photo paper or proof paper, etc., set the Print head to the optimal height and then adjust the position of the Print head.

- Adjusting the Print Head

Setting a lower value for **Head height** in the touch screen menu may resolve the problem.

- Troubleshooting Paper Abrasion and Blurry Images

Check 3 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, tap **Stop**.
2. Change the paper type in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.

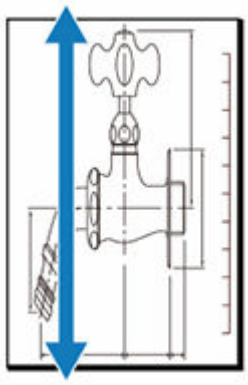
  Printing with Easy Setup

Check 4 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- Loading the Upper Roll on the Printer(
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

The length of the printed image in the paper ejection direction is not accurate



Check 1 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, tap **Stop**.
2. Change the paper type in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
  - Printing with Easy Setup

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

Check 3 Perform print quality adjustment to automatically adjust the feed amount.

Perform **Adjust print quality** from **Paper feed adjustment** and **Print alignment pattern** to automatically adjust the feed amount.

➡ Automatic Banding Adjustment

Check 4 Is **Set priority** for **Paper feed adjustment** in the touch screen menu set to **Prioritize print quality**?

Set **Set priority** for **Paper feed adjustment** to **Prioritize length accuracy**, and then carry out **Adjust feed length**.

➡ Adjusting Feed Amount

Images are printed crooked

Check 1 Has the roll paper been loaded at an angle?

If there is a gap between the roll paper and roll holder, reload the roll on the roll holder.

- Loading Rolls on the Roll Holder

Check 2 Paper may have been fed at an angle.

When **Roll paper auto feed** is set to **Disable**, feed the roll paper into the printer so that there is no gap between the right edge of the roll paper and the roll holder.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)

Check 3 Is **Detect paper width** set to **Disable**?

Set **Detect paper width** in the touch screen menu to **Enable**, and then reload the paper.

- Menu Structure

Check 4 Is **Skew detection accuracy** in the touch screen menu set to **Loose** or **OFF**?

Set **Skew detection accuracy** to **Standard**, and then reload the paper.

- Menu Structure

Documents are printed in monochrome

Check 1 Is **Color Mode** set to **Monochrome**, or **Print Target** set to **Monochrome (Photo)** in a Windows printer driver?

In the **Advanced Settings** of the printer driver, specify **Color** in **Color Mode** and try printing again.

Check 2 Is **Black and White Photo Print** selected in a macOS printer driver?

Deselect **Black and White Photo Print** in the printer driver **Quality & Media** settings, and then print again.

Check 3 The print head nozzle may be blocked

Print a test pattern to check the color ink nozzles and see if they are clogged.

➡ Checking for Nozzle Clogging

Line thickness is not uniform

Check 1 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, tap **Stop**.
2. Change the paper type in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
  - Printing with Easy Setup

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)

- Loading Sheets in the Printer

Check 3 Adjust the position of the Print head

If the printed result does not look uniform, such as when the lines are misaligned, adjust the position of Print Head.

- Automatic Adjustment to Straighten Lines and Colors
- Manual Adjustment to Straighten Lines and Colors

For photo paper and proof paper, it may be improved by setting **Head height** to a value lower than the current setting and then adjust the position of the Print head.

- Troubleshooting Paper Abrasion and Blurry Images

Check 1 Is **Fast Graphic Process** set to **On** in the 32-bit Windows printer driver **Special Settings** dialog box?

Access the printer driver **Properties** dialog box from **Print** in the **File** menu of the source application, and follow these steps to print.

1. Deselect **Preview before printing** in the **Main** sheet.
2. Deselect **Page Layout** in the **Layout** sheet.
3. Click the **Special Settings** button in the **Layout** sheet, and then set **Fast Graphic Process** to **Off** in the **Special Settings** dialog box that opens.

Lines or colors are misaligned

Check 1 Adjust the position of the Print head

If borders are misaligned or the print results are not uniform, adjust the position of the Print head.

- Automatic Adjustment to Straighten Lines and Colors
- Manual Adjustment to Straighten Lines and Colors

For photo paper and proof paper, it may be improved by setting **Head height** to a value lower than the current setting and then adjust the position of the Print head.

- Troubleshooting Paper Abrasion and Blurry Images

Check 2 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, tap **Stop**.
2. Change the paper type in the printer driver and try printing again.

Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
  - Printing with Easy Setup

Check 3 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

Check 4 Is the Roll Paper loaded at an angle?

If there is a gap between the roll paper and the roll holder, reload the roll paper.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)

Check 5 Paper may have been fed at an angle.

When **Roll paper auto feed** is set to **Disable**, feed the roll paper into the printer so that there is no gap between the right edge of the roll paper and the roll holder.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)

Check 6 Is **Detect paper width** set to **Disable**?

Set **Detect paper width** in the touch screen menu to **Enable** to load the paper.

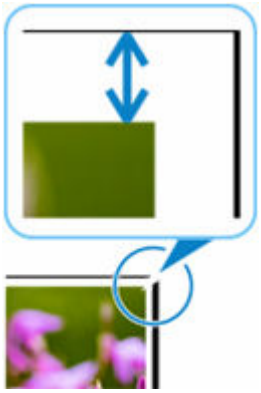
- Menu Structure

Check 7 Is **Skew detection accuracy** in the touch screen menu set to **Loose** or **OFF**?

Set **Skew detection accuracy** to **Standard**, and then reload the paper.

- Menu Structure

Borders appear in borderless printing



If white bandings or borders appear on the edges of borderless printing, check the following items.

Check 1 Is the position of the Print head adjusted?

Adjusting the position of the Print head will improve the printing accuracy.

- Adjusting the Print Head

Check 2 If printing full-scale borderless, is the selected paper wider than the source size?

For borderless printing at actual size, use roll paper that has the same width as the actual page size.

- Printing Full-Size without Margins (Windows)
- Printing Full-Size without Margins (macOS)

Check 3 Does the source file have margins?

Check that the printing image data does not have any objects like crop marks and transparent objects.

Check 4 Is a margin set in application software?

Check that no margins are configured in the application software you are using.

Check 5 Is the **Extension for borderless printing** set to small in the touch screen menu?

In the touch screen menu, set **Extension for borderless printing** to the larger number than the current setting.

- Specifying the Amount of Extension for Borderless Printing

Cannot Print over Network

- Cannot Connect Printer to Network
- Cannot Print over TCP/IP Network
- Cannot Print over Bonjour networks

Cannot Connect Printer to Network

Check 1 Is the Ethernet cable connected correctly to the printer's wired LAN connector?

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.

Check 2 Make sure the Link indicator is lit.

The top and bottom indicators are lit if the printer is connected via 1000Base-T.

The top indicator is green if the printer is connected via 100Base-TX, and the bottom indicator is orange if connected via 10Base-T.

If the Link indicator is not lit, check the following points.

- The hub is on.
- The end of the Ethernet cable is connected correctly.

  Insert the Ethernet cable until it clicks and locks in place.
- There is no problem with the Ethernet cable.

  If there is any problem, replace the Ethernet cable.

Cannot Print over TCP/IP Network

Check 1 Is the printer's IP address configured correctly?

Make sure the printer's IP address is configured correctly.

Note

- For Windows, you can configure the printer's IP address using IJ Network Device Setup Utility.

  For details, refer to "Performing/Changing Network Settings" > "Performing Network Settings" in IJ Network Device Setup Utility Guide.

  ➡ IJ Network Device Setup Utility Guide

Check 2 Are the printer's TCP/IP network settings configured correctly?

Make sure the printer's TCP/IP network settings are configured correctly.

Check 3 Is the computer you are trying to print from configured correctly?

Make sure the computer's TCP/IP network settings are configured correctly.

Cannot Print over Bonjour networks

Check 1 Is the computer you are trying to print from configured correctly?

Make sure the computer is configured correctly.

Check 2 Are the computer and printer on the same network?

Due to the nature of Bonjour, printing may not be possible 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.

Check 3 Are the printer's Bonjour settings configured correctly?

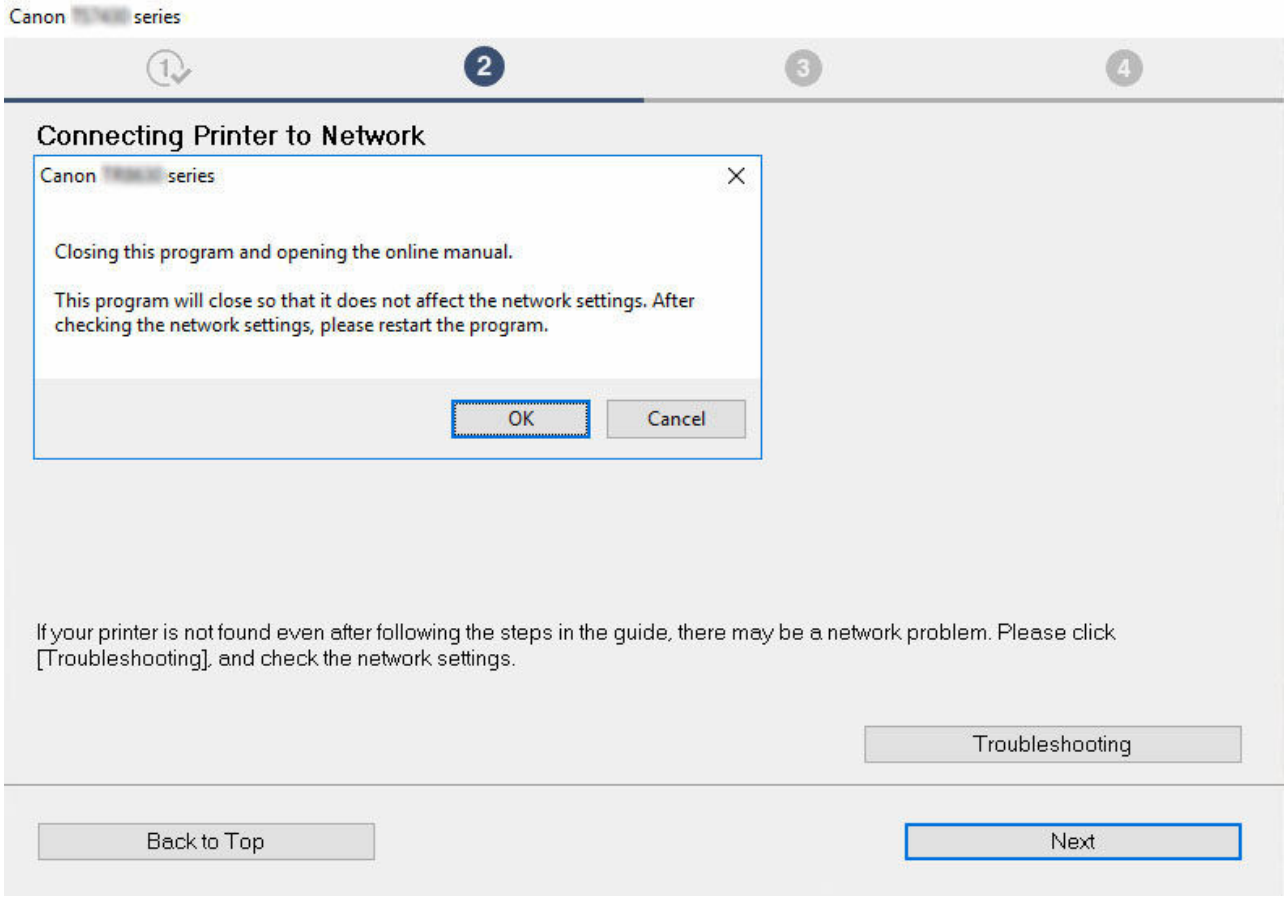
Make sure the Bonjour settings are configured correctly.

Cannot Find Printer on Network

- Cannot Find Printer During Setup
- Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen
- Searching Printer by IP Address or Host Name During Setup
- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN
- Cannot Print Using AirPrint

Cannot Find Printer During Setup

If you cannot find the printer on network during setup, check the following.



When you complete all the checking, try to set up from the beginning.

Items to check for Wi-Fi

Step 1 Check the basic items for Wi-Fi

1. Check power status

   Are printer and network device (router, etc.) turned on?

   Stop setting up, and check if the router (modem) is turned on and then check if the printer is turned on.

   1. Check if network devices such as router are turned on.

      If network devices are not turned on, turn on the power. If the network devices are on, turn them off and on again.

      It may take a while for the network device to become ready for use once they are turned on.

      Proceed once the network devices such as router are ready for use.

   2. Check if the printer is turned on

      If printer is not turned on, turn on the power. If the printer is on, turn them off and on again.

2. Check PC network connection

   Can you view any web pages on your computer? Make sure the computer and network device (wireless router, etc.) are configured and the computer is connected to the network.

   If you cannot view web pages on your computer, check wireless router network connection settings, such as IP address filtering, MAC address filtering, and DHCP function.

For more on checking the settings of the wireless router, refer to the instruction manual supplied with the wireless router or contact the manufacturer.

Important

- Depending on the wireless router, note that different network name (SSID) is assigned for a bandwidth (2.4 GHz or 5 GHz) or its usage (for PC or game machine), using alphanumeric characters at the end of network name (SSID).

Once you complete checking the wireless router, configure the network settings for your computer. For the procedures, refer to the instruction manual supplied with the computer, or contact the manufacturer.

Once you complete setting up the wireless router and your computer, configure the settings on your computer in order to view web pages, using the information of the wireless router.

3. Check printer's Wi-Fi settings

Make sure the or icon is displayed on the touch screen.

If icon is not displayed:

The printer is not set to enable wireless communication. Change the printer settings in order to use Wi-Fi. Turn on wireless communication on the printer.

If icon is displayed:

icon indicates that the wireless router and the printer are not connected. Reconsider the locations of the wireless router and the printer.

- Checking the location of wireless router:

  After checking the wireless router setting, make sure the printer is not placed too far away from the wireless router. The printer can be up 164 ft. (50 m) from the wireless router indoors if unobstructed. Make sure the printer is close enough to the wireless router to be used.

  Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

  In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

- Checking the location of printer:

  Make sure that the printer is not placed behind an object. The printer may not be connected when placed behind a wall or on a shelf. Try to place the printer in a location where there is no obstacle.

  For details, see the instruction manual supplied with the wireless router or contact the manufacturer.

Step 2 Solve the Problem, Using IJ Network Device Setup Utility

Diagnose and repair the network connections using IJ Network Device Setup Utility.

Download IJ Network Device Setup Utility from the below page, and install it on your computer.

➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

If you can connect to the network, try to set up from the beginning.

Items to check for wired LAN

Step 1 Check the basic items for wired LAN

1. Check the power and LAN Cable

   When the printer cannot be found on the setup screen, using wired LAN connection setup, make sure that all the network devices are connected with the router and the hub via LAN cables and that all the devices are turned on.

   If LAN cable is not connected:

   Connect the router, hub, computer and printer via LAN cables.

   Make sure the printer is turned on.

   After checking the printer is turned on, make sure that the router and the hub are turned on.

   If LAN cable is connected, and printer and network device are off:

   Turn on printer or network device.

   If LAN cable is connected, and printer and network device are on:

   If they are on, turn them off and on again.

   Note

   - It may take a while for the printer and network device to become ready for use once they are turned on again. After turning it on, wait for a while and proceed.

2. Check PC network connection

   Can you view any web pages on your computer? Make sure the computer and network device (router, etc.) are configured and the computer is connected to the network.

   If you cannot view web pages, unplug the cable connected to the router's WAN side. Connect the cable directly to the computer to see if you can view web pages on the Internet.

   Check the settings for the router if you were able to view web pages. For details on checking the settings of the router, refer to the instruction manual supplied with the router or contact the manufacturer. Refer also to the instruction manual regarding the connection of the provider.

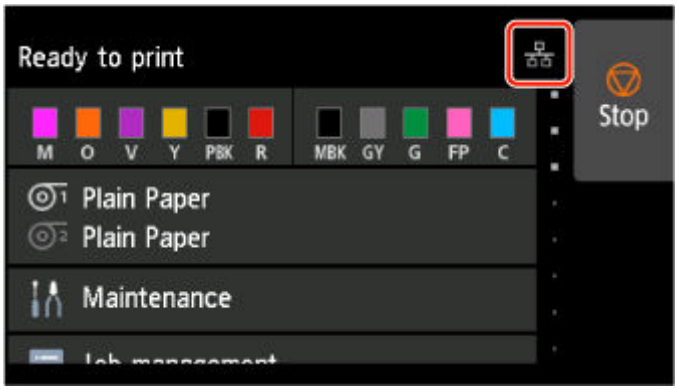
   Once you complete checking the router, configure the network settings of your computer. For the procedures, refer to the instruction manual supplied with the computer, or contact the manufacturer.

   Once you complete setting up the router and your computer, configure the settings on your computer to view web pages, using the information of the router.

   Proceed once you can view web pages on your computer.

3. Check printer's wired LAN settings

   Make sure the icon is displayed on the touch screen.

   If icon is not displayed:

   The printer is not set to enable wired communication. Change the printer settings in order to use wired LAN.

When you complete checking [Step 1] above, try to set up from the beginning.

If the printer cannot be detected after trying to set up from the beginning, proceed to [Step 2].

Step 2 Solve the Problem, Using IJ Network Device Setup Utility

Diagnose and repair the network connections using IJ Network Device Setup Utility.

Download IJ Network Device Setup Utility from the below page, and install it on your computer.

- Checking Printer Connection Status Using IJ Network Device Setup Utility

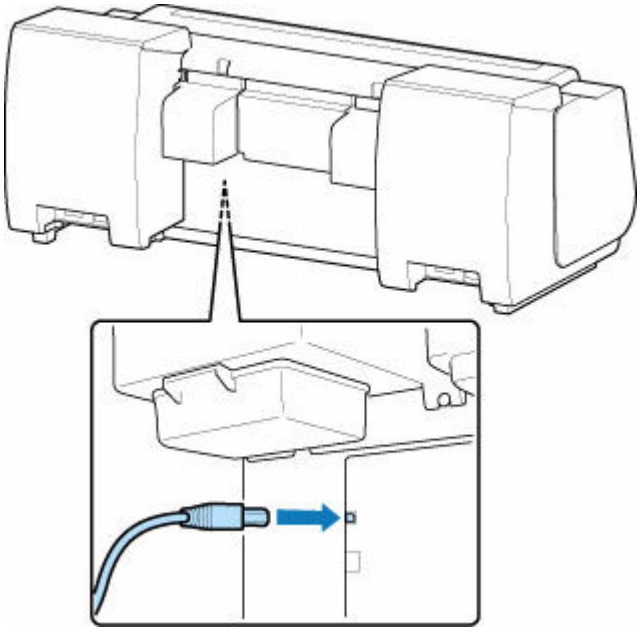
If you can connect to the network, try to set up from the beginning.

Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen

If you cannot proceed beyond the **Printer Connection** screen or the **Connect Cable** screen, check the following.

Check 1 Make sure USB cable is securely plugged in to printer and computer.

Connect the printer and the computer using a USB cable as the illustration below. The USB port is located at the back side of the printer.



Check the items below only if you cannot proceed beyond the Printer Connection screen.

Check 2 Follow procedure below to connect printer and computer again.

Important

- For macOS, make sure the lock icon is on the lower left of the **Printers & Scanners** screen.

  If the icon (locked) is displayed, click the icon to unlock. (The administrator name and the password are necessary to unlock.)

1. Turn off printer.
2. Unplug USB cable from printer and computer and connect it again.

3. Turn on printer.

Check 3 If you cannot resolve problem, follow procedure below to reinstall printer driver.

1. Exit setup.
2. Turn off printer.
3. Restart computer.
4. Make sure you have no application software running.
5. Click here and perform setup.

Note

- You can use the Setup CD-ROM to redo setup.

Searching Printer by IP Address or Host Name During Setup

If the printer cannot be found on the **Select Printer** screen, search for the printer by an IP address or host name. Click **Search By IP Address** on the screen which appears by clicking **Printer Not Found**. The screen to select searching criteria appears.

1. Check printer's IP address or host name.

   To check the printer's IP Address or host name, print out the network settings information or use the touch screen to display it.

   - Display on the touch screen.

     ➡ LAN settings

   - Print the network settings.

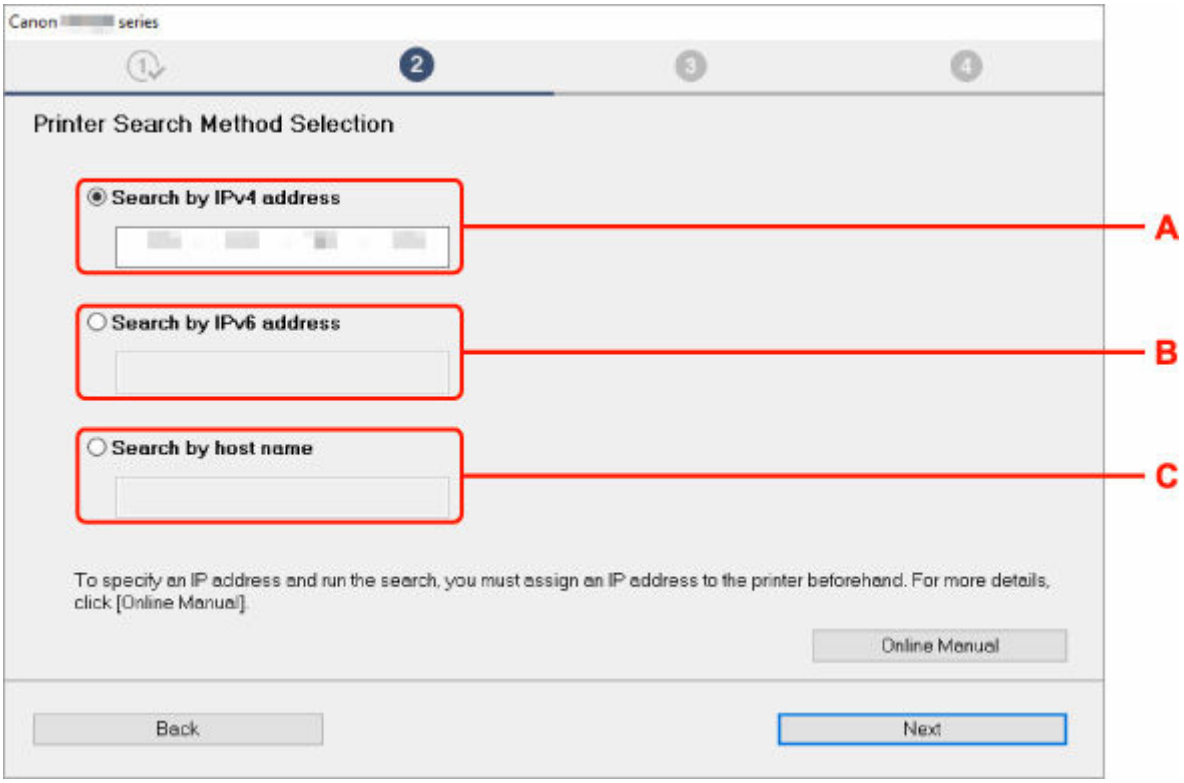
     ➡ Printing Network Settings

   Note

   - If you use the printer in an office, ask the network administrator.

2. Specify searching method.

   Select one of the methods below.



A: Search by IPv4 address

Select to search for printers by IPv4 address.

B: Search by IPv6 address

Select to search for printers by IPv6 address.

C: Search by host name

Select to search for printers by host name. A host name is referred to as LLMNR host name or Bonjour name.

3. Enter IP address or host name and click **Next**.

Printer search starts.

If an error screen appears:

Resolve the error according to the instruction on the screen.

If the IP address you entered is already used for another device, follow the procedure below to specify printer's IP address.

1. Select **LAN settings** on HOME screen.

Home Screen Menu Composition

If you specify the administrator password, enter the password.

2. Select **Wi-Fi**.
3. Select **Settings**.
4. Select **Advanced**.
5. Select **TCP/IP settings**.

- **If you specify IPv4 address:**

1. Select **IPv4**.
2. Select **Yes** on the displayed screen.
3. Select **IP address**.
4. Select **Manual setup**.

Selecting **Auto setup** specifies the IP address automatically.

5. Enter IP address.
6. Select **OK**.
7. Enter subnet mask.
8. Select **OK**.
9. Enter default gateway.

10. Select **OK**.

    The IPv4 address has been specified.

- **If you specify IPv6 address:**

  1. Select **IPv6**.
  2. Select **Yes** on the displayed screen.
  3. Select **Enable/disable IPv6**.
  4. Select **Enable**.

     The IPv6 address has been specified.

Important

- If firewall is enabled on the computer, printers on a different subnet may not be detected. Disable firewall.

If firewall interferes with printer search:

- **If a firewall message appears:**

  If a firewall message appears warning that Canon software is attempting to access the network, set the security software to allow access.

  After allowing the software to access, specify the IP address or host name and search for printers again.

  If the printer is found, follow the instructions on the screen to continue to set up the network communication.

- **If no firewall message appears:**

  Temporarily disable the firewall and specify the IP address or host name to search for printers again.

  After the setup is complete, re-enable the firewall.

Note

- For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

Cannot Find Printer while Using Wi-Fi

Check 1 Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.

Check 2 Check the network status on the touch screen.

If the icon is displayed, Wi-Fi is disabled.

Set **Enable/disable Wi-Fi** in the touch screen menu to **Enable**.

If the icon is displayed, see Check 3 or later checking items to make sure whether printer setup is complete or the settings of wireless router to connect are correct.

Check 3 Make sure printer setup is complete on the computer.

If it is not, perform setup.

- For Windows:

  Perform setup using the Setup CD-ROM or from Setup Guide.

- For macOS:

  Perform setup from Setup Guide.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

Check 4 Make sure printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

Note

- Use 2.4 GHz frequency band to connect to a wireless router. Match the SSID set for the printer with that for 2.4 GHz frequency band of the wireless router.

To check the SSID set for the printer, print out the network setting information or use the operation panel to display it.

- Display on the touch screen.

  ➡ LAN settings

- Print the network settings.

  ➡ Printing Network Settings

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

Check 5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check 6 Make sure wireless signal is strong. Monitor signal strength and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

Check 7 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

Note

- If you use a smartphone or tablet, make sure the Wi-Fi is enabled on the device.

Check 8 Make sure **Enable bidirectional support** is selected in the **Ports** sheet of the properties dialog box of the printer driver. (Windows)

If not, select it to enable bidirectional support.

Check 9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings.

Check 10 If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network identifier (SSID). (macOS)

If the problem is not resolved, redo setup.

- For Windows:

  Perform setup using the Setup CD-ROM or from Setup Guide.

- For macOS:

  Perform setup from Setup Guide.

Cannot Find Printer while Using Wired LAN

Check 1 Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.

Check 2 Make sure LAN cable is connected properly.

Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

Check 3 Is icon displayed on touch screen?

If the icon is not displayed, wired LAN is disabled.

If not, select **LAN settings** > **Wired LAN** > **Settings**, and then select **Enable** for **Enable/disable Wired LAN**.

Cannot Print Using AirPrint

Check 1 Make sure printer is turned on.

If the printer is turned on, turn it off and back on, and then check whether the issue is resolved.

Check 2 Make sure printer is registered to your computer.

Check 3 Make sure printer is connected by LAN to same network subnet as AirPrint compliant device when printing over LAN.

Check 4 Make sure printer has enough paper and ink.

Check 5 Make sure no error message is displayed on printer's touch screen.

Installation Problems

- Removing Printer Software
- Taking Time to Setup Process (Windows)
- Failed to Printer Driver Installation (Windows)

Removing Printer Software

Follow the steps below to remove utility software installed on the computer.

Important

- You must log in as an administrator or have administrator permissions.

Note

- See the pages below for how to remove printer drivers.
  - Deleting the Unnecessary Printer Driver (Windows)
  - Delete the Unnecessary Canon IJ Printer from the Printer List (macOS)

Removing the IJ Network Device Setup Utility (Windows)

Follow the steps below to remove the IJ Network Device Setup Utility.

- Windows 10

  1. Click **start**, select **Windows System**, and then select **Control Panel**.
  2. Under **Programs**, select **Programs and Features**, select IJ Network Device Setup Utility from the list of programs, and then click **Uninstall**.

- Windows 8.1

  1. Use the **Settings** charm on the desktop to open the **Control Panel**.
  2. Under **Programs**, select **Programs and Features**, select IJ Network Device Setup Utility from the list of programs, and then click the **Uninstall** button.

- Windows 7

  1. Select **Control Panel** from the **start** menu.
  2. Select **Uninstall a program**.
  3. Select IJ Network Device Setup Utility, and then click the **Uninstall** button.

Note

- If the **User Account Control** dialog box is displayed, click **Yes**.

Removing the IJ Network Device Setup Utility (macOS)

Follow the steps below to remove the IJ Network Device Setup Utility.

1. Select **Applications** from **Go** menu of Finder, double-click **Canon Utilities** > **IJ Network Device Setup Utility**, and then drag **Canon IJ Network Device Setup Utility** icon into **Trash**.

2. Restart computer.

   Empty the **Trash** and restart your computer.

Note

- To reinstall IJ Network Device Setup Utility, uninstall IJ Network Device Setup Utility and install it again from the Canon website.

Taking Time to Setup Process (Windows)

If Windows update starts during setup, or if you perform setup while Windows update is in progress, it may take a while to register the printer or to perform other processes.

Wait for a while. This is not a malfunction.

Failed to Printer Driver Installation (Windows)

- **If installation does not start when you insert Setup CD-ROM:**

  Follow the instructions below to start the installation.

  1. Make the following settings.
     - In Windows 10, click **Start** button > **File Explorer**, and then click **This PC** from list on left.
     - In Windows 8.1, select **Explorer** icon in **Taskbar** on **Desktop**, and then select **This PC** from list on left.
     - In Windows 7, click **Start**, and then click **Computer**.
  2. Double-click the CD-ROM icon in the window that appears.

     If the contents of the CD-ROM appear, double-click **MSETUP4.EXE**.

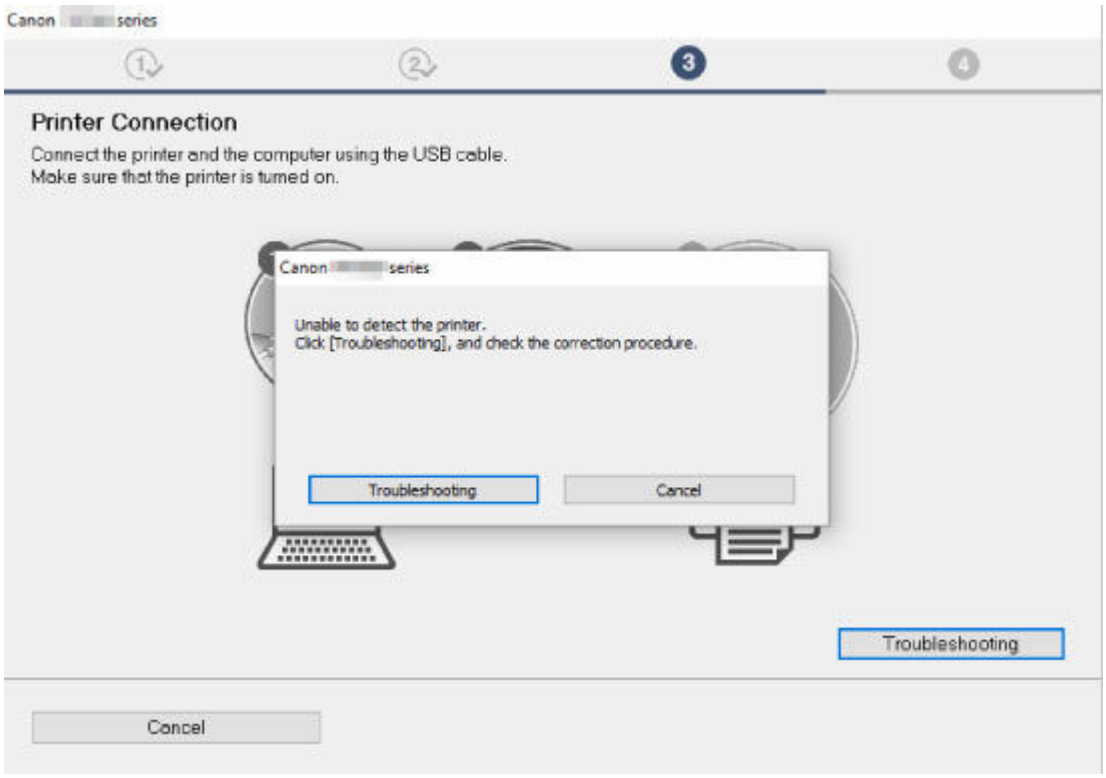
     If you cannot install the printer driver with the Setup CD-ROM, install it from the Canon website.

Note

- If the CD-ROM icon does not appear, try the following:
  - Remove the CD-ROM from your computer and reinsert it.
  - Restart your computer.

  If the icon still does not appear, try a different disc and see if it appears. If it does, there is a problem with the Setup CD-ROM. Contact your nearest Canon service center to request a repair.

- **If you cannot get past the Printer Connection screen:**



➡Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen

- **Other cases:**

  Reinstall the printer driver.

  If the printer driver was not installed correctly, uninstall the printer driver, restart your computer, and then reinstall the printer driver.

  ➡Deleting the Unnecessary Printer Driver

  Reinstall the printer driver with the Setup CD-ROM or install it from the Canon website.

Note

- If the installer was stopped due to a Windows error, Windows operation may be unstable, and you may not be able to install the drivers. Restart your computer and then reinstall the drivers.

Other Problems

- Printer does not turn on
- If the Printer Makes a Strange Sound
- Messages advising to check the maintenance cartridge are not cleared
- Printer consumes a lot of ink
- Printed pages are not collected cleanly in the basket
- Basket Lurches
- When Trim edge first is set, the trimmed paper is drawn into the roll unit
- Ink Level Detection
- Media Type Selection does not Match Loaded Media Type
- Warning Message is Displayed When Performing Color Calibration

Printer does not turn on

Check 1 Is the power cord plugged in?

Plug the power cord into the outlet, and then turn on the printer.

Check 2 Is the specified voltage being supplied?

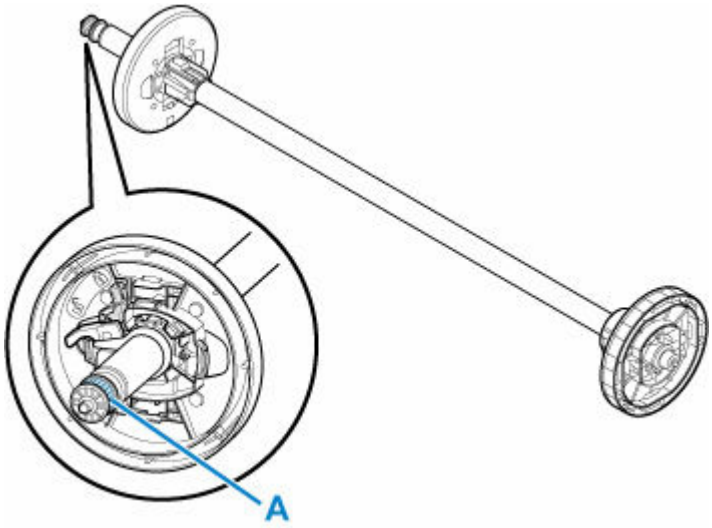
Check the voltage of the outlet and breaker.

➡ Specifications

If the Printer Makes a Strange Sound

Check 1 Has an unusual noise been produced from the vicinity of the roll holder?

If dust accumulates on the gear (A) at the end of the roll holder, a noise may be produced from that area.



When the noise starts, clean the gear with the following procedure.

1. Remove the roll holder from the printer.
2. Wipe the dust off the gear with a damp, tightly wrung cloth, and then dry with a dry cloth.
3. Insert the roll holder in the printer.

Check 2 Operating noise may be heard from the printer even when not printing.

The following sounds do not indicate a problem with the printer.

- A suction sound can be heard from the platen

  To prevent the paper from rising, the surface of the platen has vacuum holes that create suction on the paper.
- Roll paper makes a fluttering sound during printing.

  There may be a fluttering sound when large paper is advanced.
- You suddenly hear the sound of cleaning operations.

  Cleaning is automatically performed at specified intervals in order to keep the printer maintained.
- You suddenly hear the sound of ink agitation.

Ink is automatically agitated after specified intervals to maintain optimal print quality. Agitation takes approximately 1 minute 30 seconds.

Ink is also agitated automatically at the following times. Please note that no other operations can be performed while "Agitating the ink" is on the touch screen.

- After the printer is turned on
- After data transmission
- After ink tank replacement

In other cases, contact your Canon dealer.

Messages advising to check the maintenance cartridge are not cleared

The newly replaced maintenance cartridge is not recognized.

Remove the newly replaced maintenance cartridge, and then reinsert it again firmly.

➡ Replacing the Maintenance Cartridge

Printer consumes a lot of ink

Check 1 Are lots of full-color materials being 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.

Check 2 Is **System Cleaning** being carried out frequently?

System Cleaning uses a lot of ink. This is normal. We recommend that you only carry out **System Cleaning** after the printer has been transported, if it has not been used for a long time, or if there is a problem with the Print head.

Check 3 You have just finished initial installation, when more ink is consumed to fill the system.

If using the printer for the first time, or using it after transport, the ink tank will supply an initial fill of ink to the Print head.

Although the amount of remaining ink may drop as a result, it does not indicate a problem.

Check 4 Is the Print head nozzle blocked?

Check for nozzle clogging.

➡ Checking for Nozzle Clogging

Printed pages are not collected cleanly in the basket

Check 1 Is the roll unit in place?

The basket may not be able to catch printed paper properly if the roll unit is in place.

Refer to Example Basket Configurations and try another basket position.

➡ Example Basket Configurations

Check 2 Is the basket in the right position for the media size?

The optimal basket position depends on factors such as media size and the conditions the printer is being used under.

Refer to Example Basket Configurations and try another basket position.

➡ Example Basket Configurations

Basket Lurches

Make sure a Basket Locking Support is attached to the Basket Arm. The basket may lurch if a force is applied to the one without the Basket Locking Support. To prevent the basket from lurching, attach the Basket Locking Supports to both sides of the Basket Arm.

➡ Using the Basket

When Trim edge first is set, the trimmed paper is drawn into the roll unit

Check Is the basket in position 1?

If the roll unit is being used as a paper feeder and the basket is in position 1, the paper strip discarded by **Trim edge first** for borderless printing or paper loading may get drawn into the roll unit.

In this situation, refer to Example Basket Configurations and try another position.

➡ Example Basket Configurations

Ink Level Detection

The printer ink tank detects the amount of ink remaining to prevent running out of ink while printing and to avoid printer failure.

➡ Ink Tanks

When using an ink tank refilled with ink, the function for detecting the remaining ink level may not operate properly and printing may stop. If you want to use an ink tank refilled with ink, you need to disable the function for detecting the remaining ink level.

Important

- 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.
- Once the function for detecting the remaining ink level is disabled, it cannot be restored for that ink tank. To restore the function for detecting the remaining ink level, replace the ink tank with a new ink tank for that printer.
- Repeatedly removing and inserting the same ink tank can cause the contacts between the ink tank and printer to malfunction, ink may leak from the ink tank, and the printer may become damaged.

Releasing ink level detection

Ink level detection will be deactivated if you load ink tanks once emptied.

If "The above ink tank may be an ink tank that ran out of genuine Canon ink or a counterfeit Canon ink tank." appears on the touch screen, follow the steps below.

1. Move through the screens, performing the actions described in the messages that appear on the touch screen.
2. If an instruction to disable detection of remaining ink appears, touch **Stop** on the printer for at least 5 seconds, and then release it.

   Ink level detection is now released.

Media Type Selection does not Match Loaded Media Type

Check 1 Is this paper being used for the first time?

If this is the first time to use the paper, it may not be selected correctly. In the media type selection, manually select the correct paper type.

Check 2 Is the paper you set genuine paper or recommended paper?

If you want to use a paper that is not in the paper information list, register the media type in the Media Configuration Tool.

- Paper Information List
- Media Configuration Tool Guide

Check 3 Is there any unevenness in the gloss and color of the paper surface?

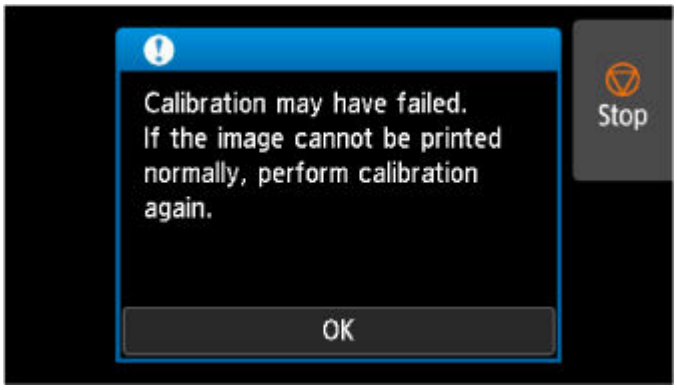
Some media types may not be suitable for paper type estimation. If the paper type is not recognized correctly, manually select the correct paper in the media type selection.

Warning Message is Displayed When Performing Color Calibration

In the following cases, perform color calibration again or create a color calibration target.

- A warning message is displayed when performing color calibration.
- A warning message is displayed when creating a color calibration target.
- An error was seen in the print result when printing on a calibrated sheet.

An example of a warning message



Please check the following:

- The print head nozzles are not blocked.
- The paper is not curled or bent.
- The paper is loaded correctly.
- Paper settings are specified correctly.
- The paper size is compatible with color calibration.

➡ Performing Color Calibration

List of Support Code for Error

Support codes appear on the PC when an error occurs.

Support codes are error identification numbers that appear alongside error messages.

If an error occurs, check the support code and follow the recommended steps to resolve the issue.

Support code displayed

- **1000 to 1ZZZ**

  1005 100A 100B 100E 100F 1012

  1018 1019 1021 1022 1023 1024

  1025 1034 1035 1036 1039 1040

  1051 1052 1054 1056 1057 1058

  1059 1061 1200 1201 1210 1213

  1214 1300 1306 1317 1318 1322

  1323 1324 1325 1326 1327 1328

  1329 1401 1403 1408 1409 140A

  140B 140C 140F 1468 1477 1478

  1480 1481 1485 1492 1494 1495

  1500 1551 1552 1570 1571 1660

  168B 1720 1721 1722 1730 1731

  1752 1753 1756 1757 1875

- **2000 to 2ZZZ**

  2001 2002 2130 2131 2132

- **3000 to 3ZZZ**

  3000 3001 3101 3200 3201 3250

  3306 3311 3312 3313 3314 3315

  3316 3317 3331 3332 3333 3334

  3335 3336 3338 3341 3350 3351

  3352 3414 3415 3416 3417 3418

3419 3420 3421 3422 3423 3424

3448 3451

- **4000 to 4ZZZ**

  4107 4111 4112 4114 4116 4117

  4119 4120 4121 4122 4801 4803

  4804 4805 4806 4900 4901 4903

  4905 4909 4910 4911 4913 4920

  4924 4925 4926 4927 4931 4932

  4933 4934 4935 4950 4951 4952

  4953 4954 4955 4956

- **5000 to 5ZZZ**

  5200 5A60 5A61 5B10 5B16 5B20

  5B21 5C00

- **6000 to 6ZZZ**

  6502 6700 6702 6820 6900 6901

  6902 6910 6911 6920 6921 6930

  6931 6932 6933 6940 6941 6942

  6943 6944 6945 6946

- **7000 to 7ZZZ**

  7050 7051 7052

- **8000 to 8ZZZ**

  8200

- **9000 to 9ZZZ**

  9000 9110

- **A000 to ZZZZ**

  B20A B510

1005

Cause

You have attempted to print on a sheet, but no sheet is loaded.

What to Do

Check the media size and type for the print job on the touch screen, and then tap **OK**.

- **Continuing to print**

  Tap **Load paper**, and then load the paper.

  ➡ Loading and Printing on Sheets

- **Stopping printing**

  To stop printing, tap **Cancel** or **Stop** on the touch screen.

100A

Cause

You have attempted to print from Roll 1 (Upper), but no roll is loaded.

What to Do

Tap **Load paper** on the touch screen, and then load the paper roll and print.

Loading the Upper Roll on the Printer

Note

- To stop printing, tap **Cancel** or **Stop** on the touch screen.

100B

Cause

Tried to print from Roll 2 (Lower) but no paper roll has been loaded.

What to Do

Tap **Load paper** on the touch screen, and then load the paper roll and print.

Loading the Lower Roll on the Roll Unit (Option)

Note

- To stop printing, tap **Cancel** or **Stop** on the touch screen.

100E

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC16-202E

100F

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC17-202F

1012

Cause

You have attempted to print on a sheet, but no sheet is loaded.

What to Do

Tap **Load paper** on the touch screen, and then load cut paper and print.

Loading and Printing on Sheets

Note

- To stop printing, tap **Cancel** or **Stop** on the touch screen.

1018

Cause

Roll 1 (Upper) feeder has not been calibrated.

What to Do

Calibrating, please remove the upper roll holder.

Removing the Upper Roll from the Printer

1019

Cause

The roll unit feeder has not been calibrated.

What to Do

Calibrating, please remove the roll holder on the roll unit.

➡ Removing the Lower Roll from the Roll Unit (Option)

1021

Cause

The printer has received a print job longer than the amount of roll paper left.

What to Do

- **Continuing to print**

  To continue printing, tap **Print with the loaded paper.** on the touch screen.

  However, the roll paper may run out during the print job and you may not be able to print all of the document.

- **Replacing paper**

  Tap **Replace the paper and print** and print on the touch screen.

  Change the **Paper Source** in the printer driver, or replace the paper with paper of the right length for the print job, and then try again.

  If using the Media Take-up Unit, tap **Cancel** on the touch screen to stop printing.

  Remove the printed paper from the Media Take-up Unit, replace the paper with paper of the right length for the print job, and then try again.

  ➡ Removing the Upper Roll from the Printer
  ➡ Loading the Upper Roll on the Printer
  ➡ Removing Printed Paper from the Roll Unit

- **Stopping printing**

  To stop printing, tap **Cancel** or **Stop** on the touch screen.

1022

Cause

Received print job that is longer than paper length remaining on Roll 1 (Upper).

What to Do

- **Continuing to print**

  To continue printing, tap **Print with the loaded paper.** on the touch screen.

  However, the roll paper may run out during the print job and you may not be able to print all of the document.

- **Replacing paper**

  Tap **Replace the paper and print** on the touch screen.

  Change the **Paper Source** in the printer driver, or replace the paper with paper of the right length for the print job, and then try again.

  ➡ Removing the Upper Roll from the Printer
  ➡ Loading the Upper Roll on the Printer

- **Stopping printing**

  To stop printing, tap **Cancel** or **Stop** on the touch screen.

1023

Cause

Received print job that is longer than paper length remaining on Roll 2 (Lower).

What to Do

- **Continuing to print**

  To continue printing, tap **Print with the loaded paper.** on the touch screen.

  However, the roll paper may run out during the print job and you may not be able to print all of the document.

- **Replacing paper**

  Tap **Replace the paper and print** on the touch screen.

  Change the **Paper Source** in the printer driver, or replace the paper with paper of the right length for the print job, and then try again.

  ➡ Removing the Lower Roll from the Roll Unit (Option)
  ➡ Loading the Lower Roll on the Roll Unit (Option)

- **Stopping printing**

  To stop printing, tap **Cancel** or **Stop** on the touch screen.

1024

Cause

Possible causes include the following.

- Roll paper is empty in Roll 1 (Upper).
- There is remaining roll paper in Roll 1 (Upper), but because it could not be advanced, it could not be detected.

What to Do

- **The roll paper has run out**

  Follow the steps below to replace the used roll with a new roll of the same type and size.

  1. Lift up the release lever and remove the roll paper.

     ➡ Removing the Upper Roll from the Printer

  2. Load the new roll.

     ➡ Loading the Upper Roll on the Printer

  3. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

     Printing will resume, starting from the page on which the error occurred.

- **Feed stopped because the end of the paper roll is attached to the core with tape**

  Remove the used roll paper and insert a new roll paper.

  ➡ Removing the Upper Roll from the Printer
  ➡ Loading and Printing on Rolls

- **Feed stopped because the remaining paper roll is too heavy**

  It may be helpful to change the printing mode, which will change the paper feed timing.

  If using Windows, select a higher **Print Quality** setting under **Advanced Settings** in the printer driver.

  If using macOS, select **Quality & Media** in the printer driver, and then select a higher **Print Quality** setting.

  ➡ Setting the Print Quality Level (Custom) (Windows)
  ➡ Setting the Print Quality Level (Custom) (macOS)

Note

- To stop printing, tap **Stop**.

1025

Cause

Roll paper in Roll 2 (Lower) is empty.

What to Do

Follow the steps below to replace the used roll with a new roll of the same type and size.

1. Lift up the release lever and remove the roll paper.

   ➡ Removing the Lower Roll from the Roll Unit (Option)

2. Load the new roll.

   ➡ Loading the Lower Roll on the Roll Unit (Option)

3. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

   Printing will resume, starting from the page on which the error occurred.

Note

- To stop printing, tap **Stop**.

1034

Cause

No upper roll is loaded in printer.

What to Do

- **Continuing to print**

  Load an upper roll in the printer and print.

  If an upper roll is loaded in the printer, feed the roll paper manually.

  ➡ Loading the Upper Roll on the Printer

- **Stopping printing**

  To stop printing, tap **OK** on the touch screen.

Note

- When **Roll paper auto feed** is set to **Disable**, roll paper is not fed automatically. Check the settings.

1035

Cause

No lower roll is loaded in roll unit.

What to Do

- **Continuing to print**

  Load a lower roll in the roll unit and print.

  If a lower roll is loaded in the roll unit, feed the roll paper manually.

  ➡ Loading the Lower Roll on the Roll Unit (Option)

- **Stopping printing**

  To stop printing, tap **OK** on the touch screen.

Note

- When **Roll paper auto feed** is set to **Disable**, roll paper is not fed automatically. Check the settings.

1036

Cause

Printer tried printing from Roll 2 (Lower), but optional roll unit is not installed in lower position of printer.

What to Do

Check if the roll unit is properly installed on the printer following the steps below.

1. Tap **OK** on the touch screen to stop printing.
2. Turn off the power and make sure the roll unit is properly installed on the printer.

Note

- For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.
- Make sure the roll unit's connection cable is inserted all the way in.

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

1039

Cause

Unsupported roll unit is installed on printer.

What to Do

Turn off the power and remove the roll unit.

Check the model number of the roll unit. Install a roll unit supported by the printer.

Roll Unit

Note

- For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

1040

Cause

Unsupported roll unit is installed on printer.

What to Do

Turn off the power and remove the roll unit.

Check the model number of the roll unit. Install a roll unit supported by the printer.

Roll Unit

Note

- For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

1051

Cause

The media type specified in the printer driver is not the same as the media type loaded in the printer.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1052

Cause

The width of the roll paper set in **Fit Roll Paper Width** in the printer driver is not the same as the width of the roll paper loaded in the printer.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1054

Cause

The paper in the printer is smaller than the paper size set in the printer driver.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1056

Cause

The paper position is not suitable for borderless printing.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1057

Cause

The paper position is not suitable for borderless printing.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1058

Cause

Roll paper in Roll 1 (Upper) has almost run out.

What to Do

Printing will continue. Replace the upper roll in the printer with one that has enough paper for printing as soon as possible.

- Removing the Upper Roll from the Printer
- Loading the Upper Roll on the Printer

Note

- To stop printing, tap **Stop**.

1059

Cause

Roll paper in Roll 2 (Lower) has almost run out.

What to Do

Printing will continue. Replace the lower roll in the roll unit with one that has enough paper for printing as soon as possible.

- Removing the Lower Roll from the Roll Unit (Option)
- Loading the Lower Roll on the Roll Unit (Option)

Note

- To stop printing, tap **Stop**.

1061

Cause

The media type specified in the print job is not the same as the media type loaded in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the displayed media type and size, and tap **OK**.

- **Printing again according to the media type**

  Follow the steps below to match the media type in the print job and the media type loaded in the printer.

  - **Changing the media type in the print job**

    1. Tap **Cancel** to stop printing.
    2. Change the media type in the print job settings to the media type loaded in the printer, and then try again.

       ➡ Loading and Printing on Rolls
       ➡ Loading and Printing on Sheets

  - **Replacing paper**

    1. Tap **Replace the paper and print**.
    2. Load the paper with the media type specified in the print job, and then try again.

       ➡ Loading and Printing on Rolls
       ➡ Loading and Printing on Sheets

- **Printing with the current print settings**

  To continue printing, tap **Print with the loaded paper.** on the touch screen.

  However, note that this error may cause paper jams and affect the printing quality.

1200

Cause

Top cover or print head lock lever is open.

What to Do

Open the top cover and make sure the print head lock lever is closed properly.

Make sure there are no foreign objects caught in the top cover, and then close the top cover.

If this error appears again, close the top cover, turn the power off, wait a moment, and then turn the power back on.

Note

- If installing a print head, close the top cover after finishing.

1201

Cause

The ink tank cover is open.

What to Do

Close the ink tank cover.

1210

Cause

The ink tank cover is open.

What to Do

Close the ink tank cover.

1213

Cause

Release lever is lifted up.

What to Do

Lower the release lever.

If the error occurs again, turn off the printer and wait a while before restoring power.

1214

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC19-2F21 EC51-2F38

1300

Cause

Paper jammed inside the printer while printing.

What to Do

Follow these steps below to remove jammed paper.

1. Lift up the release lever and remove the jammed paper.
   - Remove Jammed Roll Paper
   - Remove a Jammed Sheet
2. Load the paper.
   - Loading the Upper Roll on the Printer
   - Loading the Lower Roll on the Roll Unit (Option)
   - Loading Sheets in the Printer
3. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

   Printing will resume, starting from the page on which the error occurred.

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

1306

Cause

A print job for rolls was received when a sheet is loaded.

What to Do

Follow these steps to load and print on a roll.

1. To remove the cut paper, tap **Remove paper** on the touch screen.
   - Removing Sheets
2. Load a new roll.
   - Loading the Upper Roll on the Printer
   - Loading the Lower Roll on the Roll Unit (Option)

Note

- To stop printing, tap **Cancel** or **Stop** on the touch screen.

1317

Cause

Paper loaded crooked was detected when the paper was advanced.

What to Do

Lift up the release lever and reload the paper.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

If this error appears again even after reloading the paper roll, remove the roll holder from the printer, insert the paper roll firmly into the roll holder until it is up against the flange, and then insert the roll holder into the printer.

- Loading Rolls on the Roll Holder

Important

- If this message continues to appear even after taking the steps above, or if you do not want this message to appear, set **Skew detection accuracy** in the printer menu to **OFF** or **Loose**. However, note that the paper will be printed skewed, which could cause paper jams and abnormal print results, or dirty the platen and the reverse of the next printed sheet.

1318

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC0F-2F93

1322

Cause

Cannot detect paper size because paper is not in the correct position or because curled paper has been loaded.

What to Do

Lift up the release lever and reload the paper.

- Loading the Upper Roll on the Printer
- Loading the Lower Roll on the Roll Unit (Option)
- Loading Sheets in the Printer

If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

Printing will resume, starting from the page on which the error occurred.

Note

- If this error appears again even after reloading the paper roll, remove the roll holder from the printer, insert the paper roll firmly into the roll holder until it is up against the flange, and then insert the roll holder into the printer.
  - Loading Rolls on the Roll Holder
- This error might also appear if the platen has been dirtied by ink or another substance, or if the size of clear film could not be detected. In this case, open the top cover and clean the entire platen area.
  - Cleaning Inside the Top Cover

1323

Cause

An unsuitable paper size has been loaded.

What to Do

Lift up the release lever and reload paper of suitable size.

Paper Sizes

Note

- Load unused A4/letter size or larger paper if printing calibration and nozzle check patterns. Each calibration may take several sheets of paper.

1324

Cause

A print job for printing on sheets was sent when a roll is loaded.

What to Do

Follow the steps below to print again.

1. Tap **Remove paper** on the touch screen to stop printing.
2. Remove the paper roll, load cut paper of the size and type specified in the printer driver, and then try again.

   - Removing the Upper Roll from the Printer
   - Removing the Lower Roll from the Roll Unit (Option)
   - Loading and Printing on Sheets

Note

- To stop printing, tap **Cancel** or **Stop** on the touch screen.

1325

Cause

Received cut paper print data when using roll unit on Media Take-up Unit.

What to Do

Follow the steps below to print again.

1. Tap **Cancel** on the touch screen to stop printing.
2. Remove the paper roll, load cut paper of the size and type specified in the printer driver, and then try again.

   - Removing Printed Paper from the Roll Unit
   - Loading and Printing on Sheets

1326

Cause

Printer could not feed upper roll.

What to Do

Fully rewind the upper roll in the printer manually, check the following, and then tap **OK** on the touch screen.

- Is the edge of the roll paper at a slant or folded?

  If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

- Is the roll paper loaded in the opposite orientation?

  Load the roll paper in correct orientation.

- Is the roll paper loose?

  If the roll paper is loose, remove the slack before loading the roll paper.

- Is the paper wrinkled or curled?

  If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed the paper manually.

➡ Loading the Upper Roll on the Printer

1327

Cause

Printer could not feed roll paper from roll unit (lower).

What to Do

Fully rewind the roll paper in the roll unit (lower) manually, check the following, and then tap **OK** on the touch screen.

- Is the edge of the roll paper at a slant or folded?

  If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

- Is the roll paper loaded in the opposite orientation?

  Load the roll paper in correct orientation.

- Is the roll paper loose?

  If the roll paper is loose, remove the slack before loading the roll paper.

- Is the paper wrinkled or curled?

  If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed the paper manually.

➡ Loading the Lower Roll on the Roll Unit (Option)

1328

Cause

Upper roll jammed.

What to Do

Fully rewind the upper roll in the printer manually, check the following, and then tap **OK** on the touch screen.

- Is the edge of the roll paper at a slant or folded?

  If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

- Is the roll paper loaded in the opposite orientation?

  Load the roll paper in correct orientation.

- Is the roll paper loose?

  If the roll paper is loose, remove the slack before loading the roll paper.

- Is the paper wrinkled or curled?

  If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed paper manually.

➡ Loading the Upper Roll on the Printer

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

1329

Cause

Roll paper jammed in roll unit (lower).

What to Do

Fully rewind the roll paper in the roll unit (lower) manually, check the following, and then tap **OK** on the touch screen.

- Is the edge of the roll paper at a slant or folded?

  If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

- Is the roll paper loaded in the opposite orientation?

  Load the roll paper in correct orientation.

- Is the roll paper loose?

  If the roll paper is loose, remove the slack before loading the roll paper.

- Is the paper wrinkled or curled?

  If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed paper manually.

➡ Loading the Lower Roll on the Roll Unit (Option)

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

1401

Cause

Failed to recognize print head.

What to Do

Open the top cover and reattach the print head.

Replacing the Print Head

1403

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1408

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1409

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

140A

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

140B

Cause

Failed to recognize print head.

What to Do

Open the top cover and reattach the print head.

Replacing the Print Head

140C

Cause

There is a problem with the print head.

What to Do

Turn off the power, wait a moment, and then turn it back on.

140F

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1468

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC55-2F24

1477

Cause

There is a problem with the print head.

What to Do

Open the top cover and replace the print head with a new one.

Replacing the Print Head

1478

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1480

Cause

The attached print head was previously used in a different model.

What to Do

Attach the correct print head.

Replacing the Print Head

1481

Cause

The attached print head was previously used in a model that uses a different ink set.

What to Do

Attach the correct print head.

Replacing the Print Head

1485

Cause

Cannot use attached print head.

What to Do

Attach the correct print head.

Replacing the Print Head

1492

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC21-2F44 EC3F-2F40 EC3F-2F41

1494

Cause

There may be a problem with the print head.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, remove and reattach the print head.

➡ Replacing the Print Head

If that does not get rid of the error, replace the print head with a new one.

1495

Cause

The print head nozzle is blocked.

What to Do

Follow the steps below to clean the print head.

1. Tap **Cancel** on the touch screen to stop printing.
2. Clean the print head.

➡ Cleaning the Print Head

If this message still appears when printing, replace the print head.

➡ Replacing the Print Head

Important

- To continue printing, use the touch screen and tap **Continue printing**. However, the print results may not be satisfactory.

1500

Cause

The ink in the ink tank is running low.

What to Do

Prepare a new ink tank.

1551

Cause

A genuine Canon ink tank with a history of past use has been detected.

What to Do

To dismiss the message, tap **OK** on the touch screen.

1552

Cause

A genuine Canon ink tank has been inserted.

What to Do

To dismiss the message, tap **OK** on the touch screen.

1570

Cause

The ink in the ink tank has run out.

What to Do

Open the ink tank cover, and then replace the ink tank before the ink in the sub-ink tank of this printer becomes insufficient.

Replacing Ink Tanks

Note

- You can replace the ink tank even while printing.

1571

Cause

Ink tank removed during printing.

What to Do

If replacing the ink tank, insert a new ink tank.

Replacing Ink Tanks

1660

Cause

Ink tank not inserted.

What to Do

Insert the ink tank correctly.

Replacing Ink Tanks

168B

Cause

The ink tank cannot be recognized.

Printing cannot be executed because the ink tank may not be compatible with this printer.

What to Do

Install the appropriate ink tank.

1720

Cause

The maintenance cartridge is full.

It needs to be replaced.

What to Do

Replace the maintenance cartridge.

➡ Replacing the Maintenance Cartridge

1721

Cause

The maintenance cartridge is not installed.

What to Do

Install the maintenance cartridge.

➡ Replacing the Maintenance Cartridge

1722

Cause

Incorrect type of maintenance cartridge.

What to Do

Insert the correct maintenance cartridge.

➡ Replacing the Maintenance Cartridge

If this error continues to appear, contact a Canon customer service center.

1730

Cause

The ink tank may be an ink tank that ran out of genuine Canon ink or a counterfeit Canon ink tank.

What to Do

To print, you must replace the ink tank or disable the function for detecting the remaining ink level.

➡ Replacing Ink Tanks

To disable the function for detecting the remaining ink level, touch **Stop** on the printer for at least 5 seconds, and then release it.

By this operation, the fact that you have disabled the function for detecting the remaining ink level will be memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition or by using refilled ink tanks.

Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

To report the counterfeit ink tank, access Canon website from the following link.

➡ Report Counterfeit

1731

Cause

Non-genuine Canon ink tank has been detected.

What to Do

To print, you must replace the ink tank or disable the function for detecting the remaining ink level.

➡ Replacing Ink Tanks

To disable the function for detecting the remaining ink level, touch **Stop** on the printer for at least 5 seconds, and then release it.

By this operation, the fact that you have disabled the function for detecting the remaining ink level will be memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by using a non-genuine Canon ink tank.

Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

To report the counterfeit ink tank, access Canon website from the following link.

➡ Report Counterfeit

1752

Cause

The ink has run out.

What to Do

Open the ink tank cover, and then replace the ink tank.

Replacing Ink Tanks

1753

Cause

The remaining level of the ink cannot be correctly detected.

What to Do

Replace the ink tank. Printing will restart.

Replacing Ink Tanks

An ink tank that was once empty is installed.

If you want to continue printing, you need to disable the function for detecting the remaining ink level.

To disable this function, touch **Stop** on the printer for at least 5 seconds, and then release it.

With this operation, disabling the function for detecting the remaining ink level is memorized.

Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition or by using refilled ink tanks.

1756

Cause

The ink may become insufficient.

What to Do

To perform the next process or to continue the specified process, replace the ink tank.

Replacing Ink Tanks

1757

Cause

Cannot fill sub ink tank.

What to Do

Check the touch screen, remove the ink tank for the affected color, and then reinsert it.

If the inserted ink tank is empty, replace it with a new ink tank.

Replacing Ink Tanks

1875

Cause

Attempted to print on roll unit roll paper, but roll unit is not powered on or has been removed.

What to Do

Turn off the power and check the connection with the roll unit.

For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.

2001

Cause

An incompatible device is connected.

What to Do

Check the device connected to the USB flash drive port.

Only USB flash drive can be connected to this device for direct printing.

2002

Cause

An incompatible USB hub is connected.

What to Do

If USB flash drive is connected to this device through a USB hub, remove the USB hub.

Connect the USB flash drive directly to this device.

2130

Cause

The roll paper width set in the print job is not the same as the width of the roll paper in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Stopping printing**

  Tap **Cancel** or **Stop** on the touch screen.

- **Replacing the roll paper**

  Follow the steps below to replace the paper with roll paper of the width set in the printer driver.

  1. Tap **Replace the paper and print**, then remove the roll paper.

     ➡ Removing the Upper Roll from the Printer
     ➡ Removing the Lower Roll from the Roll Unit (Option)

  2. Replace the paper with paper of the width set in the printer driver.

     ➡ Loading the Upper Roll on the Printer
     ➡ Loading the Lower Roll on the Roll Unit (Option)

     Printing begins.

- **Printing without changes**

  Tap **Print with the loaded paper.**.

  However, note that this error may cause paper jams and affect the printing quality.

Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.
- To suppress this message, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**. However, note that this error may affect the printing quality.

  ➡ Menu Structure

2131

Cause

The roll paper loaded in the printer is narrower than the roll paper width in the print job.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Stopping printing**

  Tap **Cancel** or **Stop** on the touch screen.

- **Replacing the roll paper**

  Follow the steps below to replace the paper with roll paper of the width specified in the print job paper size settings.

  1. Tap **Replace the paper and print**, then remove the roll paper.

     ➡ Removing the Upper Roll from the Printer
     ➡ Removing the Lower Roll from the Roll Unit (Option)

  2. Replace the paper with paper of the width set in the printer driver.

     ➡ Loading the Upper Roll on the Printer
     ➡ Loading the Lower Roll on the Roll Unit (Option)

     Printing begins.

- **Printing without changes**

  Tap **Print with the loaded paper.**.

  However, note that this error may cause paper jams and affect the printing quality.

Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.
- To suppress this message, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**. However, note that this error may affect the printing quality.

  ➡ Menu Structure

2132

Cause

Cannot print internal printer data, such as test prints, for the following reasons.

- The paper roll loaded in the printer is too small.
- The cut paper loaded in the printer is the wrong size or type.

What to Do

- **Roll**

  Tap **Replace the paper and print** on the touch screen, or lift up the release lever and replace the paper with paper of the correct size.

  To stop printing, tap **Cancel** or **Stop** on the touch screen.

- **Sheet**

  Lift up the release lever and load paper of the same size and type as the first page.

  To stop printing, tap **Stop**.

3000

Cause

The print head has not been calibrated.

What to Do

Print Head Alignment is recommended.

Adjusting the Print Head

Note

- This message will appear until **Print Head Alignment** is carried out.

3001

Cause

The print head nozzle is becoming blocked.

What to Do

Check the printed materials.

If the printed materials are scratched, clean the print head.

➡ Cleaning the Print Head

3101

Cause

Common calibration or unique calibration is now recommended.

This message appears when the **Calibration guide settings** is set to **Enable** and any of the following apply.

- The printer is loaded with a media type not suitable for **Color calibration**, and the specified conditions have been met since the last time common calibration was carried out.
- The printer is loaded with a media type suitable for **Color calibration**, but there are no **Color calibration** results for that media type and the specified conditions have been met since the last time common calibration was carried out.
- The printer is loaded with a media type suitable for **Color calibration**, but there are no **Color calibration** results for that media type and also no common calibration results.

What to Do

Carry out common calibration as needed.

➡ Performing Color Calibration

Note

- To suppress this message, set the **Calibration guide settings** in the touch screen menu to **Disable**.

  ➡ Menu Structure

3200

Cause

It is almost time to replace consumables for which service is required.

What to Do

This can used for a little while, until the message "**A part needs to be replaced.**" appears.

Contact your Canon dealer for assistance.

3201

Cause

It is past the recommended time to replace consumables for which service is required.

What to Do

Contact your Canon dealer for assistance.

3250

Cause

The maintenance cartridge is almost full.

What to Do

Prepare a new maintenance cartridge because an error may occur if you continue to use the printer while the maintenance cartridge is full.

➡ Replacing the Maintenance Cartridge

3306

Cause

Media information cannot be recognized because the printer media information is corrupt.

What to Do

Start the Media Configuration Tool, and then recover the media information.

➡ Media Configuration Tool Guide

To set the Media Configuration Tool to recovery mode, open the Media Configuration Tool, select this device and then click **OK**.

Select and load the media information backup file.

If you do not have a media information backup file, contact a Canon customer service center.

3311

Cause

Incorrect print data.

Illegal number of parameters.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3312

Cause

Incorrect print data.

Required items have been omitted.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3313

Cause

Incorrect print data.

Data out of range.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3314

Cause

Incorrect print data.

Resolution value out of range.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3315

Cause

Incorrect print data.

Compression method value out of range.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3316

Cause

Incorrect print data.

Incorrect data formatting (color sequence, bit count).

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3317

Cause

Incorrect print data.

Illegal combination of resolution and image data format.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3331

Cause

Print results may be abnormal as there is a large volume of print data.

What to Do

Check the print job.

3332

Cause

Unsupported JPEG data format.

What to Do

Check the JPEG data.

Printable file formats are as follows.

- **Files which conforms to JFIF 1.02**
  - Processing method: Basic DCT
  - Color mode: RGB/GrayScale
  - Number of colors: 24bit/8bit
  - Number of pixels: 38400 or less vertically and horizontally

* Does not support some samplings.

3333

Cause

Unsupported JPEG data format.

What to Do

Check the JPEG data.

Printable file formats are as follows.

- **Files which conforms to JFIF 1.02**
  - Processing method: Basic DCT
  - Color mode: RGB/GrayScale
  - Number of colors: 24bit/8bit
  - Number of pixels: 38400 or less vertically and horizontally

* Does not support some samplings.

3334

Cause

PDF data is print protected.

What to Do

Open the PDF file in Adobe Acrobat and make sure it can be printed.

3335

Cause

Corrupt PDF file.

What to Do

Open the PDF file in Adobe Acrobat and check it.

The file can also be printed from Acrobat.

3336

Cause

Too many fonts are used in the PDF file, causing a memory shortage.

Printing will continue but some incorrect characters will be printed.

What to Do

Print the PDF file from a computer or convert the PDF file to JPEG and then print it.

3338

Cause

Resolution of JPEG data and printer settings are mismatched.

What to Do

Check the print results.

When the print results have problems, print using a printer driver.

3341

Cause

Print data including the image processing table was sent.

What to Do

Print data that includes the image processing table cannot be printed.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3350

Cause

Free space on the personal box on the printer hard disk is running low.

What to Do

Delete unneeded jobs stored in personal boxes.

Deleting Saved Jobs

3351

Cause

100 jobs are stored in the personal box.

What to Do

Delete any unneeded jobs saved in the personal box.

➡ Deleting Saved Jobs

3352

Cause

The printer hard disk is full, so the job will only be printed.

(The print job will not be saved to the hard disk.)

What to Do

To save the print job, delete any unneeded jobs saved in the personal box.

Deleting Saved Jobs

3414

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the address and port numbers of the sending mail server (SMTP server) are correct in the Remote UI mail server settings.

Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3415

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the address and port numbers of the receiving mail server (POP3 server) are correct in the Remote UI mail server settings.

Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3416

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the mail server and device secure connection (SSL) settings match.

Check the secure connection (SSL) settings in **Remote UI**.

Setting Mail Server

Contact the mail server administrator to configure a secure connection (SSL) to the mail server.

3417

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the mail server and device secure connection (SSL) settings match.

Check the secure connection (SSL) settings in **Remote UI**.

➡ Setting Mail Server

Contact the mail server administrator to configure a secure connection (SSL) to the mail server.

3418

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the sending mail server (SMTP server) is correctly configured in the Remote UI mail server settings.

Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3419

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the sending account and password are correctly configured in the Remote UI mail server settings.

Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3420

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the receiving mail server (POP3 server) is correctly configured in the Remote UI mail server settings.

Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3421

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the receiving account and password are correctly configured in the Remote UI mail server settings.

Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3422

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the settings on the mail server and the APOP settings on this device match.

Check this device's APOP settings in **Remote UI**.

Setting Mail Server

Contact the mail server administrator for configuring APOP on the mail server.

3423

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check if the Remote UI mail server settings are correct.

Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3424

Cause

Sending mail failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Specify the correct destination mail address and try again.

3448

Cause

IP address is conflicting.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check the network configuration and change the network configuration to prevent a conflict with other network devices.

For details on changing the network configuration, refer to the documentation for your network device.

3451

Cause

Failed to communicate with the monitoring service center.

What to Do

Check the network connection and perform a communication test.

For details on changing the network configuration, refer to the documentation for your network device.

4107

Cause

Possible causes include the following.

- Received print job for Roll 1 (Upper) while Roll 2 (Lower) is in use.
- Received print job for Roll 2 (Lower) while Roll 1 (Upper) is in use.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Remove the printed matter, and then try again.

4111

Cause

The media type specified is incompatible with this device.

What to Do

Tap **Stop** on the touch screen to stop printing.

Check the media type settings, and then try again.

4112

Cause

Received a print job specifying paper feed from the roll unit, but the roll unit use setting is not set to paper feed.

What to Do

To stop printing, tap **OK** or **Stop** on the touch screen.

Check the roll unit settings, and then try again.

➡ Switching Roll Unit Modes

4114

Cause

The paper position is not suitable for borderless printing.

What to Do

Tap **OK** on the touch screen, then reload the paper.

Insert the roll paper firmly until it is against the roll holder flange.

➡ Loading Rolls on the Roll Holder

4116

Cause

The paper is loaded askew.

What to Do

- **Reloading paper**

  Tap **Replace the paper and print** on the touch screen, then reload the paper.

  ➡ Loading the Upper Roll on the Printer
  ➡ Loading the Lower Roll on the Roll Unit (Option)

  Insert the roll paper firmly until it is against the roll holder flange.

  ➡ Loading Rolls on the Roll Holder

- **Printing with the loaded paper**

  Tap **Print with the loaded paper.** on the touch screen.

  Paper is printed borderless with the document width set slightly smaller than the paper.

- **Stopping printing**

  Tap **Cancel** on the touch screen to stop printing.

Note

- To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

  However, note that this error may affect the printing quality.

4117

Cause

The print job received contains settings not compatible with borderless printing.

What to Do

- **Changing the print job settings**

  Follow these steps to change the settings of the print job to enable borderless printing.

  1. Tap **Cancel** on the touch screen to stop printing.
  2. Check that the paper source is set to Roll Paper in your application.
  3. Check that banner printing is not set, and then try again.

     See the media information list for media types compatible with borderless printing.

     ➡ Paper Information List

- **Printing with a border**

  Tap **Print with border** on the touch screen.

  Printing with a border is now enabled.

Note

- To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

  However, note that this error may affect the printing quality.

4119

Cause

Cannot print borderless because the paper is out of position.

What to Do

- **Reloading paper**

  Lift up the release lever and reload the roll paper.

  - Loading the Upper Roll on the Printer
  - Loading the Lower Roll on the Roll Unit (Option)

- **Printing with the loaded paper**

  Tap **Print with the loaded paper.** on the touch screen.

  Paper is printed borderless with the document width set slightly smaller than the paper.

- **Stopping printing**

  Tap **Cancel** on the touch screen to stop printing.

4120

Cause

The print job received specifies a type or width of paper that is not compatible with borderless printing.

What to Do

- **Changing the print job settings**

  Follow these steps to change the settings of the print job to enable borderless printing.

  1. Tap **Cancel** on the touch screen to stop printing.
  2. Check that the printer driver for the printer has been selected, and then try again.

     See the media information list for media types compatible with borderless printing.

     ➡ Paper Information List

- **Printing with a border**

  Tap **Print with border** on the touch screen.

  Printing with a border is now enabled.

Note

- To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

  However, note that this error may affect the printing quality.

4121

Cause

Cannot print borderless for the following reasons.

- **Fit Roll Paper Width** is not specified in the printer driver.
- Roll paper is not wide enough, or the paper is out of position.

What to Do

- **Stopping printing**

  Tap **Cancel** on the touch screen to stop printing.

- **Printing with the loaded paper**

  Tap **Print with the loaded paper.** on the touch screen.

  Paper is printed borderless with the document width set slightly smaller than the paper.

4122

Cause

The media type in the printer cannot be printed borderless.

What to Do

Tap **Cancel** on the touch screen to stop printing.

Note

- See the media information list for media types compatible with borderless printing.

  ➡ Paper Information List

4801

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC01-2F90 EC01-2F95 EC04-2F31 EC04-2F91 EC05-2F92 EC06-2F9A EC06-2F9B EC06-2F9C EC07-2F19 EC0F-2F96 EC11-2F2A EC12-2F29 EC12-2F2B EC12-2F2C EC13-2F17 EC15-2E23 EC16-2021 EC16-2022 EC16-2027 EC16-202A EC16-2038 EC17-2023 EC17-2024 EC17-2028 EC17-2029 EC17-2039 EC1B-2030 EC1B-2031 EC1B-2032 EC1B-2033 EC1C-2034 EC1C-2035 EC1C-2036 EC1C-2037 EC21-2F51 EC21-2F54 EC21-2F57 EC21-2F59 EC21-2F5B EC21-2F5D EC21-2F61 EC21-2F67 EC21-2F68 EC21-2F6E EC21-2F70 EC21-2F71 EC21-2F72 EC21-2F7D EC22-2F30 EC22-2F47 EC23-260E EC23-2F11 EC23-2F18 EC23-2F32 EC25-2F16 EC31-2F09 EC31-2F10 EC31-2F1B EC31-2F1C EC31-2F1D EC31-2F1E EC31-2F1F EC31-2F22 EC31-2F23 EC31-2F94 EC33-2601 EC33-2604 EC33-2F3A EC33-2F3E EC34-2602 EC34-2605 EC34-2F3B EC35-2603 EC35-2606 EC35-2F3C EC51-2F14 EC51-2F15 EC51-2FDD EC51-2FDE EC51-2FDF EC51-3301 EC51-3302 EC51-3303 EC54-290A EC54-290D EC54-2910 EC54-2911 EC54-2912 EC54-2913 EC54-2914 EC55-2F20 EC58-2F12

4803

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC51-203C

4804

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC17-203D

4805

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC1D-2050

4806

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC1E-2053

4900

Cause

The printer hard disk is full.

What to Do

tap **Stop** to stop printing, and then take the following action.

- Cancel the print job in the job queue.

  ➡ Deleting Print Jobs

- Delete unneeded jobs stored in personal boxes.

  ➡ Deleting Saved Jobs

4901

Cause

The printer hard disk has not been formatted.

What to Do

Tap **OK** on the touch screen to begin formatting the hard disk.

When formatting is complete, the data on the hard disc will be erased and the printer will automatically restart.

4903

Cause

The maximum number of jobs have been saved in the box.

What to Do

Take the actions below.

- Cancel the print job in the job queue.

  ➡ Deleting Print Jobs

- Delete unneeded jobs stored in personal boxes.

  ➡ Deleting Saved Jobs

Note

- To stop printing, tap **Stop**.

4905

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC51-3304 EC51-3306 EC51-3307 EC51-3308 EC51-3309 EC51-330A

4909

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC54-290C

4910

Cause

The width of the roll paper set in **Fit Roll Paper Width** in the printer driver is not the same as the width of the roll paper loaded in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Stopping printing**

  Tap **Cancel** or **Stop** on the touch screen.

- **Replacing the roll paper**

  Follow the steps below to replace the paper with roll paper of the width set in the printer driver.

  1. Tap **Replace the paper and print**, then remove the roll paper.

     - Removing the Upper Roll from the Printer
     - Removing the Lower Roll from the Roll Unit (Option)

  2. Replace the paper with paper of the width set in the printer driver.

     - Loading the Upper Roll on the Printer
     - Loading the Lower Roll on the Roll Unit (Option)

     Printing begins.

- **Printing without changes**

  Tap **Print with the loaded paper.**.

  However, note that this error may cause paper jams and affect the printing quality.

Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.

4911

Cause

The media type specified in the printer driver is not the same as the media type loaded in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Changing the printer driver print settings**

  Follow the steps below to match the media type in the printer driver and the media type specified for the printer.

  1. Tap **Cancel** on the touch screen to stop printing.
  2. Change the media type in the printer driver settings to the media type loaded in the printer, and then try again.

- **Replacing paper**

  Follow the steps below to match the media type in the printer driver and the media type specified for the printer.

  1. Tap **Replace the paper and print** on the touch screen to stop printing.
  2. Load the paper with the media type set in the printer driver, and then try again.

     ➡ Loading and Printing on Rolls
     ➡ Loading and Printing on Sheets

- **Printing without changes**

  To continue printing, tap **Print with the loaded paper.** on the touch screen.

  However, note that this error may cause paper jams and affect the printing quality.

4913

Cause

Cannot print borderless for one of the following reasons.

- The paper size in the printer cannot be printed borderless.
- The paper is loaded askew.

What to Do

- **Replacing paper**

  Follow the steps below to replace the printer paper with paper that can be printed borderless.

  1. Tap **Replace the paper and print** on the touch screen, then remove the roll paper.

     ➡ Removing the Upper Roll from the Printer
     ➡ Removing the Lower Roll from the Roll Unit (Option)

  2. Replace the printer paper with paper that can be printed borderless.

     ➡ Loading the Upper Roll on the Printer
     ➡ Loading the Lower Roll on the Roll Unit (Option)

     Printing begins.

  Note

  See the media information list for media types compatible with borderless printing.

  ➡ Paper Information List

- **Reloading paper**

  Tap **Replace the paper and print** on the touch screen, and then load the paper.

  ➡ Loading the Upper Roll on the Printer
  ➡ Loading the Lower Roll on the Roll Unit (Option)

  Insert the roll paper firmly until it is against the roll holder flange.

  ➡ Loading Rolls on the Roll Holder

- **Printing with the loaded paper**

  Tap **Print with the loaded paper.** on the touch screen.

  Paper is printed borderless with the document width set slightly smaller than the paper.

- **Stopping printing**

  Tap **Cancel** on the touch screen to stop printing.

4920

Cause

Cannot cut paper for one of the following reasons.

- Paper that has been cut remains on the output guide.
- There is a foreign object near the output slot that is obstructing the cutter blade.
- The paper is not being used under the recommended usage conditions.
- The paper in use cannot be used with **Automatic cut**.

What to Do

- **Paper that has been cut remains on the output guide**

  Follow the steps below to resume printing.

  1. Lift up the release lever and remove the paper.
  2. Load the paper.
  3. Lower the release lever.
  4. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

     Printing will resume, starting from the page on which the error occurred.

  ➡ Removing the Upper Roll from the Printer
  ➡ Removing the Lower Roll from the Roll Unit (Option)

- **A foreign object near the output slot is obstructing the cutter blade**

  Follow the steps below to resume printing.

  1. Open the top cover and remove any foreign objects.
  2. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

     Printing will resume, starting from the page on which the error occurred.

- **Paper not being used under the recommended usage conditions**

  Every paper type has different recommended conditions of use. Use all paper under its recommended usage conditions.

  See the media information list for recommended usage conditions.

  ➡ Paper Information List

- **The paper in use cannot be used with Automatic cut**

  Set the roll paper cutting method to **User cut** and cut the roll paper with a cutting implement such as scissors.

  ➡ Specifying the Cutting Method for Rolls

  See the media information list for paper types that can be used with **Automatic cut**.

  ➡ Paper Information List

If this does not apply, there may be a cutter blade malfunction.

Contact your Canon dealer for assistance.

4924

Cause

Paper loaded is not suitable for **Color calibration**.

What to Do

Follow the steps below to repeat **Color calibration**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Load paper suitable for **Color calibration**.

   See the media information list for suitable paper.

   ➡ Paper Information List

Make sure the paper in the printer is the same as that in the printer media type settings. The printer will not calibrate properly if the loaded paper and media type settings are not the same.

4925

Cause

The performance of some internal printer sensors may be affected.

What to Do

Tap **OK** on the touch screen to stop **Color calibration**.

Contact your Canon dealer for assistance.

4926

Cause

The supplied paper size is not suitable for **Color calibration**.

What to Do

Tap **OK** on the touch screen to stop **Color calibration**.

Load a paper size suitable for **Color calibration**, and then repeat **Color calibration**.

- Managing Colors
- Performing Color Calibration

4927

Cause

Color calibration may have failed for the following reasons.

- The paper for printing a test pattern is soiled. Otherwise, you have loaded colored paper.
- The printer may be exposed to strong light, such as direct sunlight, which can cause the sensors to malfunction.
- The test pattern was printed too faintly.

What to Do

Tap **OK** on the touch screen to dismiss the error, and then take the following actions.

- Load unused paper suitable for **Color calibration**.
- Make adjustments to ensure that the printer is not exposed to strong light.
- Print a nozzle check pattern to check the print head status.

  If the pattern has gaps or horizontal white lines, the print head nozzle is blocked. Clean the print head.

  ➡ Checking for Nozzle Clogging

4931

Cause

Paper feed adjustment may have failed for the following reasons.

- The paper for printing a test pattern is soiled. Otherwise, you have loaded colored paper.
- The printer may be exposed to strong light, such as direct sunlight, which can cause the sensors to malfunction.
- The test pattern was printed too faintly.

What to Do

Tap **OK** on the touch screen to dismiss the error, and then take the following actions.

- Load unused paper.
- Make adjustments to ensure that the printer is not exposed to strong light.
- Print a nozzle check pattern to check the print head status.

  If the pattern has gaps or horizontal white lines, the print head nozzle is blocked. Clean the print head.

  ➡ Checking for Nozzle Clogging

4932

Cause

The print head cannot be calibrated because the printer is loaded with very transparent film-type paper.

What to Do

Tap **OK** on the touch screen to dismiss the error.

We recommend calibrating the print head with a frequently used, non-film paper.

Automatic Adjustment to Straighten Lines and Colors

4933

Cause

The print head nozzle may be blocked.

What to Do

Follow the steps below to repeat **Print Head Alignment**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Print a test pattern to check the nozzles.

   ➡ Checking for Nozzle Clogging

3. If the nozzle is blocked, clean the print head.

   ➡ Cleaning the Print Head

4. Repeat **Print Head Alignment**.

   ➡ Automatic Adjustment to Straighten Lines and Colors

4934

Cause

The print head nozzle may be blocked.

What to Do

Follow the steps below to repeat **Print Head Alignment**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Print a test pattern to check the nozzles.

   ➡ Checking for Nozzle Clogging

3. If the nozzle is blocked, clean the print head.

   ➡ Cleaning the Print Head

4. Repeat **Print Head Alignment**.

   ➡ Automatic Adjustment to Straighten Lines and Colors

4935

Cause

The print head nozzle may be blocked.

What to Do

Follow the steps below to repeat **Print Head Alignment**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Print a test pattern to check the nozzles.

   ➡ Checking for Nozzle Clogging

3. If the nozzle is blocked, clean the print head.

   ➡ Cleaning the Print Head

4. Repeat **Print Head Alignment**.

   ➡ Automatic Adjustment to Straighten Lines and Colors

4950

Cause

WPS (Push button method) connection failed.

What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

4951

Cause

AOSS (BUFFALO) connection failed.

What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

4952

Cause

Failed to connect to the wireless router.

What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

4953

Cause

Failed to acquire IP address.

What to Do

Check the information that appears on the touch screen, and then try connecting again.

4954

Cause

Failed to set up Wi-Fi using Easy wireless connect.

What to Do

Tap **OK** on the touch screen to dismiss the error, and then configure the settings again.

4955

Cause

IPv4/IPv6 settings were changed, but wired LAN and Wi-Fi are disabled.

What to Do

Tap **OK** on the touch screen to dismiss the error, and then enable wired LAN or Wi-Fi.

4956

Cause

Attempted to change LAN settings, but they cannot be changed for the following reasons.

- Printer is operating
- Printer currently being configured using **Remote UI**

What to Do

Tap **OK** on the touch screen to dismiss the error, exit other processes and then configure the settings again.

5200

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC21-2F76 EC21-2F77 EC21-2F78

5A60

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC33-4020 EC33-4021 EC33-4022 EC33-4023 EC33-4026 EC33-4027 EC33-4028 EC33-402A EC33-402B EC33-402C EC33-402E

5A61

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC3F-4120 EC3F-4121 EC3F-4122 EC3F-4123 EC3F-4126 EC3F-4127 EC3F-4128 EC3F-412A EC3F-412B EC3F-412C EC3F-412E

5B10

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC4A-4001

5B16

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC22-4001

5B20

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC25-4001 EC41-4001 EC43-4001 EC44-4001 EC45-4001 EC47-4001

5B21

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC48-4001

5C00

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC31-4001

6502

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC56-2FE0

6700

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC57-404F

6702

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC57-4040

6820

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC07-4060 EC51-4041 EC51-4042 EC51-4045 EC51-4046 EC51-4047 EC51-404C EC51-404D EC51-404E EC51-4070 EC51-4071 EC51-4072

6900

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3000

6901

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3001

6902

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3006

6910

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3002

6911

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3003

6920

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3004

6921

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3005

6930

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3100

6931

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3101

6932

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3102

6933

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3103

6940

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3104

6941

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3105

6942

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3106

6943

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3107

6944

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3108

6945

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3109

6946

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3110

7050

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-5001

7051

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-5002

7052

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-5003

8200

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC24-4049 EC24-404A EC24-404B

9000

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-2F07

9110

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC52-4038 EC52-4039

B20A

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC03-403A EC03-403B

B510

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC32-4001