Canon

MG6400 series

Online Manual

Printing
Copying

English

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Printing

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Printing from a Computer

- ➡ Printing with Application Software that You are Using (Printer Driver)

Printing with Application Software that You are Using (Printer Driver)

- Printing with Easy Setup **Basic**
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Printing with Easy Setup

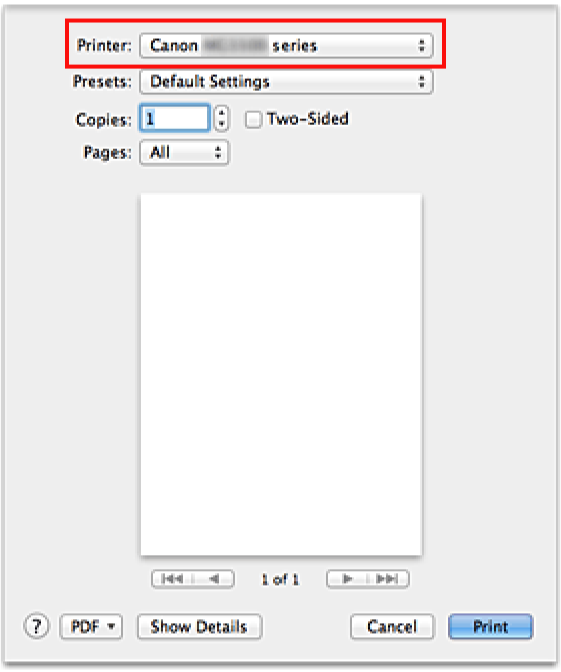
The simple setup procedure for carrying out appropriate printing on this machine is as follows:

1. Check that the machine is turned on

2. Load paper on the machine

3. Select the printer

   Select your model from the **Printer** list in the Print Dialog.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

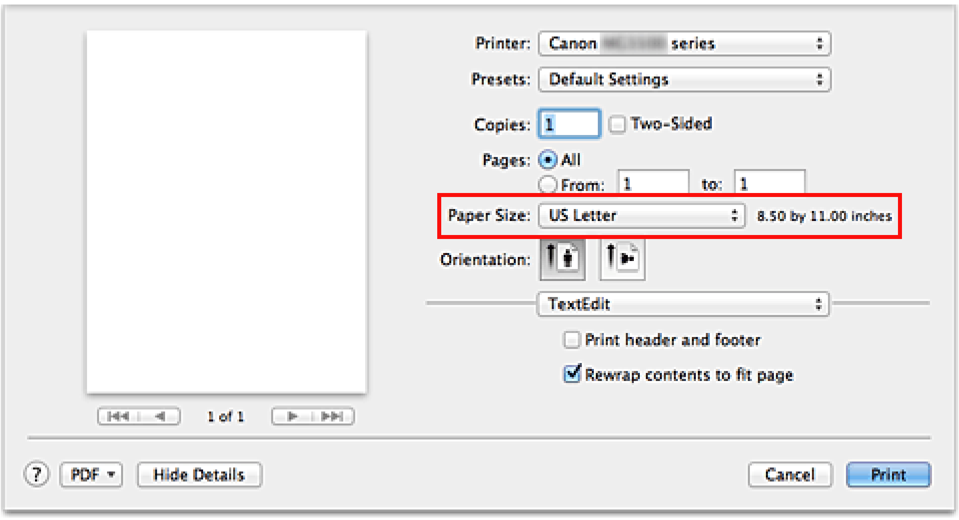
Pages: All

Note

- Click **Show Details** (▼ (the disclosure triangle)) to switch the Setup window to the detailed display.

4. Select the paper size

   For **Paper Size**, select the paper size to be used.
   If necessary, set the number of copies, the pages to be printed, and the orientation.


Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

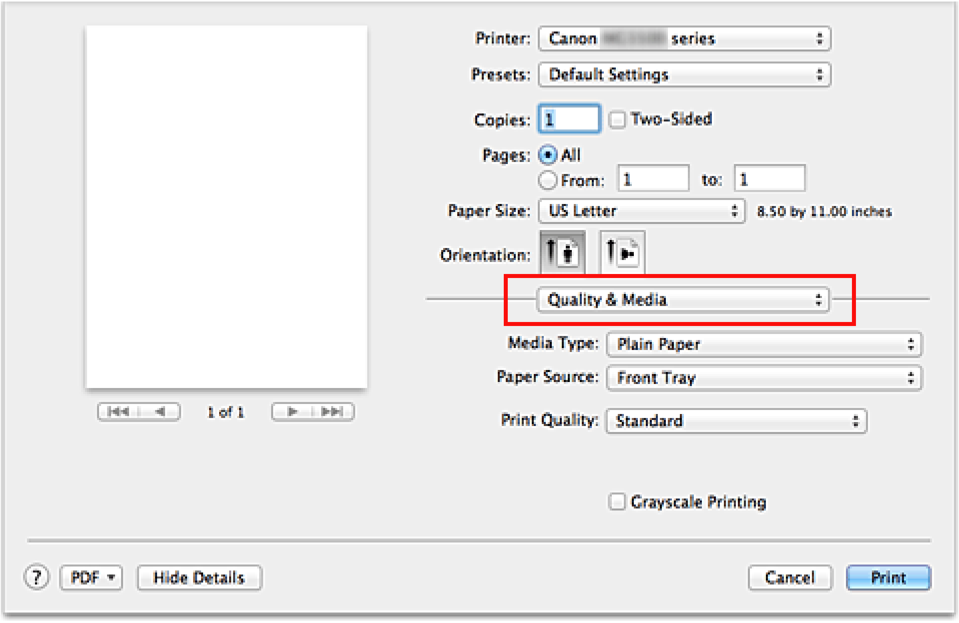
Orientation:

TextEdit

☐ Print header and footer

☑ Rewrap contents to fit page

5. Select **Quality & Media** from the pop-up menu


Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Quality & Media

Media Type: Plain Paper

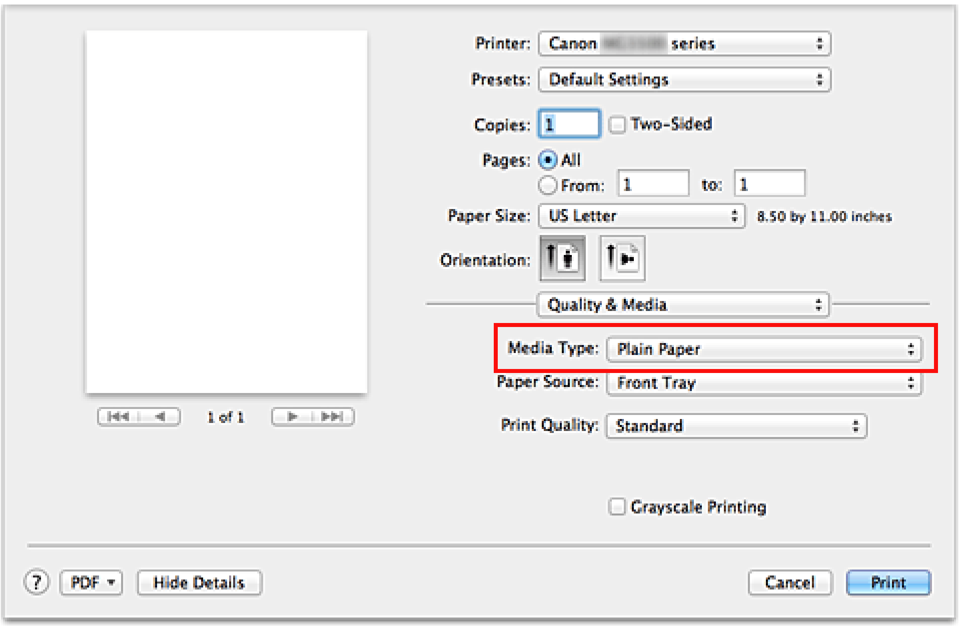
Paper Source: Front Tray

Print Quality: Standard

☐ Grayscale Printing

6. Select the media type

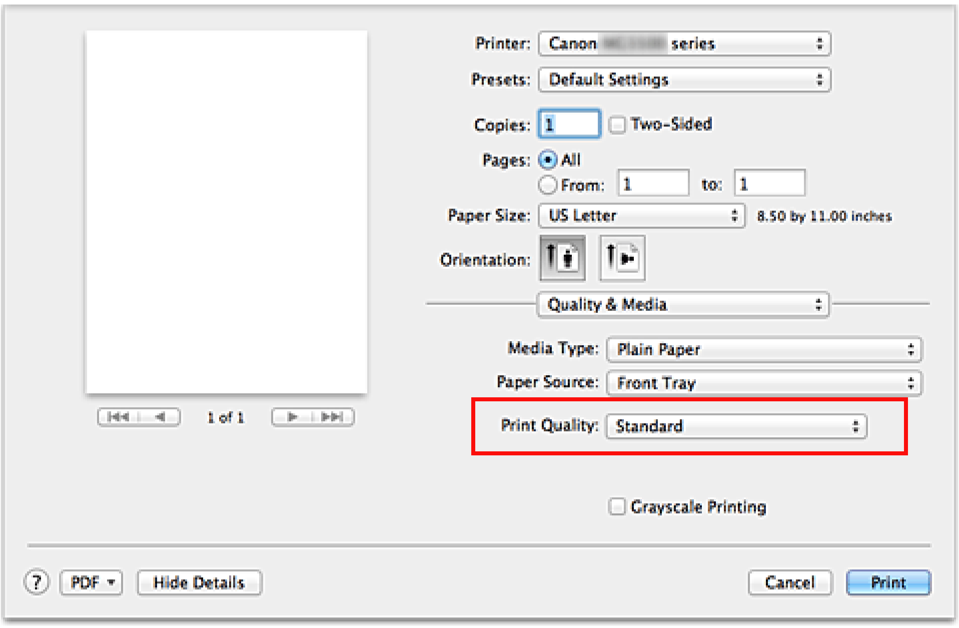
For **Media Type**, select the same paper type loaded in the machine.



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Quality & Media
Media Type: Plain Paper
Paper Source: Front Tray
Print Quality: Standard
☐ Grayscale Printing

7. Select the print quality

For **Print Quality**, select **High**, **Standard**, or **Draft** according to your purpose.



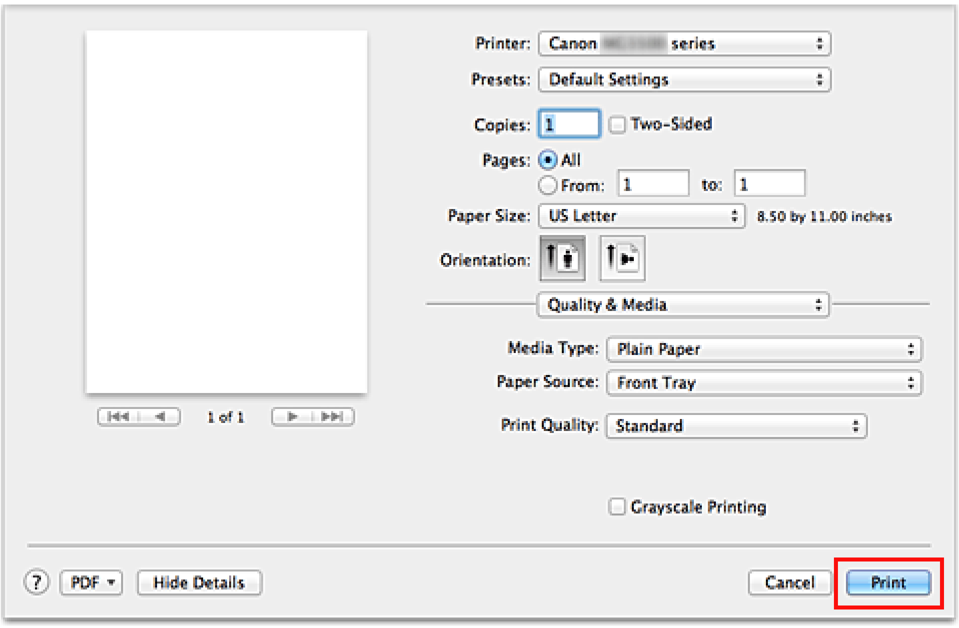
Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Quality & Media
Media Type: Plain Paper
Paper Source: Front Tray
Print Quality: Standard
☐ Grayscale Printing

Important

- The print quality settings that can be selected may differ depending on a printing profile.

8. Complete the setup

Click **Print**.
When you execute print, the document will be printed in accordance with the type and size of the media.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All
○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Media Type: Plain Paper

Paper Source: Front Tray

Print Quality: Standard

☐ Grayscale Printing

Important

- In the **Presets** section, click **Save Current Settings as Preset...** (**Save As...**) to register the specified settings.

Setting the Media Type with the Printer Driver

When you use this machine, selecting a media type that matches the print purpose will help you achieve the best print results.
You can use the following media types on this machine.

Commercially available papers

Media name	**Media Type** in the printer driver
Plain Paper (including recycled paper)	**Plain Paper**
Envelopes	**Envelope**

Canon genuine papers (Photo Printing)

Media name <Model No.>	**Media Type** in the printer driver
Photo Paper Plus Glossy II <PP-201>	**Photo Paper Plus Glossy II**
Photo Paper Pro Platinum <PT-101>	**Photo Paper Pro Platinum**
Photo Paper Pro Luster <LU-101>	**Photo Paper Pro Luster**
Photo Paper Plus Semi-gloss <SG-201>	**Photo Paper Plus Semi-gloss**
Photo Paper Glossy <GP-501/GP-601>	**Glossy Photo Paper**
Matte Photo Paper <MP-101>	**Matte Photo Paper**

Canon genuine papers (Business Letter Printing)

Media name <Model No.>	**Media Type** in the printer driver
High Resolution Paper <HR-101N>	**High Resolution Paper**

Canon genuine papers (Original Products)

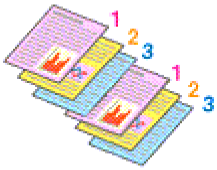
Media name <Model No.>	**Media Type** in the printer driver
T-Shirt Transfers <TR-301>	**T-Shirt Transfers**
Photo Stickers <PS-101>	**Photo Paper Plus Glossy II**

Various Printing Methods

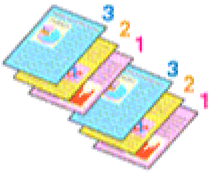
- Setting the Number of Copies and Printing Order
- Setting the Stapling Margin
- Execute Borderless Printing
- Scaling the Printing to Fit the Paper Size
- Scaled Printing
- Page Layout Printing
- Duplex Printing
- Printing on Postcards
- Displaying the Print Results before Printing
- Setting Paper Dimensions (Custom Size)

Setting the Number of Copies and Printing Order

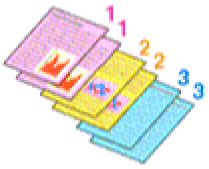
Collate pages + Reverse



Collate pages + Normal



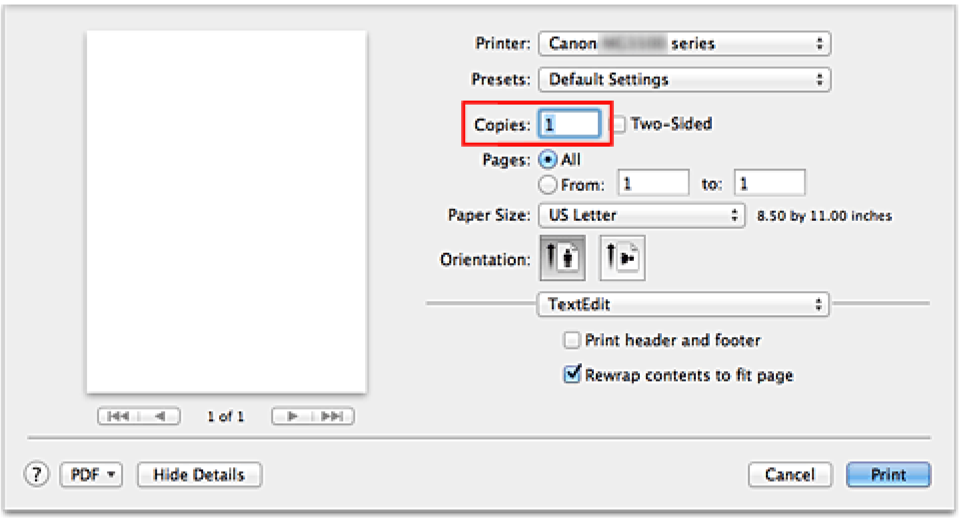
Reverse



The procedure for specifying the number of copies and printing order is as follows:

1. Specify the number of copies to be printed

   Specify the number of copies to print from the **Copies** in the Print Dialog.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

TextEdit

☐ Print header and footer

☑ Rewrap contents to fit page

2. Select **Paper Handling** from the pop-up menu

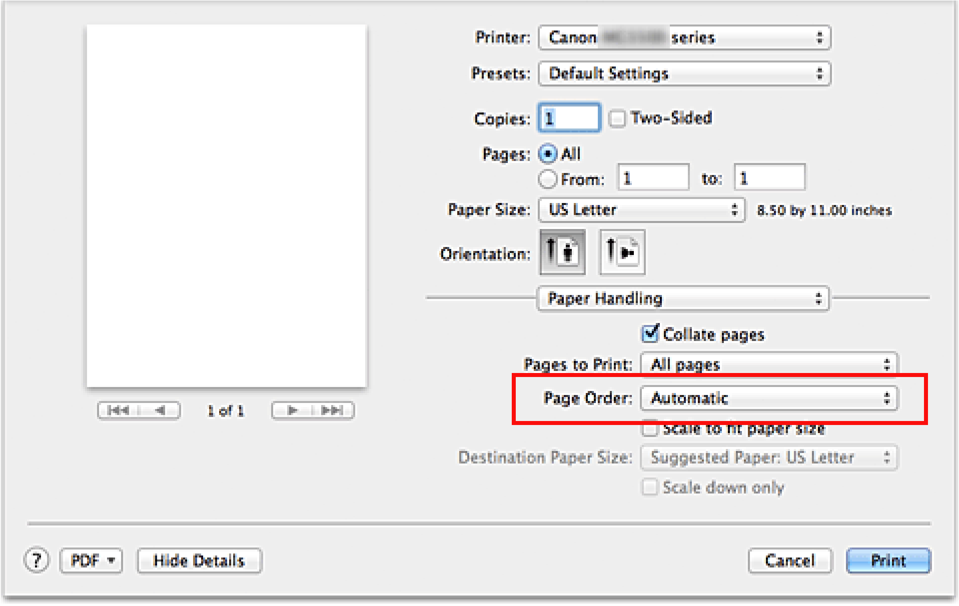
3. Check the **Collate pages** check box when you are specifying multiple copies in the **Copies** box

   Check the **Collate pages** check box to print all the pages of a single copy together. Uncheck this check box to print all pages with the same page number together.

4. Specify the print order

   Check **Page Order**.

   When you select **Automatic** or **Reverse**, printing starts from the last page. When you select **Normal**, printing starts from the first page.



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Paper Handling
☑ Collate pages
Pages to Print: All pages
Page Order: Automatic
☐ Scale to fit paper size
Destination Paper Size: Suggested Paper: US Letter
☐ Scale down only

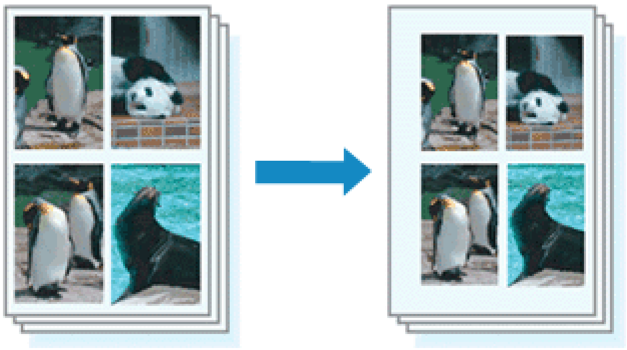
5. Complete the setup

   Click **Print**.
   When you execute print, the specified number of copies will be printed with the specified printing order.

Important

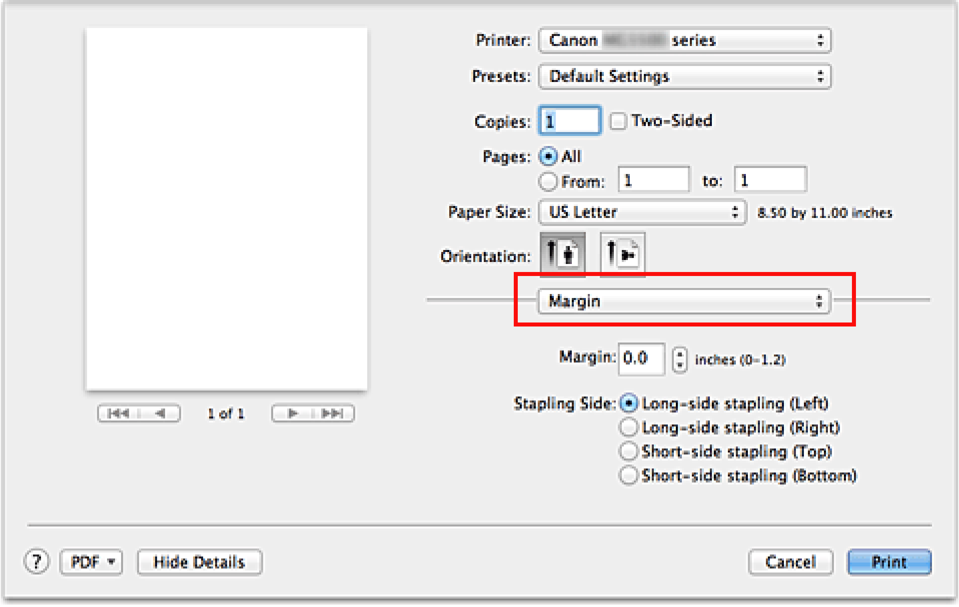
- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order 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.

Setting the Stapling Margin



The procedure for setting the staple side and the margin width is as follows:

1. Select **Margin** from the pop-up menu on the Print Dialog



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Margin
Margin: 0.0 inches (0-1.2)
Stapling Side: ● Long-side stapling (Left)
○ Long-side stapling (Right)
○ Short-side stapling (Top)
○ Short-side stapling (Bottom)

2. Set the staple side and the margin width

   Select a stapling position from the **Stapling Side** list, and if necessary, set the **Margin** width.

   ### Note

   - The printer automatically reduces the print area depending on the staple position margin.
   - Depending on the **Two-Sided** setting in the **Layout** pop-up menu, the **Stapling Side** that can be selected differs.

3. Complete the setup

Click **Print**.

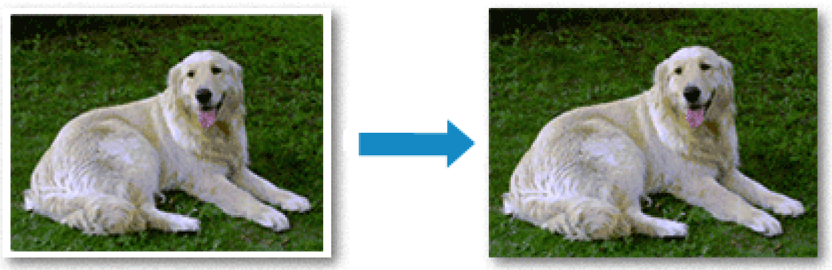
When you execute print, the data is printed with the specified staple side and margin width.

Important

- When borderless printing is enabled, **Stapling Side** and **Margin** appear grayed out and are unavailable.

Execute Borderless Printing

The borderless printing function allows you to print data without any margin by enlarging the data so that it extends slightly off the paper. In standard printing, margins are created around the document area. However, in borderless printing function, these margins are not created. When you want to print data such as a photo without providing any margin around it, set borderless printing.

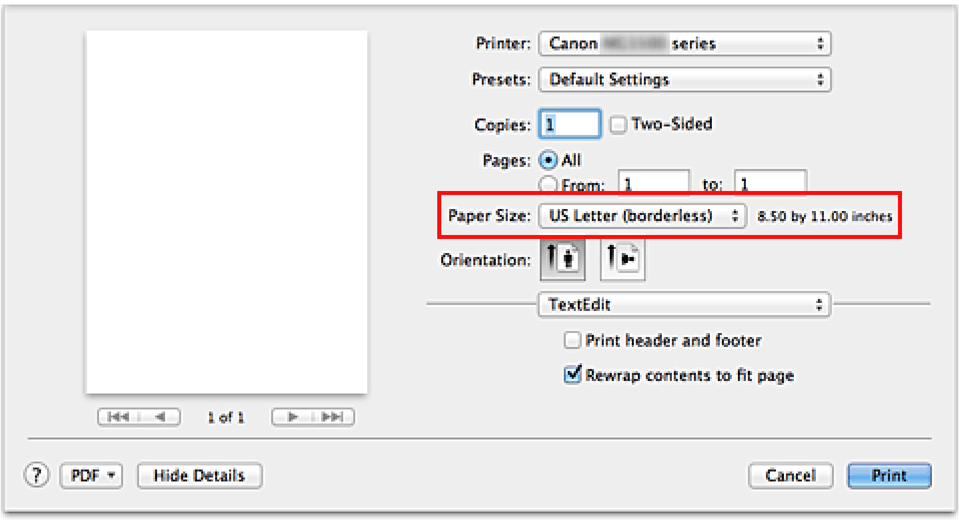


The procedure for performing borderless printing is as follows:

Setting Borderless Printing

1. Select the size of the paper for borderless printing

   Select "XXX (borderless)" from the **Paper Size** in the Print Dialog.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter (borderless) 8.50 by 11.00 inches

Orientation:

TextEdit

☐ Print header and footer

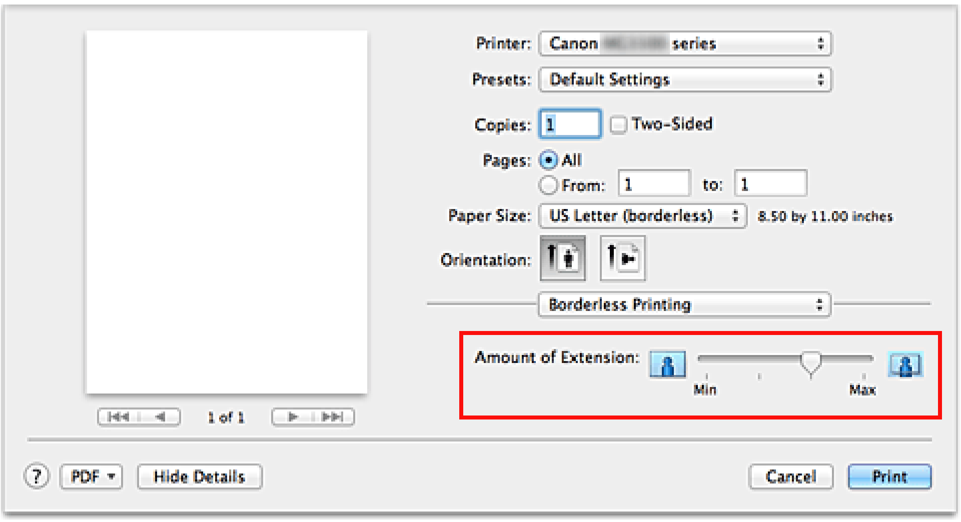
☑ Rewrap contents to fit page

2. Select **Borderless Printing** from the pop-up menu

3. Adjust the amount of extension from the paper

   If necessary, adjust the amount of extension using the **Amount of Extension** slider. Moving the slider to the right increases the amount extending off the paper, and moving the slider to the left decreases the amount.

It is recommended to set the slider at the second position from the right for most cases.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter (borderless) 8.50 by 11.00 inches

Orientation:

Borderless Printing

Amount of Extension:

Important

- When the **Amount of Extension** slider is set to the rightmost position, the back side of the paper may become smudged.

4. Complete the setup

Click **Print**.
When you execute print, the data is printed without any margins on the paper.

Important

- Borderless printing only supports specific paper sizes. Make sure to select a paper size with the wording "(borderless)" from the **Paper Size**.
- When borderless printing is enabled, **Envelope**, **High Resolution Paper**, and **T-Shirt Transfers** appear grayed out and are unavailable in **Media Type** list of **Quality & Media** of the pop-up menu in the Print dialog.
- Print quality may deteriorate or the sheet may be stained at the top and bottom depending on the type of paper used.
- When the ratio of the height to the width differs from the image data, a portion of the image may not be printed depending on the size of the media used.
  In this case, crop the image data with an application software according to the paper size.
- When scaled printing or page layout printing is enabled, you cannot perform borderless printing.

Note

- When **Plain Paper** is selected from the **Media Type** menu of the **Quality & Media**, borderless printing is not recommended.

Expanding the Range of the Document to Print

Setting a large amount of extension allows you to perform borderless printing with no problems. However, the portion of the document extending off the paper range will not be printed and for this reason, the subjects around the perimeter of a photo may not be printed.

Try borderless printing once. When you are not satisfied with the result of borderless printing, reduce the amount of extension. The extension amount decreases as the **Amount of Extension** slider is moved to the left.

Important

- When the amount of extension is decreased, an unexpected margin may be produced on the print, depending on the size of the paper.

Note

- When the **Amount of Extension** slider is set to the leftmost position, image data will be printed in the full size. If you set this when printing the address side of a postcard, the postal code of the sender is printed in the correct position.

Scaling the Printing to Fit the Paper Size

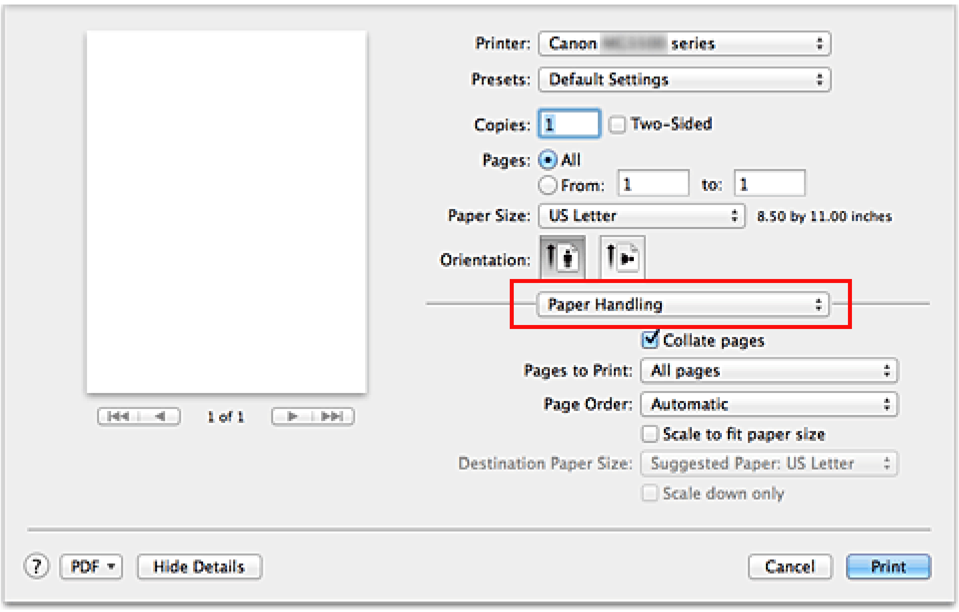
The 10th Anniversary
Festival
Come and join us !

The procedure for printing a document that is automatically enlarged or reduced to fit the page size to be used is as follows:

1. Check the paper size

   Check that the **Paper Size** in the Print Dialog is the same as the paper size that you set in the application software.

2. Select **Paper Handling** from the pop-up menu

   Printer: Canon [redacted] series
   Presets: Default Settings
   Copies: 1 ☐ Two-Sided
   Pages: ● All
   ○ From: 1 to: 1
   Paper Size: US Letter 8.50 by 11.00 inches
   Orientation:
   Paper Handling
   ☑ Collate pages
   Pages to Print: All pages
   Page Order: Automatic
   ☐ Scale to fit paper size
   Destination Paper Size: Suggested Paper: US Letter
   ☐ Scale down only

3. Set the print paper size

   Check the **Scale to fit paper size** check box. Then from the **Destination Paper Size** pop-up menu, select the paper size that is actually loaded in the machine.

4. If necessary, check the **Scale down only** check box

When you check this check box, the document will be reduced to fit to the paper size when the document size is larger than the page size. The document will be printed in the original size when the document size is smaller than the page size.

5. Complete the setup

Click **Print**.
When you execute print, the document will be enlarged or reduced to fit to the page size.

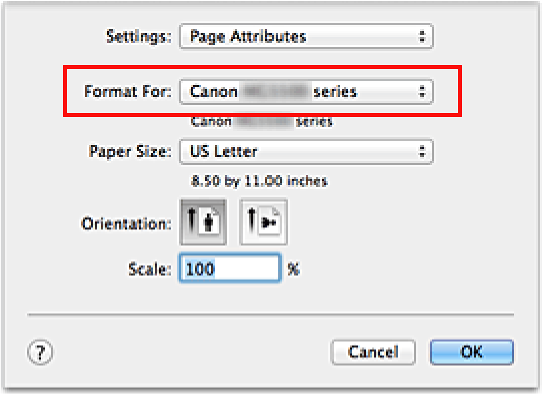
Scaled Printing

70%
115%
The 10th Anniversary
Festival
Come and join us !

The procedure for printing a document with pages enlarged or reduced is as follows:

1. Select the printer

   In the Page Setup Dialog, select your model name from the **Format For** list.



Settings: Page Attributes
Format For: Canon series
Canon series
Paper Size: US Letter
8.50 by 11.00 inches
Orientation:
Scale: 100 %

2. Set scaled printing

   Specify the scaling factor in the **Scale** box, and click **OK**.

   Note

   - If you are using Mac OS X v10.8 or Mac OS X v10.7, you can set the **Scale** rate to a value in the range from 1 to 999%.
     If you are using Mac OS X v10.6.8, set a value in the range from 1 to 10000%. If you enter any other value, an error message will be displayed.

3. Complete the setup

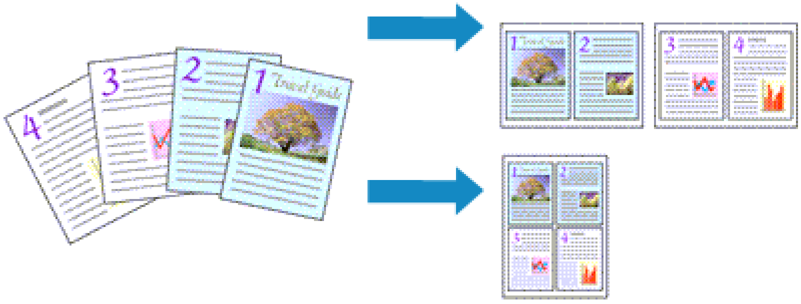
   On the Print Dialog, click **Print**.
   When you execute print, the document will be printed with the specified scale.

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 Page Setup dialog.

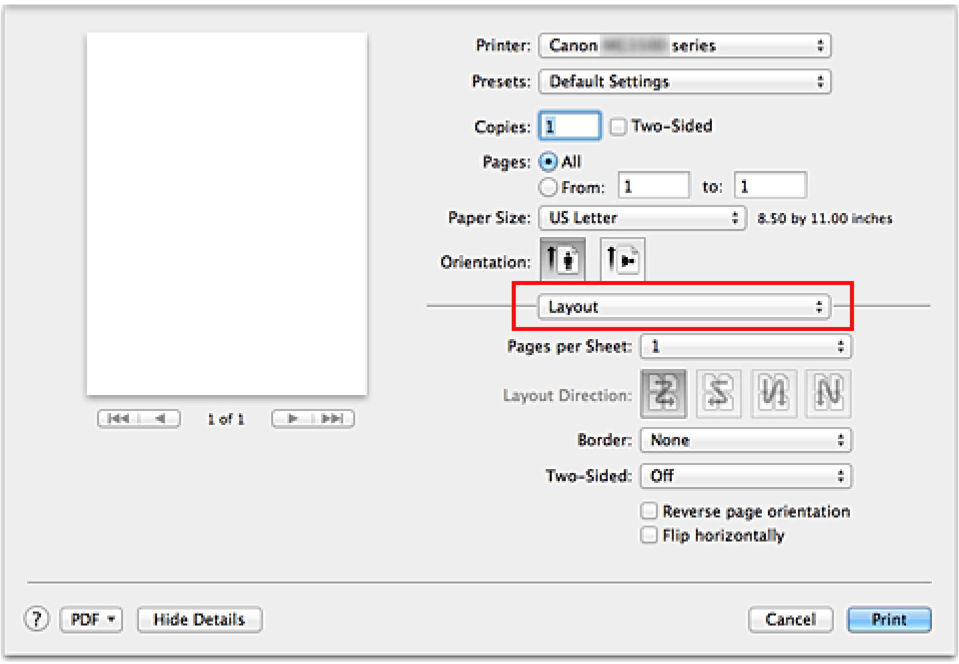
Page Layout Printing

The page layout printing function allows you to print more than one page image on a single sheet of paper.



The procedure for performing page layout printing is as follows:

1. Select **Layout** from the pop-up menu in the Print Dialog



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Layout

Pages per Sheet: 1

Layout Direction:

Border: None

Two-Sided: Off

☐ Reverse page orientation

☐ Flip horizontally

2. Set the number of original you print on one page

   In **Pages per Sheet**, specify the number of page you print on one page.

3. If necessary, set the following items

   Layout Direction
   To change the page placement order, select an icon from the list.

   Border
   To print a page border around each document page, select a type of page border.

Reverse page orientation

Select this check box to change the paper orientation.

Flip horizontally

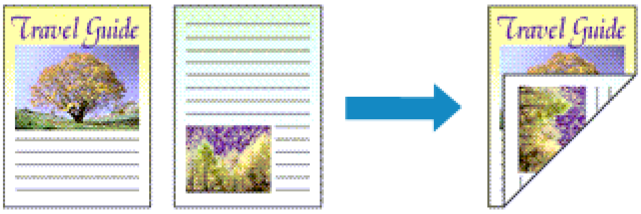
Select this check box to reverse left and right of the document.

4. Complete the setup

Click **Print**.

When you execute print, the specified number of pages will be arranged on each sheet of paper in the specified order.

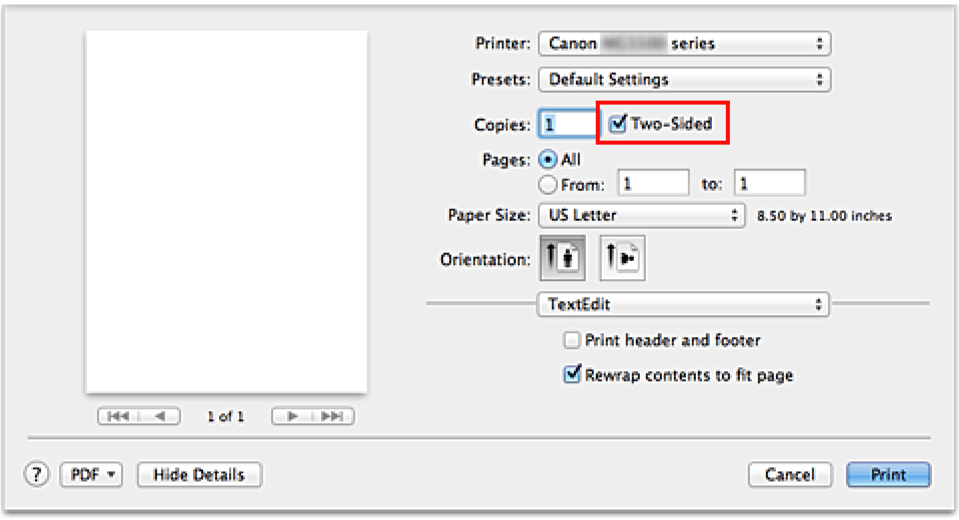
Duplex Printing



The procedure for printing data on both sides of one sheet of paper is as follows:

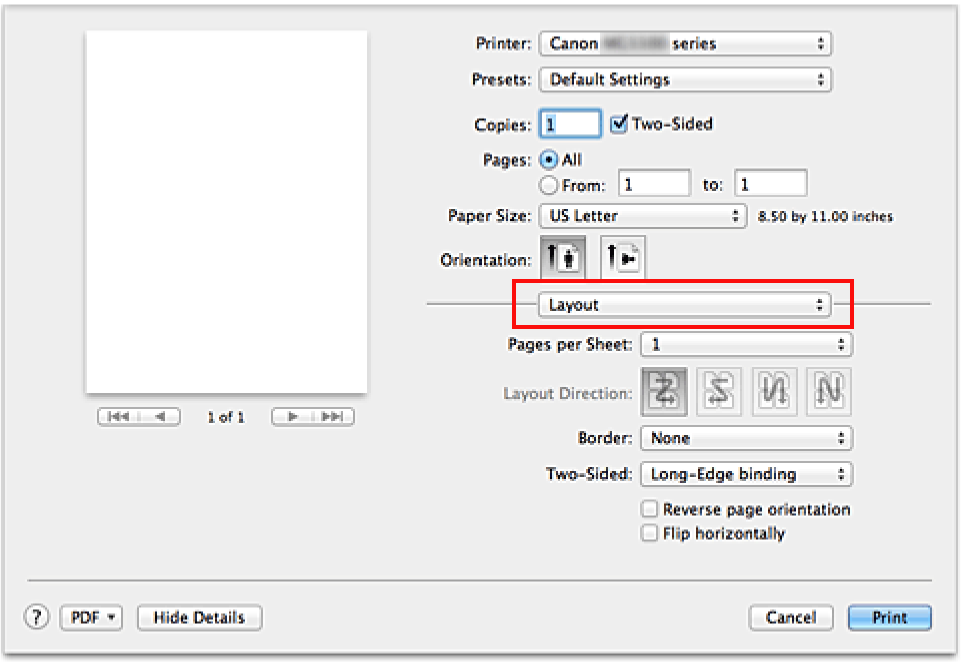
1. Set duplex printing

   Check the **Two-Sided** check box in the Print Dialog.



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☑ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
TextEdit
☐ Print header and footer
☑ Rewrap contents to fit page

2. Select **Layout** from the pop-up menu on the Print Dialog

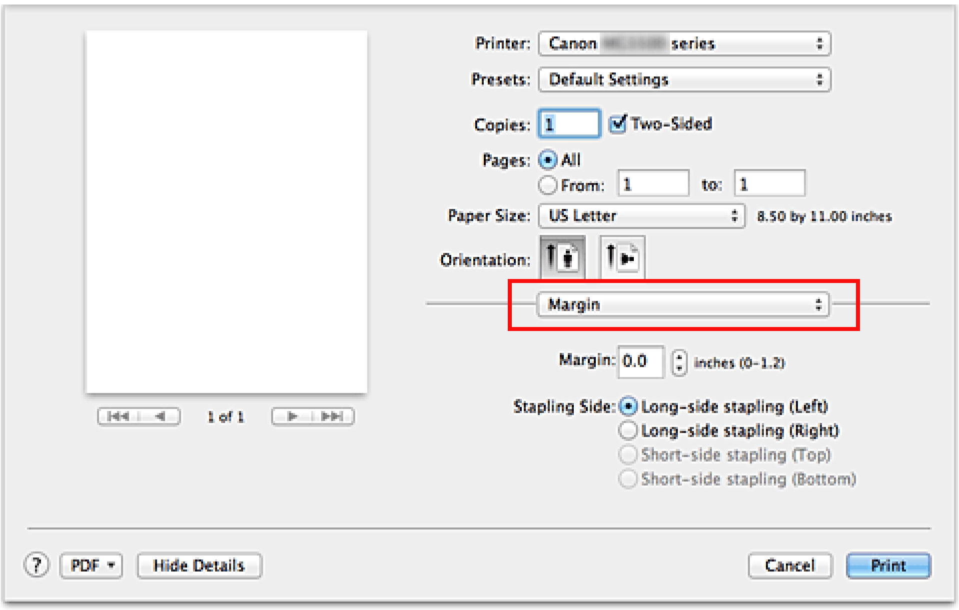


Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☑ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Layout
Pages per Sheet: 1
Layout Direction:
Border: None
Two-Sided: Long-Edge binding
☐ Reverse page orientation
☐ Flip horizontally

3. Set the stapling side

For **Two-Sided**, select either **Long-Edge binding** or **Short-Edge binding**.

4. Select **Margin** from the pop-up menu on the Print Dialog



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☑ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Margin
Margin: 0.0 inches (0-1.2)
Stapling Side: ● Long-side stapling (Left)
○ Long-side stapling (Right)
○ Short-side stapling (Top)
○ Short-side stapling (Bottom)

5. Set the stapling margin

If necessary, set the **Margin** width, and to change the **Stapling Side**, select a setting from the list.

Note

- Depending on the **Two-Sided** setting in the **Layout** pop-up menu, the **Stapling Side** that can be selected differs.

6. Complete the setup

Click **Print**.
When you execute print, duplex printing will be started.

Important

- When a media type other than **Plain Paper** is selected from **Media Type** menu of **Quality & Media**, duplex printing cannot be executed.
- When borderless printing is set, duplex printing cannot be executed.
- Duplex printing can be performed only when one of the following paper sizes is selected from **Paper Size**.
  - **US Letter**, **A4**
- After printing the front page, there is an ink drying wait time before starting to print the back page (Operation stops temporarily). Do not touch the paper during this time. You

can change the ink drying wait time from **Custom Settings** in the Canon IJ Printer Utility.

Note

- If the back side of the paper becomes smudged during duplex printing, display the pop-up menu of Canon IJ Printer Utility, select **Cleaning** from the menu, and then perform **Bottom Plate Cleaning**.
- When you use duplex printing, the print area becomes slightly smaller than the normal print area.

Related Topics

- Cleaning Inside the Machine
- Changing the Machine Operation Mode

Printing on Postcards

This section describes the procedure for postcard printing.

1. Load postcard on the machine

2. Select paper size in the Print Dialog

   Select **Postcard** or **Postcard Double** from the **Paper Size** menu.

   Important

   - Return postcards can be used only when you print them from the computer.
   - When printing a return postcard, always set the paper size to **Postcard Double** from your application software or the printer driver.
   - Do not fold the return postcard. If a crease is formed, the machine will not be able to feed the postcard properly, and this condition will cause line shifts or a paper jam.
   - With return postcards, borderless printing cannot be used.

3. Select **Quality & Media** from the pop-up menu

4. Select the media type

   For **Media Type**, select the same paper type loaded in the machine.

   Important

   - This machine cannot print on postcards that have photos or stickers attached.
   - When printing on each side of a postcard separately, you will get cleaner printing if you print the message side first and then print the address side.

5. Complete the setup

   Click **Print**.

   When you execute printing, the data will be printed onto the postcard.

Displaying the Print Results before Printing

If you are using Mac OS X v10.6.8, you can display and check the print result before printing.

To display the print result before printing, click **Preview** on the Print Dialog.

Note

- When you click ▼ (the disclosure triangle) in the Print dialog and switch to the detailed display, **Preview** is not displayed.
  For detailed display, a preview is displayed on the left side of the Print dialog.

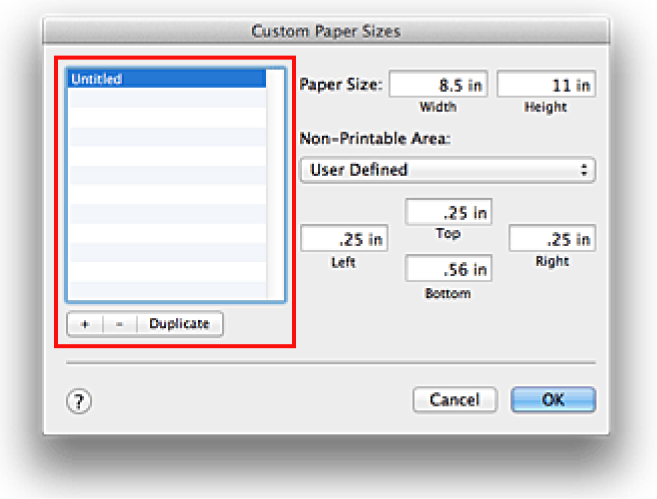
Setting Paper Dimensions (Custom Size)

You can specify the height and width of paper when its size cannot be selected from the **Paper Size** menu. Such a paper size is called "custom size."

The procedure for specifying a custom size is as follows:

1. Creating a new custom paper size

   In the Print Dialog, select **Manage Custom Sizes...** from **Paper Size**.
   In the **Custom Paper Sizes** dialog, click **+**.

   Paper Size: 8.5 in Width, 11 in Height
   Non-Printable Area: User Defined
   .25 in Top
   .25 in Left
   .25 in Right
   .56 in Bottom

   Untitled will be added to the list.

2. Setting details about the custom paper size

   Double-click **Untitled**, enter the name of the paper size you want to register, and specify the **Width** and **Height** of the paper for **Paper Size**.
   Select **User Defined** or your model for **Non-Printable Area**, and enter the margins.

3. Registering the custom paper size

   Click **OK**.
   The custom size is registered.

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.

Note

- To duplicate the registered paper size, select the paper size that you want to duplicate from the **Custom Paper Sizes** list, and click **Duplicate**.
- To delete a registered paper size, select the paper size that you want to delete from the **Custom Paper Sizes** list, and click **-**.

Changing the Print Quality and Correcting Image Data

- 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 Color Balance
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast

Setting the Print Quality Level (Custom)

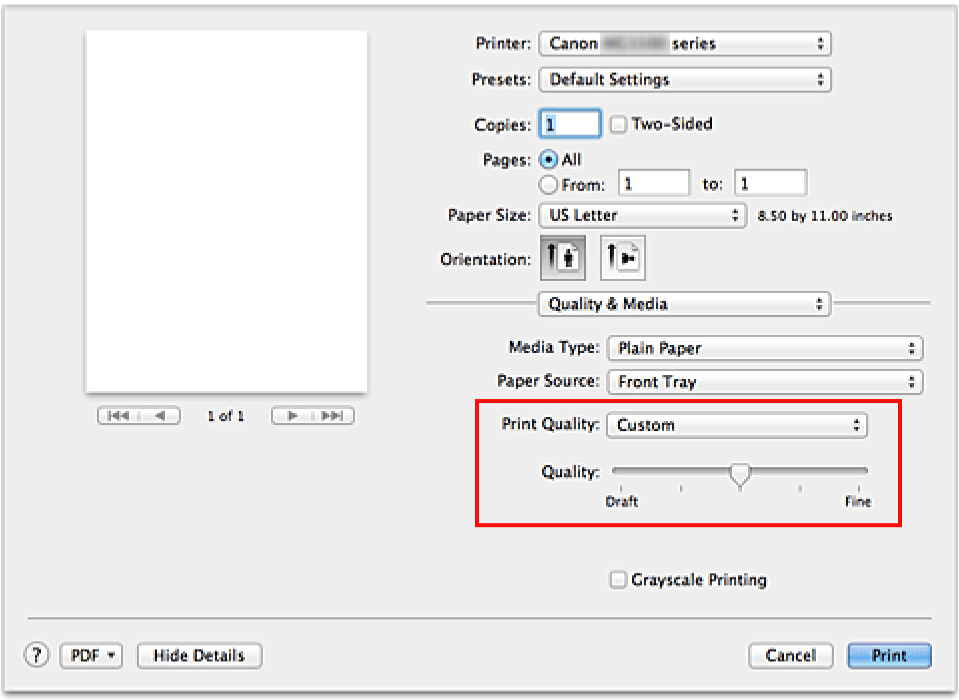
The print quality level can be set in the **Custom**.

The procedure for setting the print quality level is as follows:

1. Select **Quality & Media** from the pop-up menu on the Print Dialog

2. Select the print quality

   Select **Custom** for **Print Quality**.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Quality & Media

Media Type: Plain Paper

Paper Source: Front Tray

Print Quality: Custom

Quality:

☐ Grayscale Printing

3. Setting the print quality level

   Move the **Quality** slider to select the print quality level.

4. Complete the setup

   Click **Print**.
   When you execute print, the image data is printed with the selected print quality level.

Important

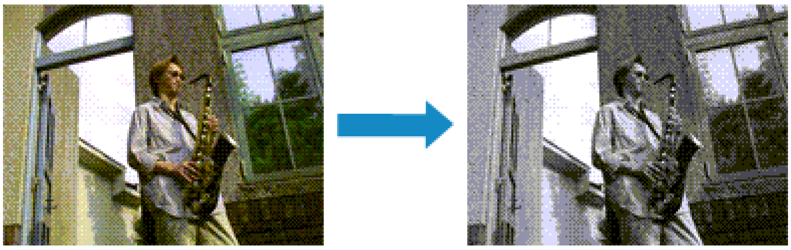
- Certain print quality levels cannot be selected depending on the settings of **Media Type**.

Related Topics

- Specifying Color Correction

- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast

Printing a Color Document in Monochrome

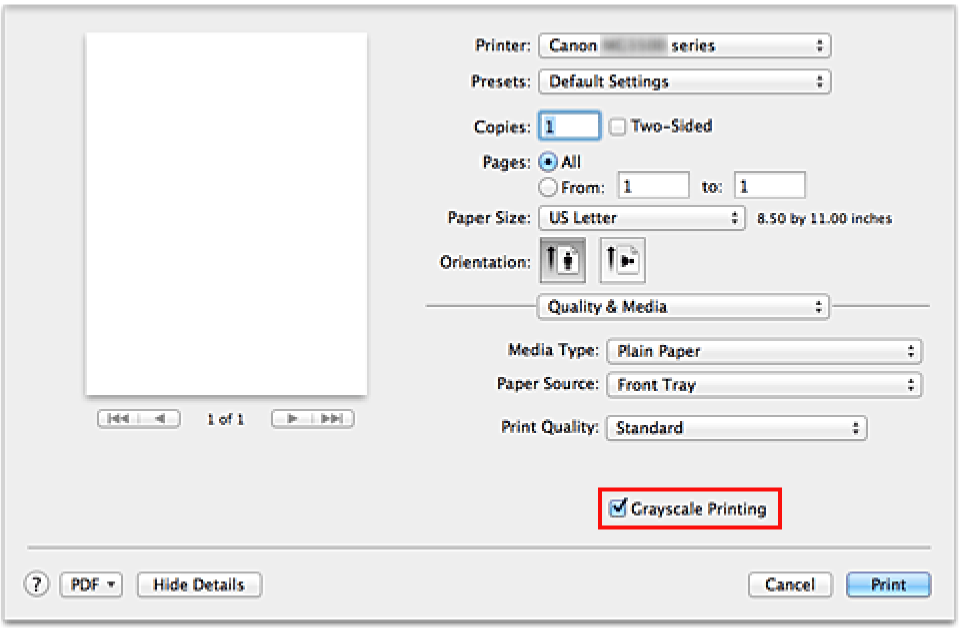


The procedure for printing a color document in monochrome is as follows:

1. Select **Quality & Media** from the pop-up menu on the Print Dialog

2. Set grayscale printing

   Check the **Grayscale Printing** check box.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Quality & Media

Media Type: Plain Paper

Paper Source: Front Tray

Print Quality: Standard

☑ Grayscale Printing

3. Complete the setup

   Click **Print**.
   When you execute print, the document is converted to grayscale data. It allows you to print the color document in monochrome.

Note

- During **Grayscale Printing**, color inks may be used as well as black ink.

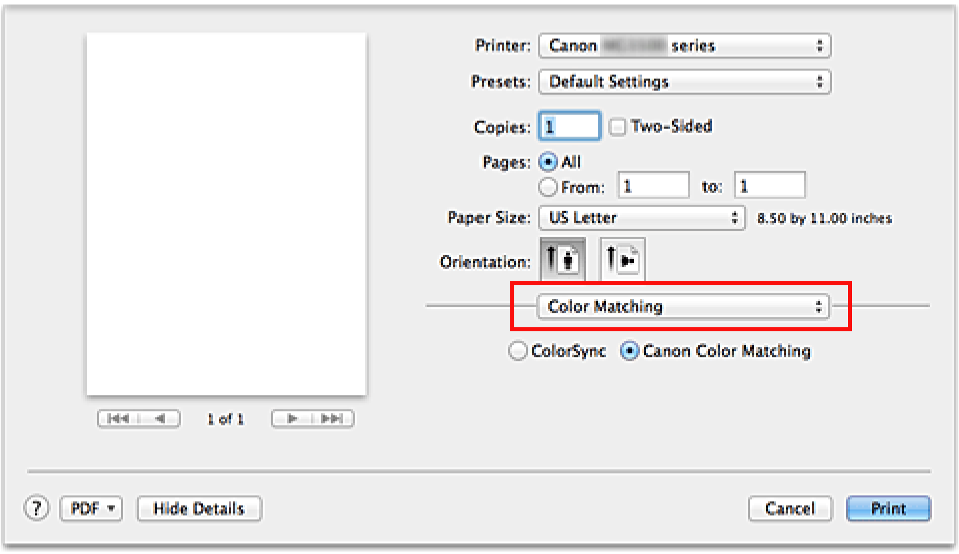
Specifying Color Correction

You can specify the color correction method suited to the type of document to be printed. Normally, the printer driver adjusts the colors by using Canon Digital Photo Color so that data is printed with color tints that most people prefer.

When you want to print by using the color space (Adobe RGB or sRGB) of the image data effectively or by specifying a printing ICC profile from your application software, select **ColorSync**. When you want to print by having the printer driver correct the colors, select **Canon Color Matching**.

The procedure for specifying color correction is as follows:

1. Select **Color Matching** from the pop-up menu of the Print Dialog



Printer: Canon series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Color Matching

○ ColorSync ● Canon Color Matching

2. Select color correction

   Select the item below that matches your purpose.

   ColorSync
   Perform color correction using ColorSync.

   Canon Color Matching
   With Canon Digital Photo Color, you can print with color tints that most people prefer.

3. Complete the setup

   Click **Print**.
   When you execute print, the document data is printed with the specified color correction.

Important

- Depending on the application software, when a printing ICC profile is specified from that application software, **Canon Color Matching** cannot be selected because **ColorSync** is selected automatically.
- The **Quality & Media** setting is necessary even when **ColorSync** or **Canon Color Matching** is selected.

Related Topics

- 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

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 Mac OS, a color management system called "ColorSync" is built into the operating system.
Adobe RGB and sRGB are popularly used as common color spaces. Adobe RGB has a wider color space than sRGB.

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.

Selecting a Printing Method Suited to the Image Data

The recommended printing method depends on the color space (Adobe RGB or sRGB) of the image data or the application software to be used.

There are two typical printing methods.
Check the color space (Adobe RGB or sRGB) 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

Describes the procedure for printing by using the color correction function of the printer driver.

- **To print using Canon Digital Photo Color**

  The printer prints data with color tints that most people prefer, reproducing colors of the original image data and producing three-dimensional effects and high, sharp contrasts.

- **To print by directly applying editing and touch-up results of an application software**

  When printing the data, the printer brings out subtle color difference between dark and light areas, while leaving the darkest and lightest areas intact.
  When printing the data, the printer applies fine adjustment results, such as brightness adjustments made with an application software.

Printing with ICC Profiles (Specifying an ICC Profile from the Application Software)
Describes the procedure for printing by using the color space of Adobe RGB or sRGB 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

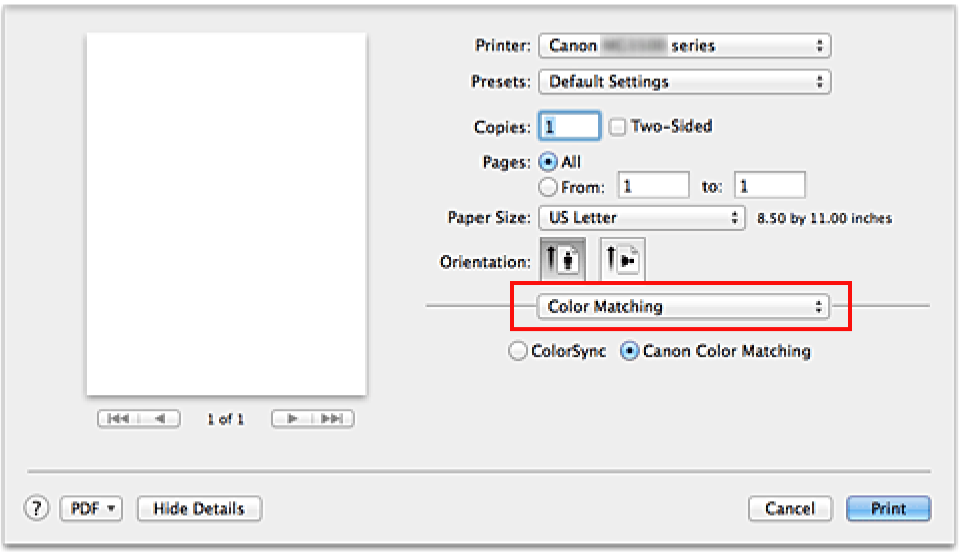
- Interpreting the ICC Profile

Adjusting Colors with the Printer Driver

You can specify the color correction function of the printer driver to print with color tints that most people prefer through the use of Canon Digital Photo Color.
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. Select **Color Matching** from the pop-up menu of the Print Dialog



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Color Matching
○ ColorSync ● Canon Color Matching

2. Select color correction

   Select **Canon Color Matching**.

3. Set the other items

   From the pop-up menu, select **Color Options**. If necessary, adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, **Intensity**, and **Contrast** settings.

4. Complete the setup

   Click **Print**.
   When you execute print, the printer driver adjusts the colors when printing the data.

Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance

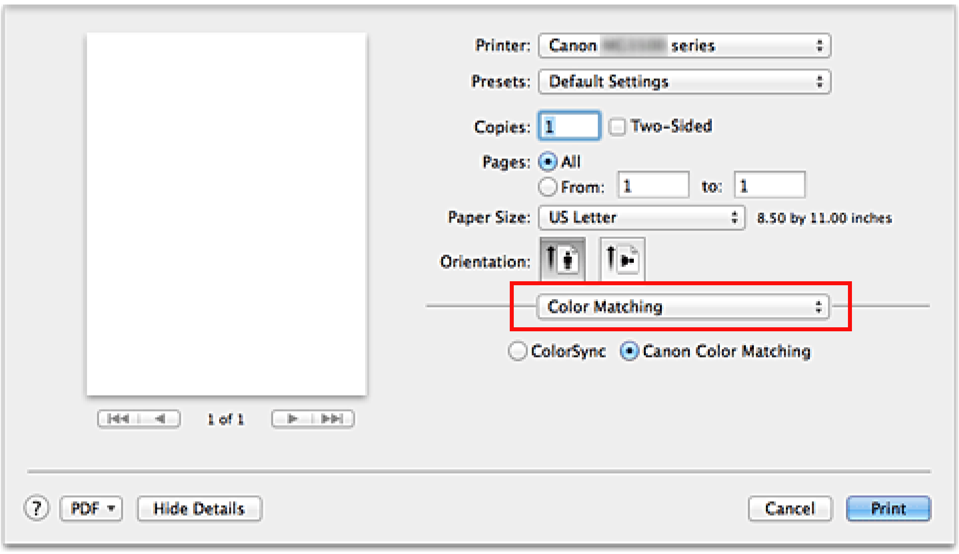
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast

Printing with ICC Profiles (Specifying an ICC Profile from the Application Software)

When you print from Adobe Photoshop, Canon Digital Photo Professional, or any application software that can identify input ICC profiles and allows you to specify such profiles, printer uses the color management system (ColorSync) built-into Mac OS when printing. The printer prints the editing and touch-up results of the application software and effectively uses 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 on specifying an ICC profile with an application software program, refer to the user's manual of your application software.

1. Select **Color Matching** from the pop-up menu of the Print Dialog



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Color Matching
○ ColorSync ● Canon Color Matching

2. Select color correction

   Select **ColorSync**.
   You can leave **Profile** set to **Automatic**.

   Important

   - Depending on the application software you use, you may not be able to select setting items other than **ColorSync**.
   - If you choose a **Profile** setting other than **Automatic** or "Printing Paper ICC Profile", the machine will not be able to print with the correct colors.

3. Complete the setup

Click **Print**.
When you execute print, the machine uses the color space of the image data.

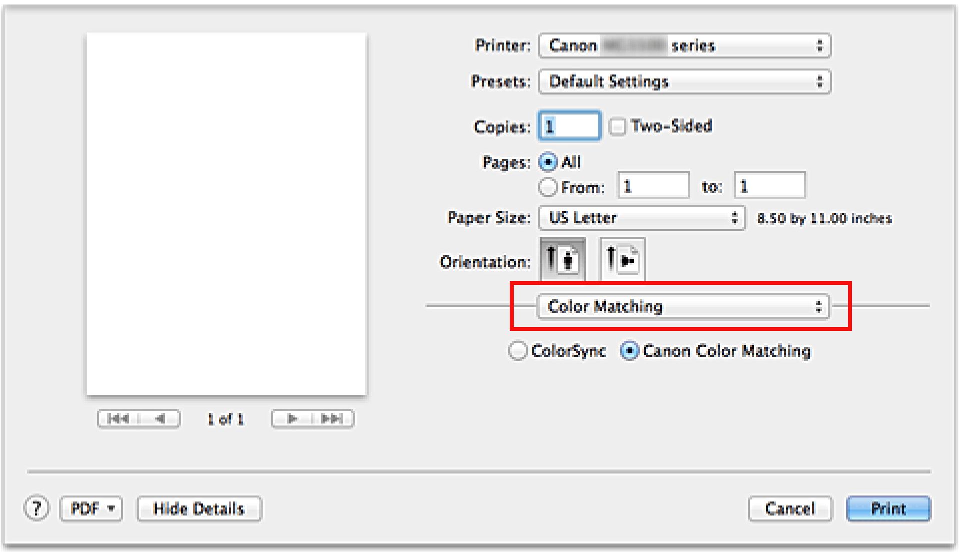
Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast

Printing with ICC Profiles (Specifying an ICC Profile from the Printer Driver)

Print from an application software that cannot identify or specify input ICC profiles by using the color space of the input ICC profile (sRGB) found in the data.

1. Select **Color Matching** from the pop-up menu of the Print Dialog



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Color Matching
○ ColorSync ● Canon Color Matching

2. Select color correction

   Select **ColorSync**.
   You can leave **Profile** set to **Automatic**.

   ### Important

   - If you choose a **Profile** setting other than **Automatic** or "Printing Paper ICC Profile", the machine will not be able to print with the correct colors.

3. Complete the setup

   Click **Print**.
   When you execute print, the machine uses the color space of the image data.

Important

- You cannot specify an input ICC profile from the printer driver.

Related Topics

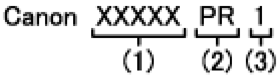
- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance

- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast

Interpreting the ICC Profile

When you need to specify the machine profile, select the ICC profile for the paper to print on.

The ICC profiles installed for this machine appear as follows.



- (1) is the model name of the printer.
- (2) is the media type. This notation corresponds to the following media type:

  GL: Photo Paper Plus Glossy II

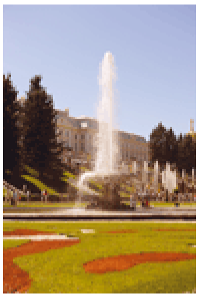
  PT: Photo Paper Pro Platinum

  SG/LU: Photo Paper Plus Semi-gloss / Photo Paper Pro Luster

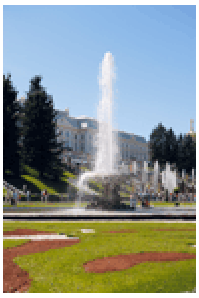
  MP: Matte Photo Paper
- (3) is the print quality.
  The print quality is divided into 5 levels, ranging from high speed to high quality. As the number decreases, the print quality becomes higher. This value corresponds to the **Quality** slide bar that is displayed when you select **Quality & Media** from the pop-up menu of the Print Dialog and then select **Custom** for **Print Quality**.

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



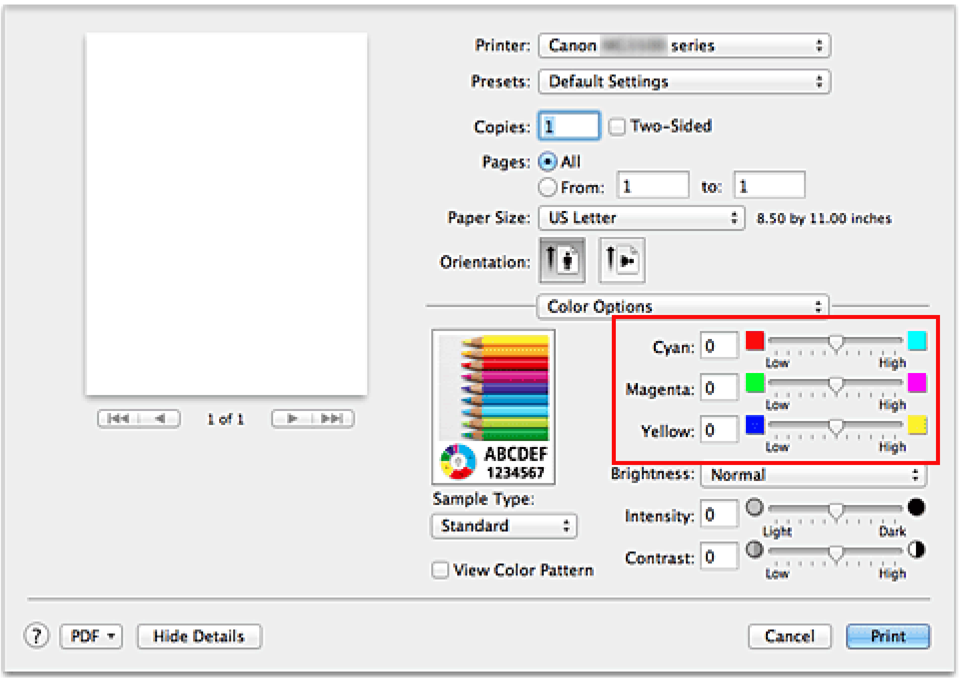
Adjust color balance

The procedure for adjusting color balance is as follows:

1. Select **Color Options** from the pop-up menu of the Print Dialog

2. Adjust color balance

   There are 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.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Color Options

Cyan: 0

Magenta: 0

Yellow: 0

Brightness: Normal

Intensity: 0

Contrast: 0

Sample Type: Standard

☐ View Color Pattern

Important

- Adjust the slider gradually.

3. Complete the setup

Click **Print**.
When you execute print, the document is printed with the adjusted color balance.

Important

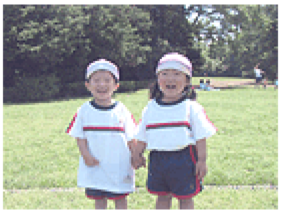
- When the **Grayscale Printing** check box is checked for **Quality & Media**, the color balance (**Cyan**, **Magenta**, **Yellow**) appear grayed out and are unavailable.
- If you select **ColorSync** for **Color Matching**, then the color balance (**Cyan**, **Magenta**, **Yellow**) appear grayed out and is unavailable.

Related Topics

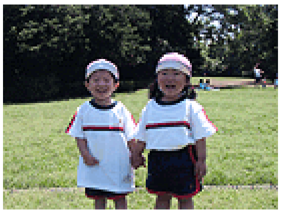
- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast

Adjusting Brightness

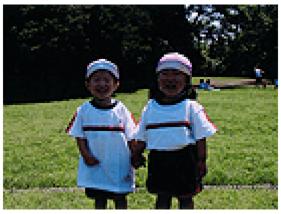
You can change the brightness of the overall image data during printing.
This function does not change pure white or pure black but it changes the brightness of the intermediate colors.
The following sample shows the print result when the brightness setting is changed.



Light is selected



Normal is selected



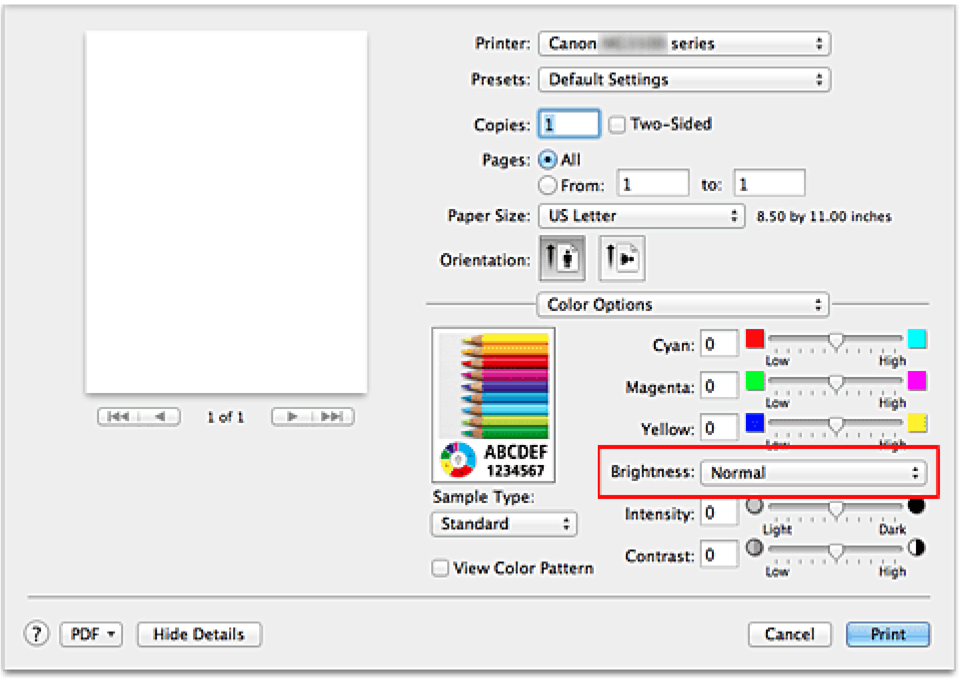
Dark is selected

The procedure for adjusting brightness is as follows:

1. Select **Color Options** from the pop-up menu of the Print Dialog

2. Specify the brightness

   Select **Light**, **Normal**, or **Dark** for **Brightness**. The current settings are displayed in the settings preview on the left side of the printer driver.



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Color Options
Cyan: 0
Magenta: 0
Yellow: 0
Brightness: Normal
Intensity: 0
Contrast: 0
Sample Type: Standard
☐ View Color Pattern

3. Complete the setup

   Click **Print**.
   When you execute print, the data is printed at the specified brightness.

Important

- If you select **ColorSync** for **Color Matching**, then the **Brightness** appear grayed out and is unavailable.

Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Intensity
- Adjusting Contrast

Adjusting Intensity

You can dilute (brighten) or intensify (darken) the colors of the overall image data during printing.
The following sample shows the case when the intensity is increased so that all colors become more intense when the image data is printed.

No adjustment

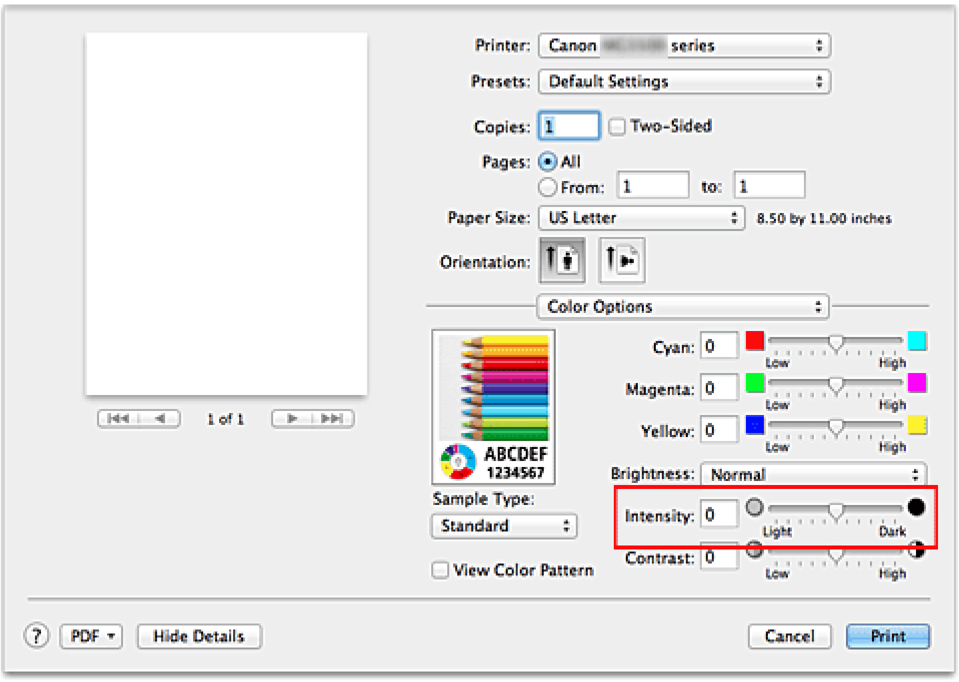
Higher intensity

The procedure for adjusting intensity is as follows:

1. Select **Color Options** from the pop-up menu of the Print Dialog

2. Adjust intensity

   Moving the **Intensity** slider to the right intensifies (darkens) the colors, and moving the slider to the left dilutes (brightens) 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.



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Color Options
Cyan: 0
Magenta: 0
Yellow: 0
Brightness: Normal
Intensity: 0
Contrast: 0
Sample Type: Standard
☐ View Color Pattern

Important

- Adjust the slider gradually.

3. Complete the setup

   Click **Print**.
   When you execute print, the image data is printed with the adjusted intensity.

Important

- If you select **ColorSync** for **Color Matching**, then the **Intensity** appear grayed out and is unavailable.

Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- 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

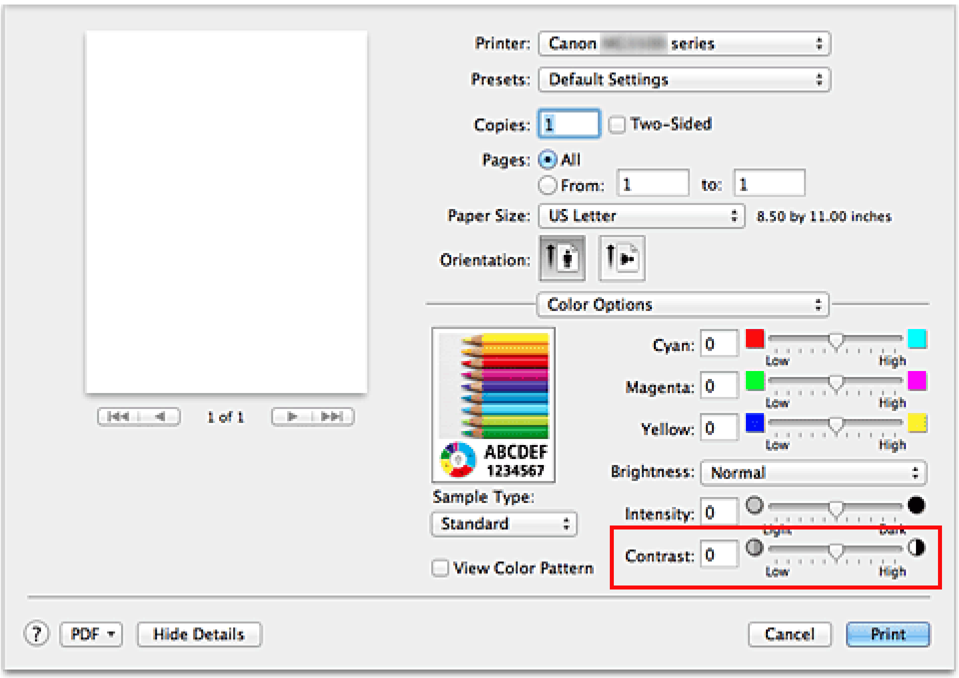
Adjust the contrast

The procedure for adjusting contrast is as follows:

1. Select **Color Options** from the pop-up menu of the Print Dialog

2. Adjust the contrast

   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.



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Color Options
Cyan: 0
Magenta: 0
Yellow: 0
Brightness: Normal
Intensity: 0
Contrast: 0
Sample Type: Standard
☐ View Color Pattern

Important

- Adjust the slider gradually.

3. Complete the setup

   Click **Print**.
   When you execute print, the image is printed with the adjusted contrast.

Important

- If you select **ColorSync** for **Color Matching**, then the **Contrast** appear grayed out and is unavailable.

Related Topics

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Intensity

Overview of the Printer Driver

- Canon IJ Printer Driver
- How to Open the Printer Driver Setup Window
- Page Setup Dialog
- Print Dialog
- Quality & Media
- Color Options
- Borderless Printing
- Margin
- Canon IJ Printer Utility
- Opening the Canon IJ Printer Utility
- Maintenance of this Machine
- Display the Printing Status Screen
- Deleting the Undesired Print Job
- 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 machine.

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.

Using Help of the Printer Driver

You can display Help function from the Print Dialog.

Select a setup item from the pop-up menu in the Print dialog. Then click ? at the bottom left of the screen to display an explanation of the item.

Help for the print driver is displayed when the following pop-up menu item is selected:

- **Quality & Media**
- **Color Options**
- **Borderless Printing**
- **Margin**

How to Open the Printer Driver Setup Window

You can display the printer driver setup window from the application software you are using.

Opening the Page Setup Dialog

Use this procedure to set the page (paper) settings before printing.

1. Select **Page Setup...** from the **File** menu of the application software

   The Page Setup Dialog opens.

Opening the Print Dialog

Use this procedure to set the print settings before printing.

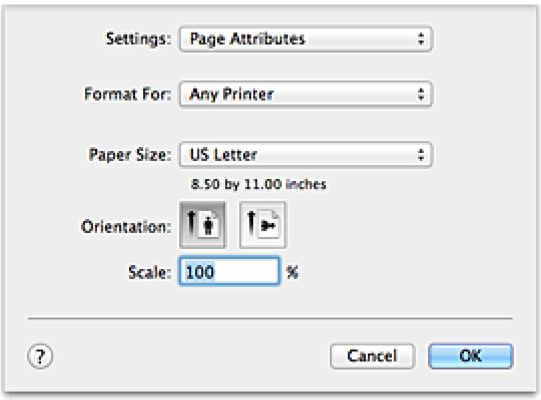
1. Select **Print...** from the **File** menu of the application software

   The Print Dialog opens.

Page Setup Dialog

In the Page Setup dialog, you configure the basic print settings such as the size of paper loaded in the machine or the scaling ratio.

To open the Page Setup dialog, you typically select **Page Setup...** from the **File** menu of your application software.



Settings: Page Attributes

Format For: Any Printer

Paper Size: US Letter

8.50 by 11.00 inches

Orientation:

Scale: 100 %

Settings
Click the pop-up menu, and then select the following items:

Page Attributes
Set the paper size or scaled printing.

Save as Default
You can save the attributes of the displayed page as the default settings.

Format For
Select the model to be used for printing.

Paper Size
Select the size of the paper to be used for printing.
To set a non-standard size, select **Manage Custom Sizes...**.

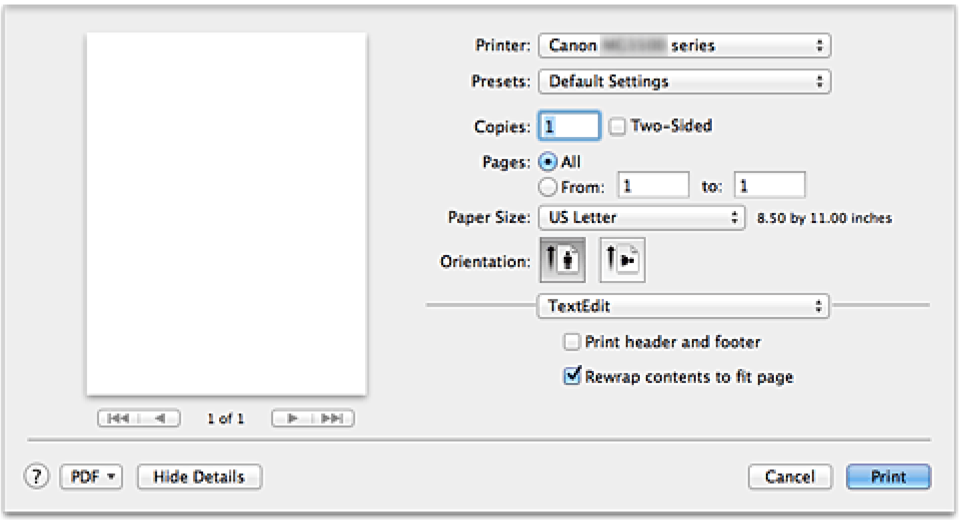
Orientation
Select the print orientation.

Scale
Set the scaling percentage.
You can expand or reduce the size of the document when printing.

Print Dialog

In the Print dialog, you can set paper type and print quality to start printing.

To open the Print dialog, you typically select **Print...** from the **File** menu of your application software.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

TextEdit

☐ Print header and footer

☑ Rewrap contents to fit page

Printer
Select the model to be used for printing.
When you click **Add Printer...**, a dialog for specifying the printer opens.

Presets
You can save or delete the settings of the Print dialog.

Note

- If you are using Mac OS X v10.8 or Mac OS X v10.7, you can select **Show Presets...** to check the print settings that are set in the Print dialog.

Copies
You can set the number of copies to be printed.

Note

- If you are using Mac OS X v10.6.8, you can also set collate printing.
- If you are using Mac OS X v10.8 or Mac OS X v10.7, you can set collated printing by choosing **Paper Handling** from the pop-up menu.

Two-Sided
You can set duplex printing.

Pages
You can set the range of pages to be printed.

Paper Size

Select the size of the paper to be used for printing.
To set a non-standard size, select **Manage Custom Sizes...**.

Orientation

Select the print orientation.

Pop-up Menu

You can switch between pages in the Print dialog by the pop-up menu. The first menu to appear differs depending on the application software that opened the Print dialog.
You can choose one of the following items from the pop-up menu.

Layout

You can set page layout printing.
Use **Reverse page orientation** to change the paper orientation, and use **Flip horizontally** to print a mirror image of the document. You can also set duplex printing.

Color Matching

Select the color correction method.

Paper Handling

You can set the pages to be printed on paper and the print order.

Cover Page

You can output cover pages both before and after a document.

Scheduler

You can set the print start time and print priorities.

Quality & Media

You can set basic print settings that match the machine.

Color Options

You can adjust the print colors as you desire.

Borderless Printing

You can adjust the amount of document that extends off the paper when performing borderless printing.

Margin

You can set the stapling side and the stapling margin.

Supply Levels

A rough indication of the remaining ink level is displayed.

Summary

The selected items in the Print dialog are displayed.

Important

- If you are using Mac OS X v10.8 or Mac OS X v10.7, you cannot use **Scheduler** and **Summary**.

PDF

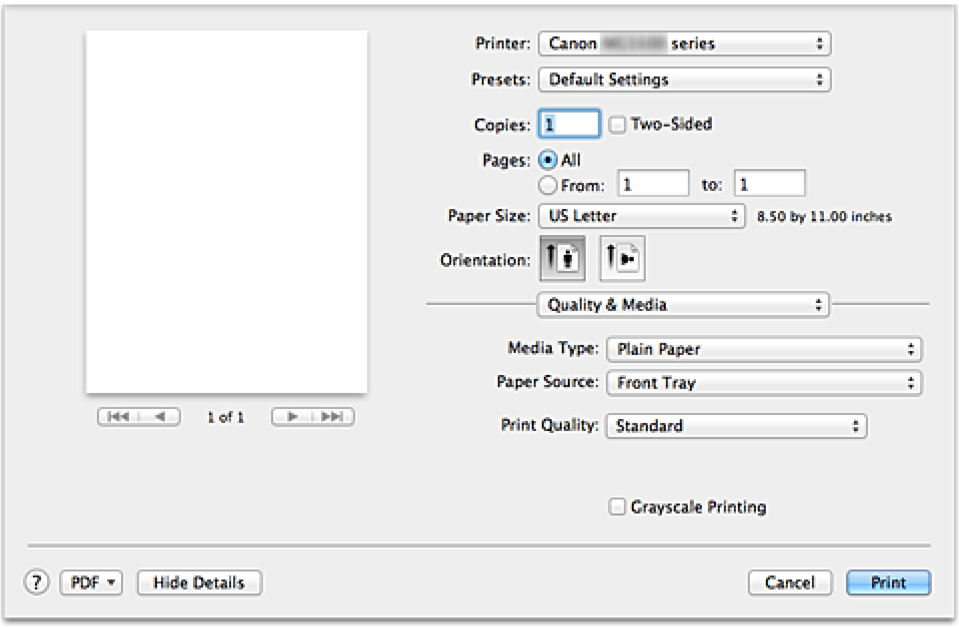
You can save a document in PDF (Portable Document Format) format.

Preview

If you are using Mac OS X v10.6.8, when you click ▲ (the disclosure triangle) on the side of **Printer** and switch to the simple display, **Preview** is displayed.
This button allows you to check the print results on the screen before printing.

Quality & Media

This dialog allows you to create a basic print setup in accordance with the paper type. Unless special printing is required, normal printing can be performed just by setting the items in this dialog.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Quality & Media

Media Type: Plain Paper

Paper Source: Front Tray

Print Quality: Standard

☐ Grayscale Printing

Media Type

Select the type of media to be used.

You must select the type of media actually loaded in the machine. This selection enables the printer to carry out printing properly for the material of the media used.

Paper Source

Shows the source from which paper is supplied.

Print Quality

Select the one that is closest to the original document type and the purpose.

When one of the radio buttons is selected, the appropriate quality will be set automatically.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality.

Draft

This setting is appropriate for test printing.

Custom

Select this radio button to specify a quality.

Quality

When you select **Custom** in **Print Quality**, you can use the slider bar to adjust the print quality level.

Grayscale Printing

Set grayscale printing. Grayscale printing refers to the function of converting your document to grayscale data in the printer to print it in monochrome.
When you check the check box, both monochrome and color documents will be printed in monochrome. When printing a color document, be sure to uncheck the check box.

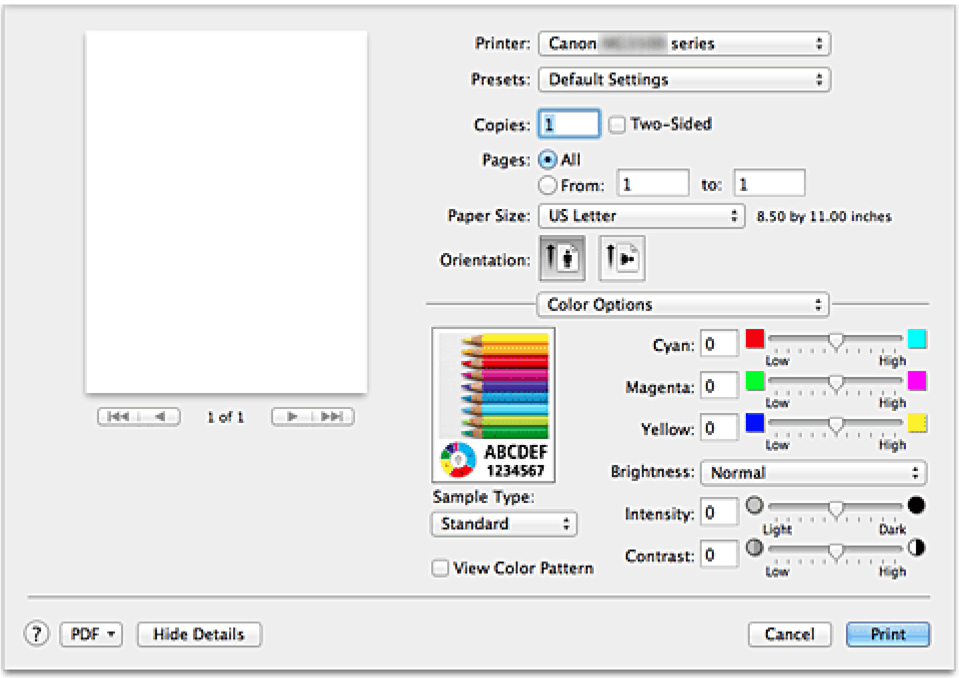
Related Features

- Setting the Print Quality Level (Custom)
- Printing a Color Document in Monochrome

Color Options

This dialog allows you to adjust the print color as you like. If the color of the printed image is not as expected, adjust the properties in the dialog and retry printing.

The adjustments made here do not affect the colors of the original print data unlike application software dedicated to image processing. Use this dialog just to make fine adjustments.



Printer: Canon [redacted] series
Presets: Default Settings
Copies: 1 ☐ Two-Sided
Pages: ● All
○ From: 1 to: 1
Paper Size: US Letter 8.50 by 11.00 inches
Orientation:
Color Options
Cyan: 0
Magenta: 0
Yellow: 0
Brightness: Normal
Intensity: 0
Contrast: 0
Sample Type: Standard
☐ View Color Pattern

Preview
Shows the effect of color adjustment.
As you adjust each item, the effects are reflected in the color and brightness. You can check the color adjustment status easily.

Sample Type
Select an image that you want to display as a sample.
If necessary, select one from **Standard**, **Portrait**, **Landscape**, or **Graphics**, whichever is most similar to the print results.

View Color Pattern
Displays a pattern for checking color changes produced by color adjustment.
When you want to display the sample image with a color pattern, check this check box.
When you want to display the sample image with one that you selected with **Sample Type**, uncheck this check box.

Note

- When the **Grayscale Printing** check box is checked in the **Quality & Media**, the graphic is displayed in monochrome.

Color balance (Cyan, Magenta, Yellow)
If necessary, adjust the strength of each color. To strengthen a color, drag the slider to the right. To weaken a color, drag the slider to the left.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Adjusting the color balance will result in variations in the balance among the volumes of the individual color inks and hence in the hues of the document as a whole.
Use the printer driver only when adjusting the color balance slightly. To change the color balance significantly, use the application software.

Brightness
Select the brightness of printed images.
You cannot change the levels of pure white and black. You can change the contrast of the colors between white and black.

Intensity
Select this method to adjust the overall density of your print.
To increase the overall intensity, drag the slider to the right. To decrease the overall intensity, drag the slider to the left.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Contrast
The Contrast function changes the differences between light and dark in images 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.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Important

- When the **Grayscale Printing** check box is checked for **Quality & Media**, the color balance (**Cyan**, **Magenta**, **Yellow**) appear grayed out and are unavailable.
- If you select **ColorSync** for **Color Matching**, then the color balance (**Cyan**, **Magenta**, **Yellow**), **Brightness**, **Intensity**, and **Contrast** appear grayed out and are unavailable.

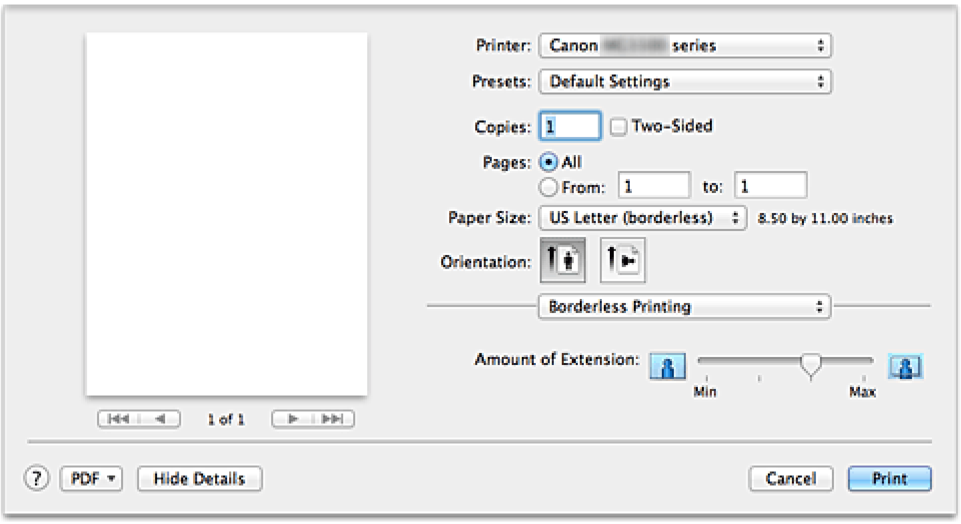
Related Features

- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness

- Adjusting Intensity
- Adjusting Contrast

Borderless Printing

This dialog allows you to adjust the amount of the document that extends off the paper when borderless printing is performed.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All

○ From: 1 to: 1

Paper Size: US Letter (borderless) 8.50 by 11.00 inches

Orientation:

Borderless Printing

Amount of Extension:

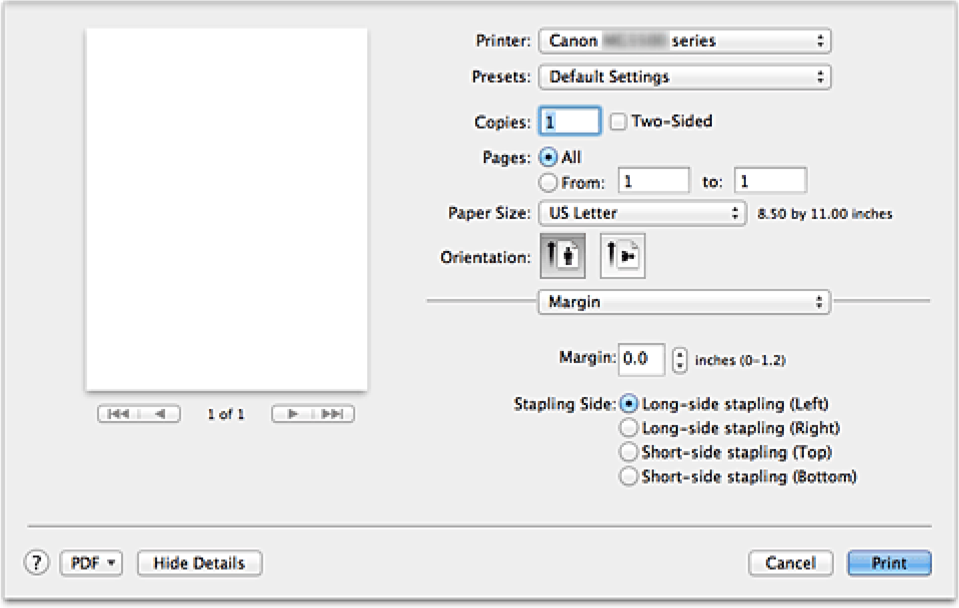
Amount of Extension
Use the **Amount of Extension** slider to adjust the amount of the document that extends off the paper.
Moving the slider to the right makes the amount larger and moving the slider to the left makes the amount smaller.

Related Feature

- Execute Borderless Printing

Margin

This dialog allows you to set the stapling side and amount of margin for stapling multiple sheets of paper.



Printer: Canon [redacted] series

Presets: Default Settings

Copies: 1 ☐ Two-Sided

Pages: ● All
○ From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation:

Margin

Margin: 0.0 inches (0-1.2)

Stapling Side: ● Long-side stapling (Left)
○ Long-side stapling (Right)
○ Short-side stapling (Top)
○ Short-side stapling (Bottom)

Margin
Specify the amount of margin space for stapling the paper. Enter a value between 0 inches (0 mm) to 1.2 inches (30 mm).

Stapling Side
Specify the stapling side.

> **Long-side stapling (Left) / Long-side stapling (Right)**
> Select this option to staple the long side of the paper.
> Choose left or right.
>
> **Short-side stapling (Top) / Short-side stapling (Bottom)**
> Select this option to staple the short side of the paper.
> Choose top or bottom.

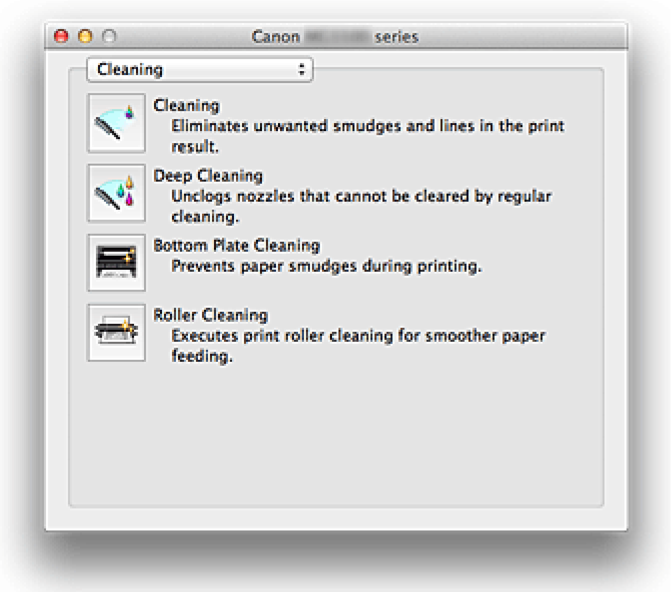
Related Features

- Setting the Stapling Margin
- Duplex Printing

Canon IJ Printer Utility

The Canon IJ Printer Utility allows you to perform machine maintenance or change the settings of the machine.

What You Can Do with the Canon IJ Printer Utility



Cleaning
Eliminates unwanted smudges and lines in the print result.

Deep Cleaning
Unclogs nozzles that cannot be cleared by regular cleaning.

Bottom Plate Cleaning
Prevents paper smudges during printing.

Roller Cleaning
Executes print roller cleaning for smoother paper feeding.

You can switch between pages in Canon IJ Printer Utility by the pop-up menu. You can choose one of the following items from the pop-up menu.

Cleaning
Clean the printer to prevent print smudges and clear up clogged print head nozzle.

Test Print
Execute a test print to check the condition of the print head nozzle and to adjust the print head position.

Power Settings
Operate the power of this machine from the printer driver.

Ink Level Information
Check the remaining ink levels.

Quiet Settings
You can reduce the operating noise of the machine.

Custom Settings
Change the settings of this machine.

Note

- To operate the Canon IJ Printer Utility, you must first turn on the machine.

- Depending on the items selected, the computer communicates with the machine to obtain information. If the computer is unable to communicate with the machine, an error message may be displayed.
  If this happens, click **Cancel** to display the most recent settings specified on your computer.

Related Topics

- Cleaning the Print Heads from Your Computer
- Cleaning Inside the Machine
- Cleaning the Paper Feed Rollers from Your Computer
- Use Your Computer to Print a Nozzle Check Pattern
- Aligning the Print Head Position from Your Computer
- Checking the Ink Status from Your Computer
- Managing the Machine Power
- Reducing the Machine Noise
- Changing the Machine Operation Mode

Opening the Canon IJ Printer Utility

To open the Canon IJ Printer Utility, follow the steps below.

1. Open **System Preferences**, and select **Print & Scan** (**Print & Fax**)

2. Start the Canon IJ Printer Utility

   Select your model from the printer list, and click **Options & Supplies...**.

   Click **Open Printer Utility** in **Utility** tab.

   Canon IJ Printer Utility is launched.

Maintenance of this Machine

- Cleaning the Print Heads from Your Computer
- Cleaning Inside the Machine
- Cleaning the Paper Feed Rollers from Your Computer
- Use Your Computer to Print a Nozzle Check Pattern
- Aligning the Print Head Position from Your Computer
- Checking the Ink Status from Your Computer
- Managing the Machine Power
- Reducing the Machine Noise
- Changing the Machine Operation Mode

Display the Printing Status Screen

Check the print progress according to the following procedure:

1. Launch the printing status screen

   - **If the print data has been sent to the machine**

     The printing status screen opens automatically. To display the printing status screen, click the 🖨 (the printer icon) displayed on the Dock.

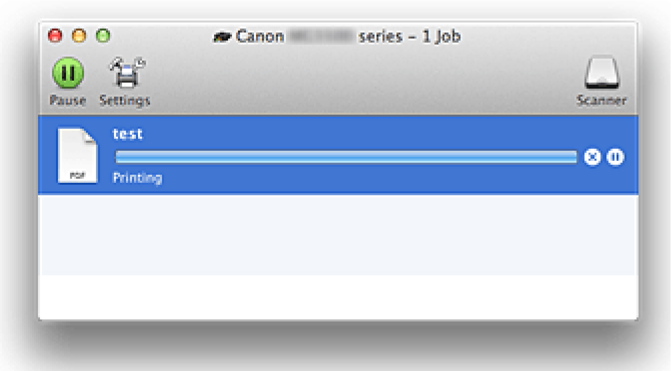
   - **If the print data has not been sent to the machine**

     Open **System Preferences**, and select **Print & Scan** (**Print & Fax**).
     To display the printing status screen, select the name of your printer model from the printer list, and then click **Open Print Queue...**.

2. Checking the printing status

   You can check the name of the file being printed or ready for being printed.

   - **If you are using Mac OS X v10.8**



⊗ Deletes the specified print job.

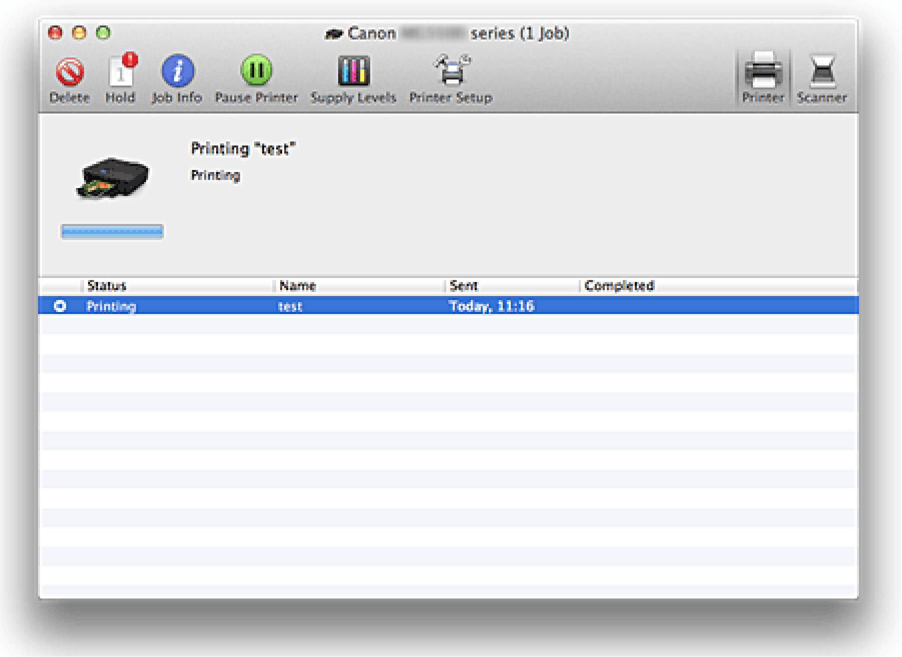
⏸ Stops printing the specified document.

↻ Resumes printing the specified document.

⏸ Stops printing all documents.

▶ Displayed only when printing of all documents is being stopped, and resumes printing all documents.

   - **If you are using Mac OS X v10.7 or Mac OS X v10.6.8**



Printing "test"

Printing

Status	Name	Sent	Completed
Printing	test	Today, 11:16	

🚫 Deletes the specified print job.

❗ Stops printing the specified document.

▶ Resumes printing the specified document.

ℹ Displays the print job information.

⏸ Stops printing all documents.

▶ Displayed only when printing of all documents is being stopped, and resumes printing all documents.

Deleting the Undesired Print Job

If the printer does not start printing, canceled or failed print job data may be remaining. Delete unnecessary print jobs from the print status check screen.

1. Open **System Preferences**, and select **Print & Scan** (**Print & Fax**)

2. Select your model, and then click **Open Print Queue...**

   The print status check screen appears.

3. Select the unnecessary print job and click ⊗ (🚫 **Delete**)

   The selected print jobs will be deleted.

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

- When you set up the Page Setup dialog, be sure to begin by selecting the model you are using from the **Format For** list. If you select another printer, printing may not be performed properly.
- If the Canon IJ Printer Utility does not display the remaining ink level in the **Ink Level Information**, check whether the print head and the ink tank are properly installed.
- When the Canon IJ Printer Utility displays the **Ink Level Information**, close the operation panel of the machine.
- The following functions cannot be used in Mac OS, though they can be used in Windows computers.
  - Duplex Printing (manual)
  - Booklet Printing
  - Tiling/Poster Printing
- Depending on the application software that you are using, a preview may not be displayed on the left side of the Print dialog.
- Do not start up the Canon IJ Network Tool while printing.
- Do not print when the Canon IJ Network Tool is running.
- If you connect this machine and AirPort with a USB cable and print, you must install the latest AirPort firmware.

Notes on Adding a Printer

- If you will be installing the Canon printer driver on Mac OS X and using the printer through a network connection, you can select **Bonjour** or **Canon IJ Network** in the **Add** (**Add Printer**) dialog.
  Canon recommends you to use **Canon IJ Network** for printing.
  If **Bonjour** is selected, remaining ink level messages may differ from those indicated by **Canon IJ Network**.

Updating the Printer Driver

- Obtaining the Latest Printer Driver
- Delete the Unnecessary Canon IJ Printer from the Printer List
- 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.

Obtaining the Printer Driver

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

Delete the Unnecessary Canon IJ Printer from the Printer List

A Canon IJ Printer that you no longer use can be deleted from the printer list.
Before deleting the Canon IJ Printer, disconnect the cable that connects the machine to the computer.

The procedure to delete the unnecessary Canon IJ Printer from the printer list is as follows:

You cannot delete the Canon IJ Printer unless you are logged in as a user with the administrative right. For information about an administrative user, refer to the user's manual for the Mac OS.

1. Open **System Preferences**, and select **Print & Scan** (**Print & Fax**)

2. Delete the Canon IJ Printer from the printer list

   From the printer list, select the Canon IJ Printer to be deleted, and then click **-**.

Note

- Even if a Canon IJ Printer is deleted from the printer list, you can re-register it automatically by connecting the machine to your computer.

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 Personal Computer Settings

- Terminate all running applications.
- Log on as the computer administrator. The installer will prompt you to enter the name and password of the administrative user. When multiple users are using Mac OS X, log on with the account of the administrator who registered first.

Important

- When you upgrade from Mac OS X v10.7 to Mac OS X v10.8 or Mac OS X v10.6.8 to Mac OS X v10.7, all printer drivers that were installed will be deleted.
  If you plan to continue using this machine, re-install the latest printer driver.

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. Mount the disk

   Double-click the disk image file you have downloaded.
   The file is unpacked, and then the disk is mounted.

2. Start the installer

   Double-click "PrinterDriver_XXX_YYY.pkg" (where "XXX" is your model name, and "YYY" is version) contained in the disk.

3. Start the installation

   Install the printer driver according to the messages on the screen.

   When the Software License Agreement is displayed, check the contents, and click **Continue**. If you do not agree to the terms of the Software License Agreement, you cannot install this software.

4. Selecting the install destination

   If necessary, select where you want to install the printer driver, and then click **Continue**.

5. Executing the installation

   Click **Install**.
   When the authentication screen is displayed, enter the name and password of the administrator, and then click **Install Software**.

6. Complete the installation

   When the completion message appears, click **Close**.

The printer driver is installed successfully.

Important

- If the Installer does not operate properly, select **Quit Installer** from the **Installer** menu of the Finder to quit the Installer. Then start the Installer again.
- You can download the printer driver for free, but you are responsible for paying any connection fees to the Internet.

Related Topics

- Obtaining the Latest Printer Driver
- Delete the Unnecessary Canon IJ Printer from the Printer List
- Before Installing the Printer Driver

Printing Using the Operation Panel of the Machine

- ➡ Printing Photo Data
- ➡ Using the Slide Show Function
- ➡ Printing Template Forms Such As Lined Paper or Graph Paper
- ➡ Printing Documents (PDF File) Saved on a Memory Card

Printing Photo Data

- ➡ Printing Photographs Saved on a Memory Card
- ➡ About Advanced photo Menu
- ➡ Selecting and Printing Photos
- ➡ Printing Photo with Trimming
- ➡ Setting Items
- ➡ Using Useful Display Functions

Printing Photographs Saved on a Memory Card

You can print the photograph saved on the memory card easily.

This section describes the procedure to print the photograph in **Photo**.

1. Make sure that the machine is turned on.

2. Load photo paper.

3. Select **Photo** on the **HOME** screen.

   ➡LCD and Operation Panel

4. Insert the memory card into the card slot.

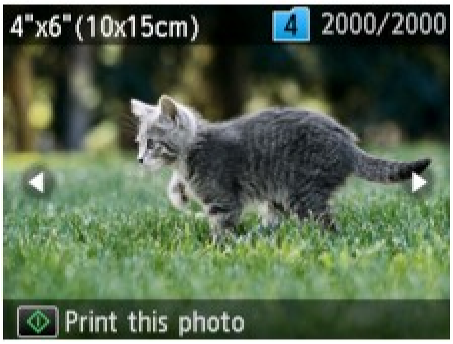
   The photo selection screen is displayed.

   Note

   - When you insert the memory card before you select **Photo** on the **HOME** screen, the photo selection screen is displayed.

     If both photo files and PDF files are saved on the memory card, the confirmation screen to select which file you print is displayed. Select **Print photos** in the displayed screen, then press the **OK** button.
   - If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the LCD.
   - If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the LCD, then press the **OK** button.

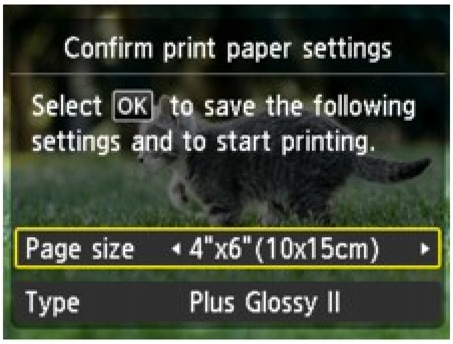
5. Use the ◀▶ button to select the photo to print.



6. Press the **Color** button.

7. Select the page size and media type.

   Use the ▲▼ button to select the setting item and use the ◀▶ button to change the settings.



Confirm print paper settings

Select OK to save the following settings and to start printing.

Page size 4"x6"(10x15cm)

Type Plus Glossy II

Note

- The **Confirm print paper settings** screen is not displayed when you print the next photo because the print settings are memorized in the machine. To change the print settings, press the **HOME** button to return to the **HOME** screen or reinsert the memory card.

8. Press the **OK** button.

The machine starts printing.

Note

- Press the **Stop** button to cancel printing.
- While processing the print job, you can add the print job (Reserve photo print).
  - The reserved photo icon appears on the photo included in the print job.
  - While processing the print job, the photo in other group is not selected.
  - While processing the print job, you cannot display the **HOME** screen, change the print menu, or print from the computer or other devices.
  - If you press the **Stop** button while processing the print job, the screen to select a method to cancel reservation is displayed. If you select **Cancel all reservations** then press the **OK** button, you can cancel printing all photos. If you select **Cancel the last reservation** then press the **OK** button, you can cancel the last printing job.
  - If there are many print jobs, **Cannot reserve more print jobs. Please wait a while and redo the operation.** may be displayed on the LCD. In this case, wait a while, then add the print job.

About Advanced photo Menu

The following menus are selectable in the **Advanced print** menu to print photos saved on the memory card.

Select photo print

You can specify the number of copies for the desired photo and print.

➡Selecting and Printing Photos

Trimming print

You can edit photo displayed on the LCD by trimming them and print.

➡Printing Photo with Trimming

Slide show

You can view the photos saved on the memory card with the slide show.

➡Printing Photo While Viewing the Slide Show

Selecting and Printing Photos

You can view each photo from the memory card on the LCD and print the desired photo.

You can also specify the number of copies for each photo and add the print job.

1. Make sure that the machine is turned on.

2. Load photo paper.

3. Select **Advanced print** on the **HOME** screen.

   ➡LCD and Operation Panel

4. Insert the memory card into the card slot.

   Note

   - If you insert the memory card before you select **Advanced print** on the **HOME** screen, the photo selection screen in **Photo** is displayed.

     If both photo files and PDF files are saved on the memory card the confirmation screen to select which file you print is displayed.

     To display the **HOME** screen, press the **HOME** button.

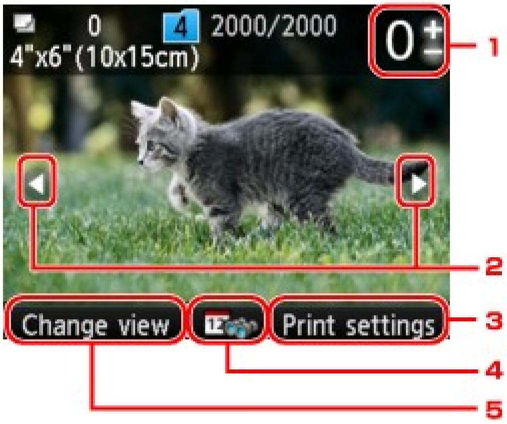
5. Select **Select photo print**, then press the **OK** button.

   The photo selection screen is displayed.

   Note

   - If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the LCD.
   - If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the LCD, then press the **OK** button.

6. Specify the settings as necessary.



   1. Number of copies

      Specify by using the **+** or **-** button.

   2. Selection photo

      Select the photo you want to print by using the ◀▶ button.

   3. **Print settings**

      By pressing the right **Function** button, the print settings confirmation screen is displayed.

      On the print settings confirmation screen, you can change the settings of page size, media type, and print quality and so on.

      ➡Setting Items

   4. Date specification

      By pressing the center **Function** button, you can select photo with specifying the date (last modified date of data).

      ➡Using Useful Display Functions

   5. **Change view**

      By pressing the left **Function** button, you can change the display method.

      ➡Using Useful Display Functions

   Note

   - If you specify the number of copies for each photo, use the ◀▶ button to display the photo you want to print and use the **+** or **-** button to specify the number of copies when the desired photo is displayed.
   - You can also display the screen to specify the number of copies by pressing the **OK** button when the desired photo is displayed. When the screen to specify the number of copies is displayed, specify the number of copies by using the **+** or **-** buttons. Press the **OK** button to display the photo selection screen.

7. Press the **Color** button.

   The machine starts printing.

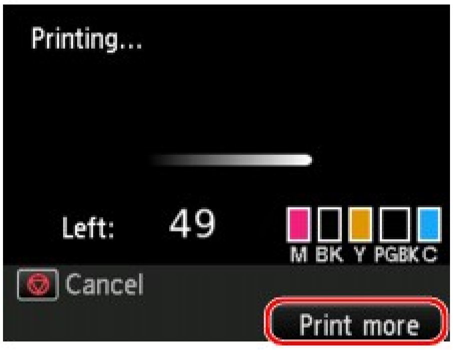
   Note

   - To cancel printing, press the **Stop** button.
   - You can add the print job by pressing the right **Function** button while printing.

     ➡Adding the Print Job

Adding the Print Job

You can display photo selection screen again and add the print job (Reserve photo print) while printing photos.



Printing...

Left: 49

1. Press the right **Function** button when the print progress screen is displayed.

   The photo selection screen is displayed.

   Note

   - While the photo selection screen is displayed, the machine prints the reserved photos.

2. Select the photo you want to print and specify the number of copies for each photo.

   Note

   - The reserved photo icon appears on the photo included in the print job.

3. Press the **Color** button.

   The reserved photo is printed next to the photo that has already been started printing.

   If you want to print more photos, operate from step 1 again.

Note

- While processing the print job, you cannot display the **HOME** screen, change the print menu, or print from the computer or other devices.
- While processing the print job, the photo in other group is not selected.
- While processing the print job, you cannot change the setting for **Page size** or **Type** on print settings confirmation screen. The setting is the same as the setting for the photo included in the print job.
- If you press the **Stop** button while processing the print job, the screen to select a method to cancel reservation is displayed. If you select **Cancel all reservations** then press the **OK** button, you can cancel printing all photos. If you select **Cancel the last reservation** then press the **OK** button, you can cancel the last printing job.
- If there are many print jobs, **Cannot reserve more print jobs. Please wait a while and redo the operation.** may be displayed on the LCD. In this case, wait a while, then add the print job.

Printing Photo with Trimming

You can edit photo displayed on the LCD by trimming them and print.

1. Make sure that the machine is turned on.

2. Load photo paper.

3. Select **Advanced print** on the **HOME** screen.

   ➡LCD and Operation Panel

4. Insert the memory card into the card slot.

   Note

   - If you insert the memory card before you select **Advanced print** on the **HOME** screen, the photo selection screen in **Photo** is displayed.

     If both photo files and PDF files are saved on the memory card, the confirmation screen to select which file you print is displayed.

     To display the **HOME** screen, press the **HOME** button.

5. Select **Trimming print**, then press the **OK** button.

   Note

   - If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the LCD.
   - If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the LCD, then press the **OK** button.

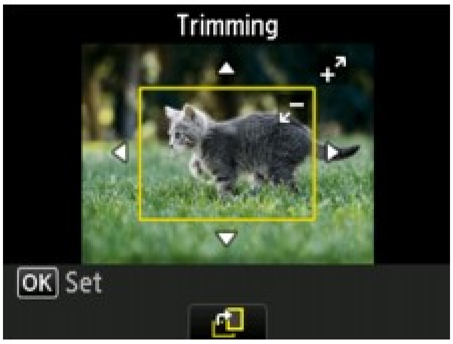
6. Use the ◄► button to select the photo to print, then press the **OK** button.

   Note

   - Other Options

     ➡Using Useful Display Functions

7. Trim the print area.



Use the following buttons to trim the print area.

▲, ▼, ◀, and ▶ buttons:

Positions the trimming frame.

+ or - button:

Sets the trimming frame size.

Center Function button:

Rotates the trimming frame. To switch the trimming frame between portrait and landscape orientations, press this button.

8. Press the **OK** button to finalize your selection of trimming area.

The area to be cropped is specified, and the print setting confirmation screen is displayed.

9. Specify the settings as necessary.

To specify the number of copies, use the **+** or **-** button.

➡Setting Items

10. Press the **Color** button.

The machine starts printing.

Note

- To cancel printing, press the **Stop** button.
- You can add the print job by pressing the right **Function** button while printing.

  ➡Adding the Print Job
- The trimming image cannot be newly saved on the memory card.

Setting Items

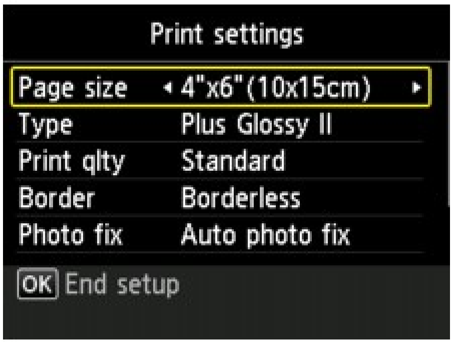
You can specify the setting of page size, media type, photo fix and so on to print the photos saved on the memory card with the print menu in **Advanced print**.

Print Settings Screen

How to display the print settings screen varies with the print menu.

- **In Select photo print or Slide show:**

  The following screen is displayed by pressing the right **Function** button on the photo selection screen.



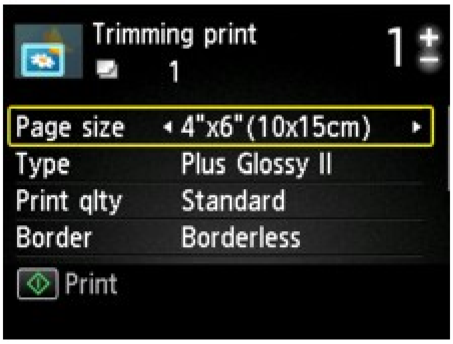
Print settings

Page size ◂ 4"x6"(10x15cm) ▸
Type Plus Glossy II
Print qlty Standard
Border Borderless
Photo fix Auto photo fix

OK End setup

- **In Trimming print:**

  The following screen is displayed before printing.



Trimming print
1
1 ±

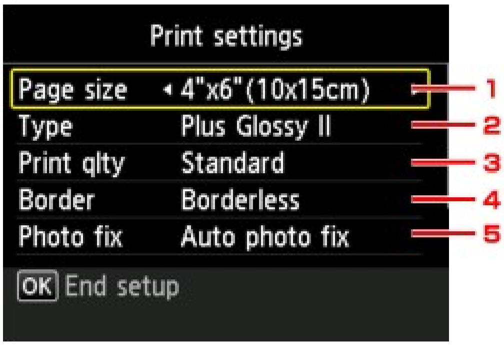
Page size ◂ 4"x6"(10x15cm) ▸
Type Plus Glossy II
Print qlty Standard
Border Borderless

Print

Setting Items

You can specify the following setting items.

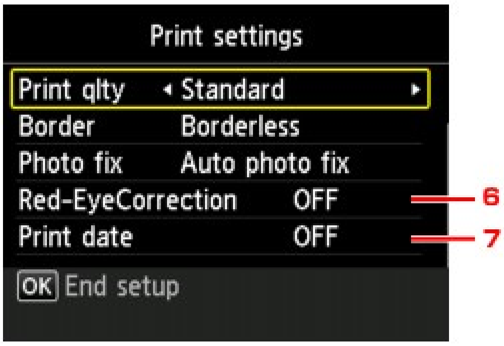
Use the ▲▼ button to change the setting item and use the ◀▶ button to change the setting.



Print settings

Page size ◂ 4"x6"(10x15cm) — 1
Type Plus Glossy II — 2
Print qlty Standard — 3
Border Borderless — 4
Photo fix Auto photo fix — 5

OK End setup



Print settings

Print qlty ◂ Standard ▸
Border Borderless
Photo fix Auto photo fix
Red-EyeCorrection OFF — 6
Print date OFF — 7

OK End setup

Note

- Depending on the print menu, some setting items cannot be selected. This section describes the setting items in **Select photo print**.

  The setting item which cannot be selected is displayed grayed out or not displayed.
- Some settings cannot be specified in combination with the other setting items or the print menus. If the setting which cannot be specified in combination is selected, **Error details** is displayed on the LCD. In this case, press the left **Function** button to confirm the message, then change the setting.
- The settings of the page size, media type, etc. are retained even if another print menu is selected or the machine is turned off.

1. **Page size**

   Select the page size of the loaded paper.

2. **Type** (Media type)

   Select the media type of the loaded paper.

3. **Print qlty** (Print quality)

   Select print quality according to the photo.

4. **Border** (Bordered/Borderless print)

   Select bordered or borderless print.

5. **Photo fix**

   When **Auto photo fix** is selected, the scene or person's face of a shot photo is recognized and the most suitable correction for each photo is made automatically. It makes a darkened face by backlight brighter to print. It also analyzes a scene such as scenery, night scene, person, etc. and corrects each scene with the most suitable color, brightness, or contrasts automatically to print.

   Note

   - As a default, photos on the memory card are printed with auto correction applied.
   - If **No correction** is selected, photos are printed without correction.

6. **Red-EyeCorrection**

   Corrects red eyes in portraits caused by flash photography.

   Depending on the type of the photo, red eyes may not be corrected or parts other than the eyes may be corrected.

7. **Print date**

   Activates/deactivates to print the date (shooting date) on a photo.

   Note

   - The shooting date is printed according to the settings of **Date display format** in **Device user settings** under **Device settings** under **Setup**.

➡Device user settings

Using Useful Display Functions

In some of photo print menus in **Advanced print**, you can change the method to display the photos saved on the memory card and specify the date (last modified date of data) to select photos.

➡Changing the Method to Display

➡Specifying Date to Select Photo

Changing the Method to Display

By pressing the left **Function** button on the photo selection screen, the screen to select a display method is displayed.

Use the ▲▼ button to select the display method, then press the **OK** button.

The following methods are selectable.

- **Standard view**:

  The photos are displayed one by one. To select the photo, use the ◀▶ button.

- **List view (x9)**:

  Nine photos are displayed at a time. To select the photo, use the ▲▼◀▶ button.

  Note

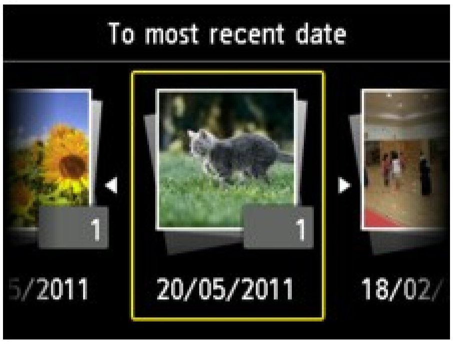
  - In **Select photo print**, you can specify the number of copies for each photo you want to print by using the **+** or **-** button.

- **List view (x45)**:

  45 photos are displayed at a time. To select the photo, use the ▲▼◀▶ button.

Specifying Date to Select Photo

By pressing the center **Function** button on the photo selection screen, the following screen is displayed.



Use the ◀▶ button to select the date (last modified date of data), then press the **OK** button.

The photos on date specified are displayed.

Note

- The date is displayed according to the settings of **Date display format** in **Device user settings** under **Device settings** under **Setup**.

  ➡Device user settings

Using the Slide Show Function

- ➡ Printing Photo While Viewing the Slide Show

Printing Photo While Viewing the Slide Show

You can view the photos saved on the memory card with the slide show.

In the slide show, the photos are displayed one after another automatically.

While viewing the slide show, you can print your favorite photo.

1. Make sure that the machine is turned on.

2. Select **Advanced print** on the **HOME** screen.

   ➡LCD and Operation Panel

3. Insert the memory card into the card slot.

   Note

   - If you insert the memory card before you select **Advanced print** on the **HOME** screen, the photo selection screen in **Photo** is displayed.

     If both photo files and PDF files are saved on the memory card the confirmation screen to select which file you print is displayed.

     To display the **HOME** screen, press the **HOME** button.

4. Select **Slide show**, then press the **OK** button.

   Note

   - If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the LCD.
   - If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the LCD, then press the **OK** button.

5. Use the ▲▼ button to select the effect for playback, then press the **OK** button.

   Note

   - To display the photos in the specified range of dates or change the display order, press the right **Function** button.

     If you display the photos in the specified range of dates, follow the on-screen instructions to specify the start and end of the date.

6. Press the **OK** button.

7. Use the ▲▼ button to select whether to display the date (shooting date) of photo, then press the **OK** button.

   The slide show starts playing back.

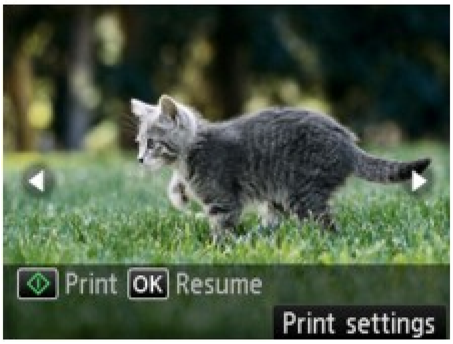
Note

- By pressing the **OK** button while the slide show is played back, the slide show pauses.

  You can print the displayed photo by pressing the **Color** button while the slide show pauses.
- If you want to view the slide show of another group when the photo data is split by group per 2,000 photos, use the ◀▶ button to change the group while the slide show pauses.

When Printing Photo

When the slide show pauses by pressing the **OK** button, you can print the displayed photo.



When starting printing, load paper, then press the **Color** button.

Note

- You can change the print settings by pressing the right **Function** button.

  ➡Setting Items
- You can select the photo to print by using the ◀▶ button. When pressing and holding the ◀▶ button, the photo is scrolled by 10 photos.
- To resume the slide show, press the **OK** button while the slide show pauses.
- You can resume the slide show by pressing the right **Function** button while printing. If the printing is not complete, you can print the displayed photo by pausing the slide show again and pressing the **Color** button.
- To cancel the slide show, press the **HOME** button.

Printing Template Forms Such As Lined Paper or Graph Paper

You can print a template form such as lined paper, graph paper, or checklist, etc. on A4, B5, or Letter-sized plain paper.

➡Printable template forms

➡Printing template forms

Note

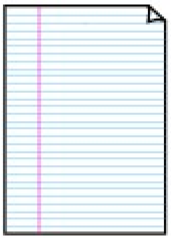
- You use the Web service to download the template form and to print it.

  ➡Downloading and Printing Template Forms

Printable template forms

The following templates are available:

- **Notebook paper**



You can select three line spacing formats.

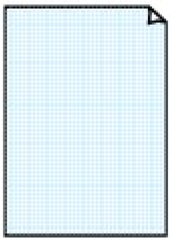
Setting on the LCD:

- **Notebook paper 1**: **8 mm spacing**
- **Notebook paper 2**: **7 mm spacing**
- **Notebook paper 3**: **6 mm spacing**

Note

- You cannot print Notebook paper on B5 sized paper.

- **Graph paper**



You can select two square sizes.

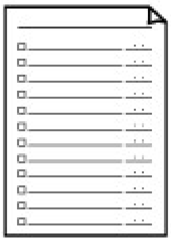
Setting on the LCD:

- **Graph paper 1**: **Graph 5 mm**
- **Graph paper 2**: **Graph 3 mm**

Note

- You cannot print Graph paper on B5 sized paper.

- **Checklist**

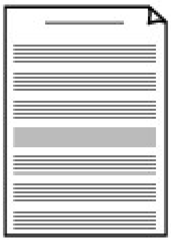


You can print a notepad with checkboxes.

Setting on the LCD:

Checklist

- **Staff paper**



You can print staff paper with 10 or 12 staves.

Setting on the LCD:

  - **Staff paper 1**: **Staff paper 10 staves**
  - **Staff paper 2**: **Staff paper 12 staves**

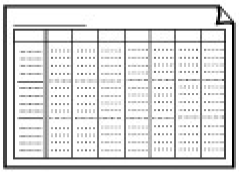
- **Handwriting paper**

You can print handwriting paper.

Setting on the LCD:

Handwriting paper

- **Weekly schedule**

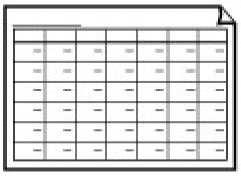


You can print a weekly schedule form.

Setting on the LCD:

Weekly schedule

- **Monthly schedule**



You can print a monthly schedule form.

Setting on the LCD:

Monthly schedule

Printing template forms

Print template form following the procedure below.

1. Make sure that the machine is turned on.

2. Load A4, B5, or Letter-sized plain paper.

3. Select **Advanced print** on the **HOME** screen.

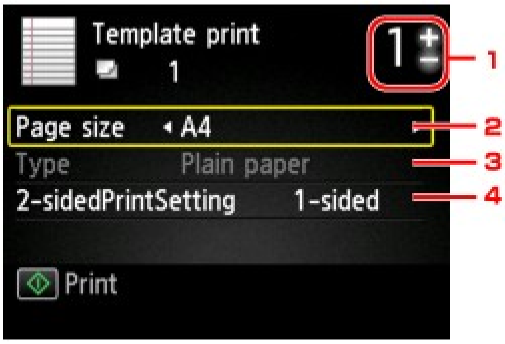
   ➡LCD and Operation Panel

4. Select **Template print**, then press the **OK** button.

5. Use the ▲▼◀▶ button to select the template you want to print, then press the **OK** button.

   ➡Printable template forms

6. Specify the settings as necessary.


Template print

1

Page size ◂ A4

Type Plain paper

2-sidedPrintSetting 1-sided

Print

   1. Number of copies

      Use the **+** or **-** button to specify the number of copies.

   2. **Page size**

      Select the page size depending on the loaded paper.

      Note

      - Depending on the form, some setting of page size cannot be specified. If it is selected, **Error details** is displayed on the LCD. In this case, press the left **Function** button to confirm the message, then change the setting.

   3. **Type** (Media type)

      The paper type is set to **Plain paper**.

   4. **2-sidedPrintSetting**

      Select two-sided printing or single-sided printing.

7. Start printing.

   Press the **Color** button for printing the following forms.

   Notebook paper 1/**Notebook paper 2**/**Notebook paper 3**/**Graph paper 1**/**Graph paper 2**/**Handwriting paper**

   Press the **Black** button for printing the following forms.

   Checklist/**Staff paper 1**/**Staff paper 2**/**Weekly schedule**/**Monthly schedule**

Printing Documents (PDF File) Saved on a Memory Card

You can print PDF files scanned using the operation panel of the machine or made using Canon IJ Scan Utility or My Image Garden (application software compatible with the machine) from a memory card.

Note

- You can print PDF files from a memory card which satisfy the following conditions. Other than the following PDF file cannot be printed even if they appear on the document list.
  - PDF files scanned using the operation panel of the machine and saved on a memory card with **Format** set to **PDF** or **Compact PDF** (Extension: .pdf)

    For details on scanning using the operation panel of the machine:

    ➡Saving Scanned Data on the Memory Card Using the Operation Panel of the Machine
  - PDF files made using Canon IJ Scan Utility or My Image Garden (application software compatible with the machine) (Extension: .pdf)

    Except for the following data:

    -Encrypted data

    -Data more than 2 GB

    -Data including images scanned at 9601 pixels or more in the vertical and horizontal directions

    For details on making PDF files using My Image Garden (application software compatible with the machine):

    ➡Creating/Editing PDF Files

    For details on making PDF files using Canon IJ Scan Utility (application software compatible with the machine):

    ➡Scanning Documents

1. Make sure that the machine is turned on.

2. Load A4 or Letter-sized plain paper.

3. Select **Advanced print** on the **HOME** screen.

   ➡LCD and Operation Panel

4. Select **PDF file print**, then press the **OK** button.

5. Insert the memory card into the card slot.

   The document list is displayed.

   Note

   - If both photo files and PDF files are saved on the memory card, when the memory card is inserted before you select **PDF file print**, the confirmation screen to select which file you print is displayed. Select **Print documents** in the displayed screen, then press the **OK** button.

- If no printable document (PDF files) is saved on the memory card, **Data of supported types are not saved.** is displayed on the LCD.

6. Select the document to print, then press the **OK** button.

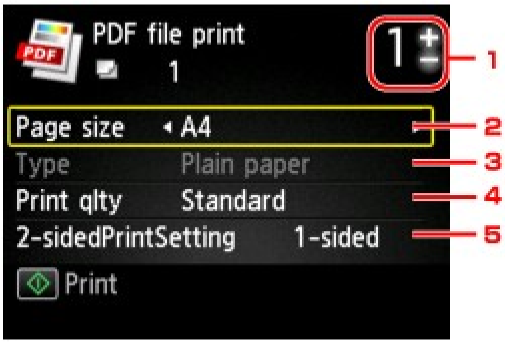
   Use the ▲▼ button to select the document to print on the list view and use the ◀▶ button to select the document to print on the preview.

   Note

   - File names may not be displayed properly on the document list if the file name is long or includes incompatible characters.
   - When the document list is displayed, pressing the left **Function** button displays the preview screen. On the preview screen, the first page of each PDF file is displayed on the LCD. In addition, if a document is in landscape format, it will be displayed rotated by 90 degrees.
   - For some PDF files, it may take longer to display the preview or part of the preview may be cropped.
   - The name of the PDF files is displayed even though the PDF files cannot be printed using the operation panel of the machine. If one of the following conditions is applicable to the PDF files, they are not printable.
     - PDF files saved using application software other than Canon IJ Scan Utility and My Image Garden (application software compatible with the machine)
     - PDF files for which the preview screen is not available ("?" is displayed on the preview screen.)
   - It is recommended you confirm whether a PDF file is printable. When the document list is displayed, pressing the right **Function** button displays the **Details** screen. If one of the following conditions is applicable to the PDF file, it is not printable.
     - Information on the **Details** screen cannot be displayed.
     - Characters other than the machine name, **IJ Scan Utility**, or **My Image Garden** are displayed on **Created with**.
   - The PDF files made using application software other than Canon IJ Scan Utility and My Image Garden (application software compatible with the machine) are not printable even if they are saved using Canon IJ Scan Utility or My Image Garden.

7. Specify the settings as necessary.

   Use the ▲▼ button to select the setting item and use the ◀▶ button to change the settings.



PDF file print
1
1 ±
Page size ◂ A4
Type Plain paper
Print qlty Standard
2-sidedPrintSetting 1-sided
Print

   1. Number of copies

      Use the **+** or **-** button to specify the number of copies.

2. **Page size**

   Select the page size depending on the loaded paper.

3. **Type** (Media type)

   The paper type is set to **Plain paper**.

4. **Print qlty** (Print quality)

   Specify the print quality.

5. **2-sidedPrintSetting**

   Select two-sided printing or single-sided printing.

   When **2-sided** is selected, you can select the orientation and the stapling side of the paper by pressing the right **Function** button.

   Note

   - When the machine name, **IJ Scan Utility**, or **My Image Garden** is displayed in **Created with** on the **Details** screen, you can select **2-sided** to print onto the both sides of a single sheet of paper.

8. Press the **Color** button.

   The machine starts printing.

Note

- You can print up to 250 pages at a time. If you try to print more than 250 pages of a PDF file, **The specified PDF file contains too many pages. The pages exceeding the number of printable pages will not be printed. Continue?** is displayed on the LCD. To start printing, select **Yes** and press the **OK** button. If you need to print more than 250 pages of a PDF file, print them from a computer.
- Depending on the PDF file, it may be printed rotated by 90 degrees.
- If the document size is larger than the page size specified on the machine, the document will be printed at a reduced size. In this case, thin lines on the document may not be printed or images may be misaligned.
- For some PDF files, an error message may be displayed before printing starts or while printing is in progress.

  For details, see A Message Is Displayed.

Using Web Service Printing

- ➡ Notice for Web Service Printing
- ➡ Printing Photos in Online Photo Album
- ➡ Downloading and Printing Template Forms
- ➡ Settings for Web Service

Notice for Web Service Printing

When Using Web Service

- Canon does not guarantee the continuity and reliability of the web services provided, the availability of site access, or permission to download the materials.
- Canon may at any time update, change, or delete the information provided through the web service, or may suspend or discontinue the service without prior notice. Canon shall not be held responsible for any damages resulting from such actions.
- In no event shall Canon be liable for any damages whatsoever resulting from the use of the web services.
- User registration is necessary before using the photo sharing site.

  When you use the photo sharing site, observe the conditions of use of the site and use the service within your own responsibility.
- All or part of the web service may not be available depending on the country or region you live in.
- Depending on your network environment, some functions on web service are not available. Even if they are available, it may take a while to print or display the contents, or communication may be interrupted while operation is in progress.
- When you use web service, your machine's name, information of your region or country, your selected language, and what kind of service you use (e.g. photo sharing site) are sent to and saved in our server. Canon is unable to identify specific customers using this information.
- Your login name and password for the photo sharing site are saved in the machine's memory (not encrypted).

  If you hand over the machine to anyone or dispose of it, delete your login name and password from the machine's memory in advance.
- The account information will be sent to Canon Inc. server (located in Japan), then forwarded to the service provider's server.
- Canon handles your account information as follows:

  - Your account information will be used in personal identification process of the selected service.

  - Canon will not provide your account information to any third party without your consent, except for sending to the service provider or providing based on laws and regulations.

  - After the conclusion of non-disclosure agreement, Canon may deposit your account information to the contractor to achieve the purpose of use.

  - Canon endeavors to secure the safety of your account information.

  - It is at your option to enter and send your account information. However, the service that requires to enter your account information is not available unless you enter and send it.

  - Your account information does not remain in Canon Inc. server. At the latest, it will be deleted when you have disconnected your printer from LAN.

  - For details, contact a Canon-authorized sales representative in the country or region you live in.

Copyrights and Rights of Publicity

When printing from the photo sharing site:

- Observe the conditions of use of the photo sharing site when you use photos on the site.
- It is unlawful to reproduce or edit the copyrighted work of another person without permission from the copyright holder, except for personal use, use within the home, or other use within the limited scope as defined by the copyright. Additionally, reproducing or editing photographs of people may infringe on Rights of Publicity.

When printing downloaded template forms:

1. The copyright of each material (photos, illustrations, logos, or documents: hereinafter referred to as "the materials") provided on the web template printing service belongs to their respective owners. Issues pertaining to Rights of Publicity may arise regarding the use of any of people or characters displayed on the web template printing service.

   Except as otherwise permitted (please see "2" below), copying, modifying or distributing all or a portion of any of the materials contained on the web template printing service without prior consent of the respective rights (Rights of Publicity and Copyright) holder is strictly prohibited.
2. All of the materials provided on the web template printing service can be freely used for personal and non-commercial purposes.

Printing Photos in Online Photo Album

You can access the internet photo sharing site using the operation panel of the machine and print the photo in online photo album (photos uploaded from devices such as computer).

Important

- If the firmware of the machine is updated, the screen, the operating procedure, and the menu function will be changed.

  For details on the operating after the firmware update:

  ➡Use the Machine's Cloud Function

Before using the web service, see the terms of service.

➡Notice for Web Service Printing

To access the photo sharing site from the machine, you have to register the account on the photo sharing site to the machine. Refer to the following and register the account.

➡Registering the Account on Photo Sharing Site

Important

- LAN connection with the machine and internet connection are required to use this function.
- Before you use this function, you have to get the account on the photo sharing site. For getting the account, refer to the photo sharing site.
- Depending on the type of the photo, the photo may not be displayed on the LCD or printed.

1. Make sure that the machine is turned on.

2. Load 4" x 6" / 10 x 15 cm photo paper.

3. Select **Cloud** on the **HOME** screen.

   ➡LCD and Operation Panel

   Important

   - If the firmware of the machine can be updated, a message prompting you to update may appear.

     Update the firmware according to the message that appears.

For details on the operating of **Cloud** menu after the firmware update:

➡Use the Machine's Cloud Function

4. Select the photo sharing site to use, then press the **OK** button.

The machine accesses on the photo sharing site, then the online albums are displayed on the LCD.

Note

- If you have not registered the account on the photo sharing site to the machine yet, the confirmation screen to register the account is displayed.

  Use the ▲▼ button to select **Yes**, then press the **OK** button to register the account.

  - For details on how to register the account, see Registering the Account on Photo Sharing Site.
  - After the account registration is complete, the confirmation screen to save the login name or e-mail address and password is displayed. Use the ▲▼ button to select the setting, then press the **OK** button. If you do not save the login name or e-mail address and password to the machine, select **Do not save** then press the **OK** button.
- If many online album are uploaded on the photo sharing site or the communication situation is poor, online albums may not be displayed on the LCD correctly.
- The created date display of the online album may differ between the LCD of the machine and the computer. Additionally, the display order may differ.

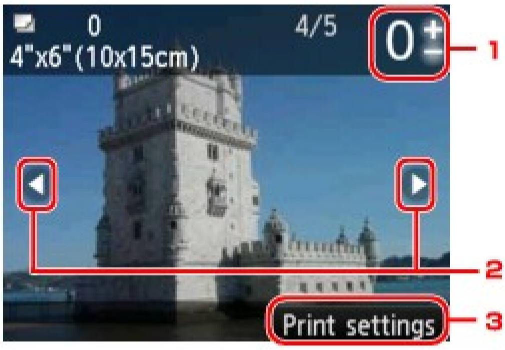
5. Use the ◄► button to select the online album, then press the **OK** button.

The photo in the online album is displayed.

Note

- If many online album are uploaded on the photo sharing site or the communication situation is poor, the photo may not be displayed on the LCD correctly.
- The display order of photos in the online album may differ between the LCD of the machine and the computer.

6. Specify the settings as necessary.



1. Number of copies

   Specify by using the **+** or **-** button.

Note

- If you specify the number of copies for each photo, use the ◀▶ button to display the photo you want to print and use the **+** or **-** button to specify the number of copies when the desired photo is displayed.
- You can also display the screen to specify the number of copies by pressing the **OK** button when the desired photo is displayed. When the screen to specify the number of copies is displayed, specify the number of copies by using the **+** or **-** buttons. Press the **OK** button to display the photo selection screen.

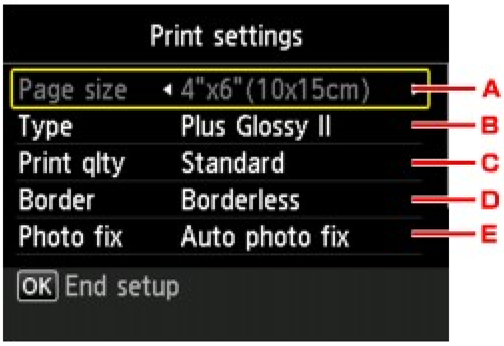
2. Selection photo

   Select the photo you want to print by using the ◀▶ button.

3. **Print settings**

   By pressing the right **Function** button, the print settings confirmation screen is displayed.

   Use the ▲▼ button to change the setting item, use the ◀▶ button to change the setting, then use the **OK** button to confirm the selection.



Print settings

Page size ◂ 4"x6"(10x15cm) ▸

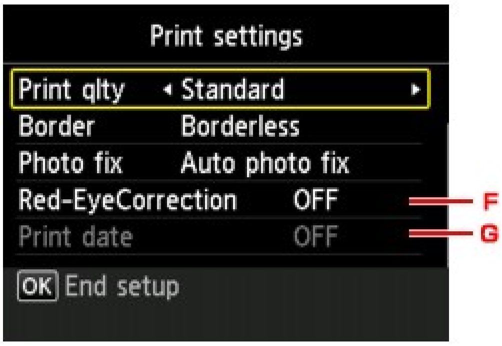
Type Plus Glossy II

Print qlty Standard

Border Borderless

Photo fix Auto photo fix

OK End setup



Print settings

Print qlty ◂ Standard ▸

Border Borderless

Photo fix Auto photo fix

Red-EyeCorrection OFF

Print date OFF

OK End setup

   A. **Page size**

      The page size is set to **4"x6"(10x15cm)**.

   B. **Type** (Media type)

      Select the media type of the loaded paper.

   C. **Print qlty** (Print quality)

      Select print quality according to the photo.

   D. **Border** (Bordered/Borderless print)

      Select bordered or borderless print.

   E. **Photo fix**

      When **Auto photo fix** is selected, the scene or person's face of a shot photo is recognized and the most suitable correction for each photo is made automatically. It makes a darkened face by backlight brighter to print. It also analyzes a scene such as scenery, night scene, person, etc. and corrects each scene with the most suitable color, brightness, or contrasts automatically to print.

      Depending on the type of the photo, the photo may not be corrected.

      ### Note

      - As a default, photos on the photo sharing site are printed with auto correction applied.
      - If **No correction** is selected, photos are printed without correction.

   F. **Red-EyeCorrection**

Corrects red eyes in portraits caused by flash photography.

Depending on the type of the photo, red eyes may not be corrected or parts other than the eyes may be corrected.

G. **Print date**

This setting is not available.

7. Press the **Color** button.

The machine starts printing.

Downloading and Printing Template Forms

You can download the template form you want to print from the web service.

Before using the web service, see the terms of service.

➡Notice for Web Service Printing

Important

- LAN connection with the machine and internet connection are required to use this function.

1. Make sure that the machine is turned on.

2. Select **Cloud** on the **HOME** screen.

   ➡LCD and Operation Panel

   Important

   - If the firmware of the machine can be updated, a message prompting you to update may appear.

     Update the firmware according to the message that appears.

     For details on the operating of **Cloud** menu after the firmware update:

     ➡Use the Machine's Cloud Function

3. Select **Web template print**, then press the **OK** button.

   The category folders of the template form are displayed on the LCD.

4. Use the ◀▶ button to select the category folder of template form, then press the **OK** button.

   The template forms in the category folder are displayed on the LCD.

5. Use the ◀▶ button to select the template form you want to print, then press the **OK** button.

6. Check the message that is displayed, then press the **OK** button.

7. Check the print settings.

   The print settings are determined automatically according to the specified template form.

   To change the print setting, use the ▲▼ button to select the setting item and use the ◀▶ button to change the settings.

   Note

   - **2-sidedPrintSetting** is set to **1-sided**.
   - Depending on the template form, some print setting cannot be specified. If it is selected, **Error details** is displayed on the LCD. In this case, press the left **Function** button to confirm the message, then change the setting.

8. Load paper according to the print settings.

9. Press the **Color** button.

   The machine starts printing.

Settings for Web Service

This section describes the machine's settings for web service.

➡Registering the Account on Photo Sharing Site

➡Resetting the Web Service Settings

Before using the web service, see the terms of service.

➡Notice for Web Service Printing

Registering the Account on Photo Sharing Site

Register the account on the photo sharing site to the machine following the procedure below.

Important

- LAN connection with the machine and internet connection are required to use this function.
- Before you register the account to the machine, you have to get the account on the photo sharing site. For getting the account, refer to the photo sharing site.
- You can register the login name or e-mail address up to 256 characters and register the password up to 80 characters. When you get the account on the photo sharing site, set the login name or e-mail address within 256 characters and set the password within 80 characters.

  Set the login name, e-mail address, and password in letters and figures can be entered on the LCD of the machine.

1. Make sure that the machine is turned on.

2. Select **Setup** on the **HOME** screen.

   ➡LCD and Operation Panel

3. Select **Web service setup**, then press the **OK** button.

4. Use the ▲▼ button to select **Online Album connection setup**, then press the **OK** button.

5. Use the ▲▼ button to select **Register account**, then press the **OK** button.

   Note

   - When you delete the account, select **Delete account**, then press the **OK** button. After selecting the photo sharing site to delete the account and pressing the **OK** button, the confirmation screen to delete the account is displayed. To delete the account, select **Yes** and press the **OK** button.

6. Use the ▲▼ button to select the photo sharing site to register the account, then press the **OK** button.

   The message for account information is displayed.

7. Check the message, then press the **OK** button.

8. When the confirmation screen for account management is displayed, press the left **Function** button.

Note

- By pressing the **OK** button, you can display the message for account management policy.

9. Check that **User-ID** or **Email** is displayed, then press the **OK** button.

The screen to enter the login name or e-mail address is displayed.

Note

- If you already have registered the account, the login name or e-mail address is displayed on the screen.

10. Enter the login name or e-mail address.

Use the following buttons to enter the login name or e-mail address.

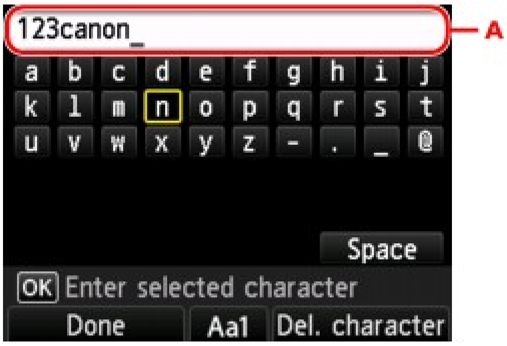
▲, ▼, ◀, and ▶ buttons:
Select a letter, number, or symbol.

OK button:
Enter the selected character.

Left Function button:
Press when entering the characters is complete.

Center Function button:
Switch the input mode; Lowercase mode (e.g., abc), Uppercase mode (e.g., ABC), then Numeric mode (number).

Right Function button:
Delete the entered character.



123canon_

OK Enter selected character

Note

- To edit entered characters, select the entry column (A) with the ▲▼ button. Use the ◀▶ button to move the cursor under the position where you want to edit.

11. Check the entered login name or entered e-mail address, then press the left **Function** button.

12. Check that **Password** is displayed, then press the **OK** button.

    The screen to enter the password is displayed.

13. Enter the password.

    Enter the password as well as the login name or e-mail address.

    Note

    - Depending on the setting on the photo sharing site, entering the password may not be necessary.

14. Press the left **Function** button.

    The machine accesses on the photo sharing site, then your account is confirmed.

    After the confirmation of account is complete, the confirmation screen to save the login name or e-mail address and password is displayed.

15. Use the ▲▼ button to select the setting, then press the **OK** button.

    The account registration is complete.

Resetting the Web Service Settings

This function resets all web service settings.

Reset the web service settings following the procedure below.

1. Make sure that the machine is turned on.

2. Select **Setup** on the **HOME** screen.

   ➡LCD and Operation Panel

3. Select **Device settings**, then press the **OK** button.

4. Use the ▲▼ button to select **Reset setting**, then press the **OK** button.

5. Use the ▲▼ button to select **Web service setup only**, then press the **OK** button.

   The confirmation screen is displayed.

   Note

   - When you select **Reset all**, all settings you made including the web service settings are reverted to the machine back to default.

6. Use the ▲▼ button to select **Yes**, then press the **OK** button.

   The web service setting is reset.

Printing from a Digital Camera

- ➡ Printing Photographs Directly from a PictBridge (Wireless LAN) Compliant Device
- ➡ About PictBridge (Wireless LAN) Print Settings

Printing Photographs Directly from a PictBridge (Wireless LAN) Compliant Device

You can connect a PictBridge (Wireless LAN) compliant device such as a digital camera, camcorder, or mobile phone to the machine through wireless LAN, and print recorded images directly without using a computer.

Connectable devices:

PictBridge (Wireless LAN) compliant device

Printable image data format:

The machine accepts images* taken with a camera compliant with the Design rule for Camera File system and PNG files.

* Exif 2.2/2.21/2.3 compliant

Important

- LAN connection with the machine is required to use this function.

Note

- PictBridge is the Standard to print your photos directly without using a computer, connecting a device such as a digital still camera, digital camcorder, or camera-equipped mobile phone.

  In this manual, PictBridge printing with the wireless LAN connection is referred to as "PictBridge (Wireless LAN)."
- When printing photos with the PictBridge (Wireless LAN) compliant device connected to the machine, we recommend the use of the AC adapter supplied with the device. If you are using the device battery, be sure to charge it fully.
- Depending on the model or brand of your device, you may have to select a print mode compliant with PictBridge (Wireless LAN) before connecting the device. You may also have to turn on the device or select Play mode manually after connecting the device to the machine.

  Perform necessary operations on the PictBridge (Wireless LAN) compliant device before connecting it to this machine according to instructions given in the device's instruction manual.

1. Make sure that the machine is turned on.

2. Load paper.

3. Connect the PictBridge (Wireless LAN) compliant device to the machine.

   Detect the machine with the PictBridge (Wireless LAN) compliant device and connect the PictBridge (Wireless LAN) compliant device to the machine with wireless LAN.

   Note

   - For details on how to detect the machine, refer to your PictBridge (Wireless LAN) compliant device's instruction manual.

4. Specify the print settings such as the paper type and layout.

You can perform settings using the menu on the LCD of your PictBridge (Wireless LAN) compliant device. Select the size and type of paper that you loaded in the machine.

➡Settings on a PictBridge (Wireless LAN) Compliant Device

If your PictBridge (Wireless LAN) compliant device does not have a setting menu, change the setting from the machine.

➡Settings on the Machine

Note

- When printing from the PictBridge (Wireless LAN) compliant device, set the print quality with the operation panel on the machine. You cannot set the print quality on the PictBridge (Wireless LAN) compliant device.

5. Start printing from your PictBridge (Wireless LAN) compliant device.

About PictBridge (Wireless LAN) Print Settings

➡Settings on a PictBridge (Wireless LAN) Compliant Device

➡Settings on the Machine

Settings on a PictBridge (Wireless LAN) Compliant Device

This section describes the PictBridge (Wireless LAN) function of the machine. For the print settings on a PictBridge (Wireless LAN) compliant device, refer to the instructions given in the device's instruction manual.

Note

- In the following description, names of setting items are given according to those used in Canon-brand PictBridge (Wireless LAN) compliant devices. Setting item names may be different depending on the brand or model of your device.
- Some setting items explained below may not be available on some devices. In this case, the settings made on the machine are applied. Also, when some items are set to **Default** on a PictBridge (Wireless LAN) compliant device, the machine settings for these items are applied.

  ➡PictBridge print settings

The following settings can be used when printing from a PictBridge (Wireless LAN) compliant device.

Paper size	4" x 6"/ 10 x 15 cm, 5" x 7"*1, 8" x 10"/ 20 x 25 cm, A4, 8.5" x 11"(Letter) * Can be selected only on certain Canon-brand PictBridge (Wireless LAN) compliant devices. (May not be selected depending on the device.)
Paper type	Default (Selections based on the machine setting) Photo: Photo Paper Plus Glossy II PP-201/Photo Stickers* * When printing on sticker paper, select **4"x6"/10x15cm** in **Paper size**. Do not set **Layout** to **Borderless**. • Fast Photo: Photo Paper Pro Platinum PT-101 • Plain: A4/Letter When **Paper type** is set to **Plain**, borderless printing will be disabled even when **Layout** is set to **Borderless**.
Layout	Default (Selections based on the machine setting), Index, Bordered, Borderless, N-up (2, 4, 9, 16)*1, 20-up*2, 35-up*3 *1 Layout compatible with A4 or Letter-sized paper and Canon-brand sticker above. A4/Letter: 4-up Photo Stickers: 2-up, 4-up, 9-up, 16-up. *2 With a Canon brand PictBridge (Wireless LAN) compliant device, selecting items with "i" mark allows you to print shooting info (Exif Data) in list format (20-up) or on the margins of the specified data (1-up). (May not be available with some Canon-brand PictBridge (Wireless LAN) compliant devices.) *3 Printed in 35 mm Film Style Layout (Contact Printing Layout). Available only with a Canon-brand PictBridge (Wireless LAN) compliant device. (May not be available with some Canon-brand PictBridge (Wireless LAN) compliant devices.)

Print date & file no.	Default (Off: No printing), Date, File No., Both, Off
Image optimize	Default (Selections based on the machine setting), On (Auto photo fix)*1, Off, Red-Eye*2 *1 The scene or person's face of a shot photo is recognized and the most suitable correction for each photo is made automatically. It makes a darkened face by backlight brighter to print. It also analyzes a scene such as scenery, night scene, person, etc. and corrects each scene with the most suitable color, brightness, or contrasts automatically to print. *2 Can be selected only on certain Canon-brand PictBridge (Wireless LAN) compliant devices. (May not be selected depending on the device.)
Trimming	Default (Off: No trimming), On (follow the camera's setting), Off

Settings on the Machine

You can change the PictBridge (Wireless LAN) print settings from the **PictBridge print settings** screen. Set the print settings to **Default** on the PictBridge (Wireless LAN) compliant device when you want to print according to the settings on the machine.

This section describes the procedure to display the **PictBridge print settings** screen.

1. Make sure that the machine is turned on.

2. Select **Setup** on the **HOME** screen.

   ➡LCD and Operation Panel

3. Select **Device settings**, then press the **OK** button.

4. Use the ▲▼ button to select **PictBridge print settings**, then press the **OK** button.

5. Check the message that is displayed, then press the **OK** button.

   The **PictBridge print settings** screen is displayed.

   For details on the setting items:

   ➡PictBridge print settings

Printing with the Access Point Mode

When the machine enters the access point mode, you can print from an external device such as a computer or a smartphone without involving an access point.

Important

- Before you use the machine with the access point mode, be sure to specify the access point name of the machine and the security setting.

  ➡Before Using the Machine with the Access Point Mode

1. Make sure that the machine is turned on.

2. Select **WLAN** on the **HOME** screen.

   ➡LCD and Operation Panel

3. Use the ▲▼ button to select **Access point mode**, then press the **OK** button.

4. Check the message that is displayed, then press the **OK** button.

   The machine enters the access point mode.

5. Connect an external device such as a computer or a smartphone to the machine via wireless LAN.

   Perform wireless LAN settings with your external device, then assign the access point name specified for the machine as a destination.

   Note

   - For details on how to perform wireless LAN settings with an external device, refer to the device's instruction manual.
   - While the machine is in the access point mode, the access point name specified for the machine is displayed on the LCD.

     When you specify the machine as a destination for wireless connection to an external device, assign the access point name specified for the machine.
   - While the machine is in the access point mode, pressing the right **Function** button displays the details on the security setting.

     When a WPA2-PSK (AES) passphrase is valid, entering the passphrase is required to connect an external device to the machine via wireless LAN. Enter the passphrase specified for the machine.

6. Load paper on the machine.

7. Start printing from an external device such as a computer or a smartphone.

   Perform printing from the external device and specify the machine as a printer you use.

Note

- For details on how to print from an external device such as a computer or a smartphone via wireless LAN, refer to the device's or application's instruction manual.
- You can also print using PIXMA Printing Solutions.

8. Press the left **Function** button when printing is completed.

   The machine exits from the access point mode.

9. Press the **OK** button when the confirmation screen to end the access point mode is displayed.

Copying

Making Copies

Load the original on the platen glass to copy.

This section describes the procedure to copy with **Standard copy**.

1. Make sure that the machine is turned on.

2. Load paper.

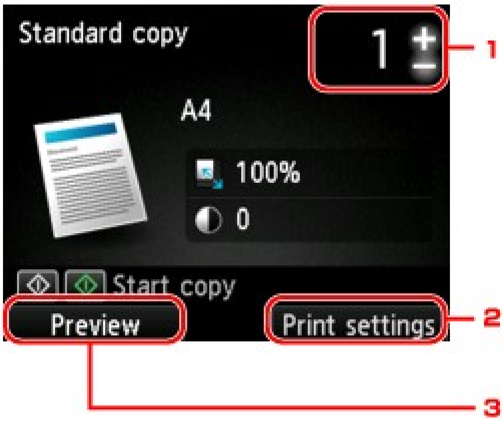
3. Select **Copy** on the **HOME** screen.

   ➡LCD and Operation Panel

   The Copy standby screen is displayed.

4. Load the original on the platen glass.

5. Specify the settings as necessary.

   1. Number of copies

      Specify by using the **+** or **-** button.

   2. **Print settings**

      By pressing the right **Function** button, the print settings screen is displayed.

      On the print settings screen, you can change the settings of page size, media type, and print quality and so on.

      ➡Setting Items

   3. **Preview**

      By pressing the left **Function** button, you can preview an image of the printout on the preview screen.

      ➡Displaying the Preview Screen

6. Press the **Color** button for color copying, or the **Black** button for black & white copying.

   The machine starts copying.

   Remove the original on the platen glass after copying is complete.

Important

- Do not open the document cover or remove the original from the platen glass until scanning is completed.

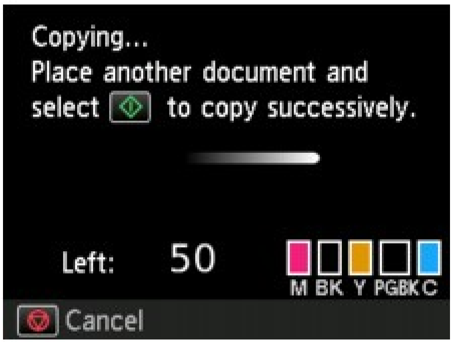
Note

- To cancel copying, press the **Stop** button.

Adding the Copying Job (Reserve copy)

You can add the copying job while printing (Reserve copy).

The screen below is displayed when you can add the copying job.



Copying...
Place another document and select ◇ to copy successively.

Load the original on the platen glass and press the same button (the **Color** button or the **Black** button) as the one which you previously pressed.

Important

- When you load the original on the platen glass, move the document cover gently.

Note

- When **Print qlty** (print quality) is set **High**, you cannot add the copying job.
- When you add the copying job, the number of copies or the settings such as the page size or media type cannot be changed.
- If you press the **Stop** button while reserve copying is in progress, the screen to select the method to cancel copying is displayed. If you select **Cancel all reservations** then press the **OK** button, you can cancel copying all scanned data. If you select **Cancel the last reservation**, then press the **OK** button, you can cancel the last copying job.
- If you set a document of too many pages to add the copying job, **Cannot add more copy jobs. Please wait a while and redo the operation.** may appear on the LCD. Press the **OK** button and wait a while, then try copying again.
- If **Failed to reserve the copy job. Start over from the beginning.** appears on the LCD when scanning, press the **OK** button, then press the **Stop** button to cancel copying. After that, copy the documents that have not been finished copying.

Displaying the Preview Screen

When you load the original on the platen glass and select **Standard copy** or **Frame erase copy** in **Advanced print**, pressing a **Function** button allows you to preview an image of the printout on the preview screen.

When **Standard copy** is selected, press the left **Function** button on the Copy standby screen.

When **Frame erase copy** is selected, press the right **Function** button on the print settings screen.

Important

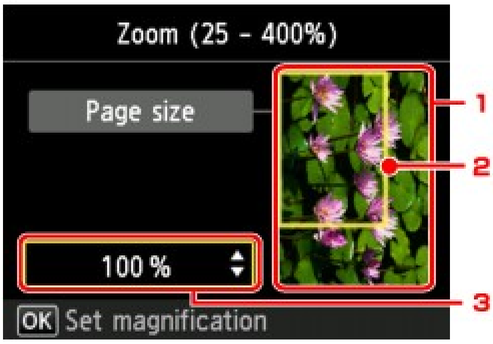
- In the following conditions, you cannot use the left **Function** button when the Copy standby screen is displayed.
  - **2-sided** is selected for **2-sidedPrintSetting**.
  - **2-on-1 copy** or **4-on-1 copy** is selected for **Layout**.

  When either of the conditions above is selected, you can set to display the preview screen after scanning the original is finished.

  ➡Two-Sided Copying

  ➡Copying Two Pages to Fit onto a Single Page

  ➡Copying Four Pages to Fit onto a Single Page
- The original will be scanned to display the preview image. Therefore, do not open the document cover until the preview screen is displayed.
- Originals are rescanned after displaying the preview screen and before copying starts. Therefore, do not open the document cover or remove the original from the platen glass while **Scanning document...** is displayed.



1. Preview of the original

   The original that is set on the platen glass is displayed. If the displayed image is skewed, refer to Loading Originals and reset the original properly, then display the preview screen again and preview the original.

2. Page size

   A frame showing the selected page size appears over the image. The inside of the frame will be printed.

3. Magnification

   The magnification setting, which was set when the preview screen was displayed, is displayed. If the setting other than **Fit to page** is selected, you can change the magnification setting using the ▲▼ button.

Setting Items

You can change the copy settings such as magnification and intensity.

Print Settings Screen

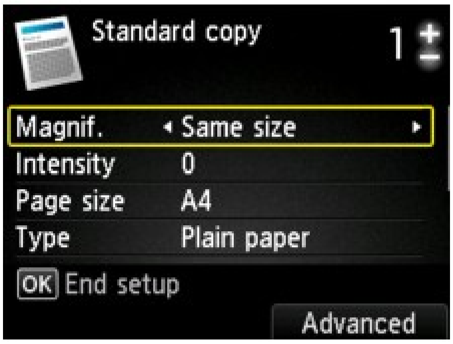
Note

- For details on the print setting screen or the setting item for **Photo copy**, see Copying Photos.

How to display the print setting screen varies with the copy menu.

- In **Standard copy**:

  The following screen is displayed by pressing the right **Function** button on the Copy standby screen.

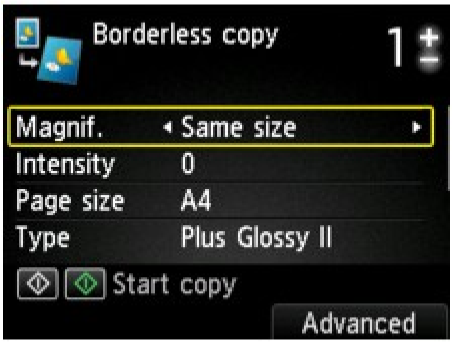


Standard copy

Magnif. ◂ Same size ▸
Intensity 0
Page size A4
Type Plain paper
OK End setup

- In **Borderless copy** or **Frame erase copy**:

  The following screen is displayed before copying.



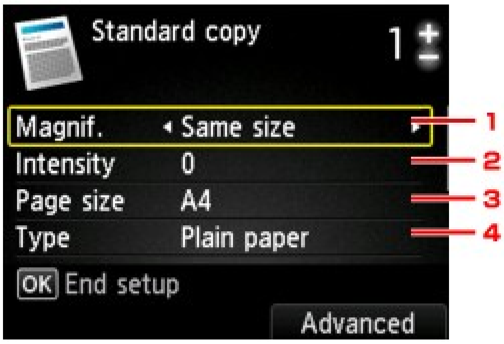
Borderless copy

Magnif. ◂ Same size ▸
Intensity 0
Page size A4
Type Plus Glossy II
Start copy

Setting Items

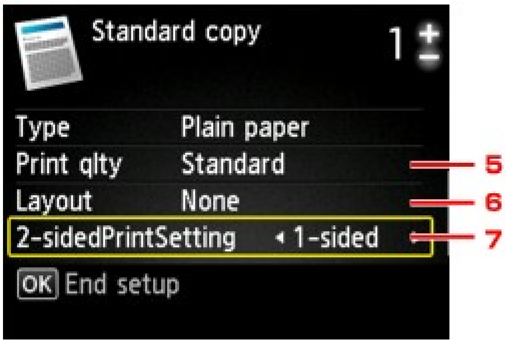
You can specify the following setting items.

Use the ▲▼ button to change the setting item and use the ◀▶ button to change the setting.



Standard copy

Magnif. ◂ Same size ▸
Intensity 0
Page size A4
Type Plain paper
OK End setup



Standard copy

Type Plain paper
Print qlty Standard
Layout None
2-sidedPrintSetting ◂ 1-sided
OK End setup

Note

- Depending on the copy menu, some setting items cannot be selected. This section describes the setting items in **Standard copy**.

  The setting item which cannot be selected is displayed grayed out.

  For details on the setting items for **Photo copy**, see Copying Photos.
- Some settings cannot be specified in combination with the setting of other setting item or the copy menu. If the setting which cannot be specified in combination is selected, **Error details** is displayed on the LCD. In this case, press the left **Function** button to confirm the message, then change the setting.
- The settings of the page size, media type, etc. are retained even if the machine is turned off.
- When copying starts in the copy menu that is not available with the specified setting, **The specified function is not available with current settings.** is displayed on the LCD. Change the setting, following the on-screen instructions.

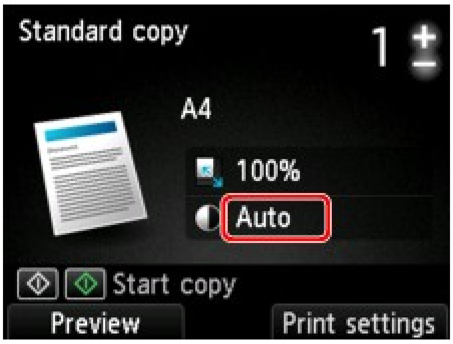
1. **Magnif.** (Magnification)

   Specify the reduction/enlargement method.

   ➡Reducing or Enlarging a Copy

2. **Intensity**

   Specify the intensity. When **Auto** is selected, the intensity is adjusted automatically according to the originals loaded on the platen glass. **Auto** is displayed on the Copy standby screen.

3. **Page size**

   Select the page size of the loaded paper.

4. **Type** (Media type)

   Select the media type of the loaded paper.

5. **Print qlty** (Print quality)

   Adjust print quality according to the original.

   Important

   - If you use **Draft** with **Type** set to **Plain paper** and the quality is not as good as expected, select **Standard** or **High** for **Print qlty** and try copying again.

- Select **High** for **Print qlty** to copy in grayscale. Grayscale renders tones in a range of grays instead of black or white.

6. **Layout**

   Select the layout.

   ➡Copying Two Pages to Fit onto a Single Page

   ➡Copying Four Pages to Fit onto a Single Page

7. **2-sidedPrintSetting**

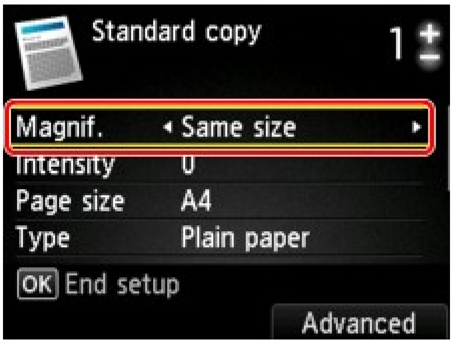
   Select whether to perform two-sided copying.

   ➡Two-Sided Copying

Reducing or Enlarging a Copy

You can specify the magnification optionally or select the preset-ratio copying or fit-to-page copying.

The LCD below is displayed when you press the right **Function** button in the Copy standby screen. Select the reduction/enlargement method from **Magnif.**.



Standard copy 1

Magnif. ◂ Same size ▸

Intensity 0

Page size A4

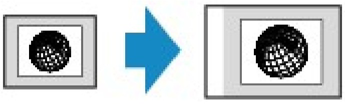
Type Plain paper

Note

- Some of the reduction/enlargement methods are not available depending on the copy menu.

- Fit to page

  The machine automatically reduces or enlarges the image to fit the page size.

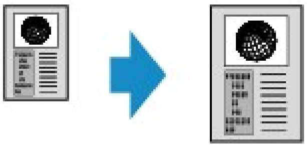
  The setting in **Magnif.**: **Fit to page**

  ### Note

  - When you select **Fit to page**, the page size may not be detected correctly depending on the original. In this case, select the setting other than **Fit to page**.

- Preset ratio

  You can select one of the preset ratios to reduce or enlarge copies.

  Select the appropriate ratio for size of original and page size.

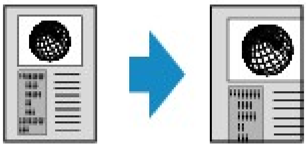
  The setting in **Magnif.**: **70% A4->A5/86% A4->B5/94% A4->LTR/115% B5->A4/141% A5->A4/156% 5x7->LTR/183% 4x6->LTR**

  ### Note

  - Some of the preset ratios are not available depending on the country or region of purchase.

- Ratio specified copy

  You can specify the copy ratio as a percentage to reduce or enlarge copies.



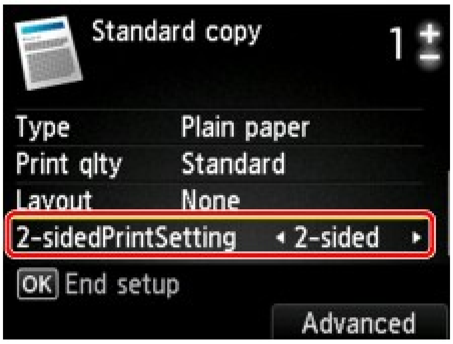
If you select other than **Fit to page** and press the right **Function** button, **Magnification** screen is displayed. Use the ▲▼ button to specify the magnification.

Note

- **400% MAX** (maximum copy ratio) and **25% MIN** (minimum copy ratio) are selectable.
- If you make a copy at the same size as the original, select **Same size**.

Two-Sided Copying

When you select **2-sided** for **2-sidedPrintSetting** in **Standard copy**, you can copy two original pages onto the both sides of a single sheet of paper.



Standard copy 1

Type Plain paper

Print qlty Standard

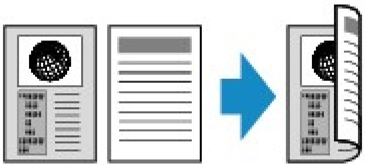
Layout None

2-sidedPrintSetting ◂ 2-sided ▸

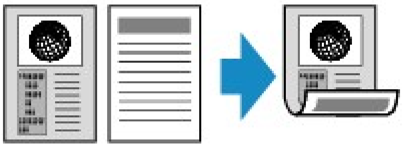
OK End setup

Press the right **Function** button to select the orientation and the stapling side.

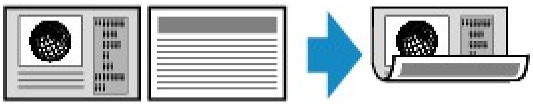
- When you select **Portrait** for **Orientation** and **Long-side stapling** for **Stapling side of print paper**:



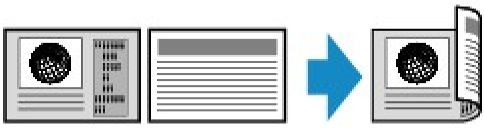
- When you select **Portrait** for **Orientation** and **Short-side stapling** for **Stapling side of print paper**:



- When you select **Landscp.** for **Orientation** and **Long-side stapling** for **Stapling side of print paper**:



- When you select **Landscp.** for **Orientation** and **Short-side stapling** for **Stapling side of print paper**:



After selecting the stapling side and press the **OK** button, you can select whether you use the preview screen. If you select **ON**, the preview screen is displayed so that you can check the orientation.

Note

- If **Device memory is full. Cannot continue process.** appears on the LCD when scanning, set the print quality to **Standard**, then try copying again. If the problem is not resolved, set the print quality to **Draft** and try copying again.
- Two-sided copy setting can be used in combination with **2-on-1 copy** or **4-on-1 copy** when **Standard copy** is selected.

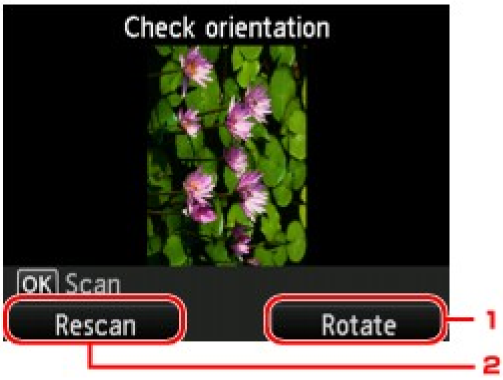
  ➡Copying Two Pages to Fit onto a Single Page

  ➡Copying Four Pages to Fit onto a Single Page

- If you are copying in black & white, print intensity of the Two-sided copy may differ from that of a single-sided copy.

When checking the orientation:

When you are using the preview screen, the screen below is displayed before copying starts so that you can check the orientation.



1. **Rotate**

   If you press the right **Function** button, the original rotates by 180 degrees.

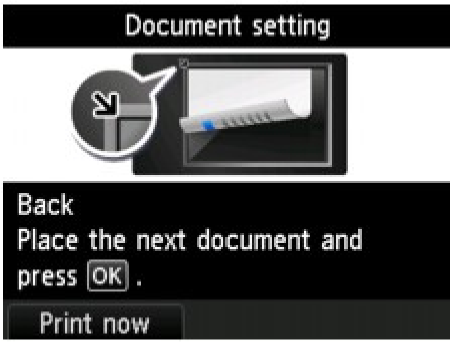
2. **Rescan**

   If you press the left **Function** button, the original is rescanned.

Press the **OK** button to start scanning.

When scanning is finished:

The **Document setting** screen appears on the LCD after scanning each sheet of original.


Document setting

Back
Place the next document and press OK .

Print now

Remove the sheet of original from the platen glass after scanning and load the next sheet on the platen glass, then press the **OK** button.

Note

- If you do not need more scanning, press the left **Function** button. The machine starts copying.
- You can add the copying job while printing.

  ➡Adding the Copying Job (Reserve copy)

About Special Copy Menu

The following menus are selectable in the **Advanced print** menu to copy originals.

Borderless copy

You can copy images so that they fill the entire page without borders.

➡Copying without Borders

Frame erase copy

When copying thick originals such as books, you can make a copy without black margins around the image and gutter shadows.

➡Copying Thick Originals Such as Books

Photo copy

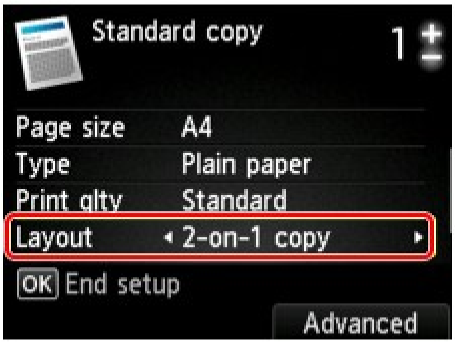
You can copy all photos you scanned.

➡Copying Photos

Copying Two Pages to Fit onto a Single Page

When you select **2-on-1 copy** for **Layout** in **Standard copy**, you can copy two original pages onto a single sheet of paper by reducing each image.

Press the right **Function** button on the Copy standby screen to display the print settings screen, then select **2-on-1 copy** for **Layout**.



Standard copy 1

Page size A4

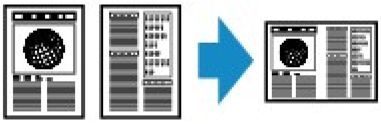
Type Plain paper

Print qlty Standard

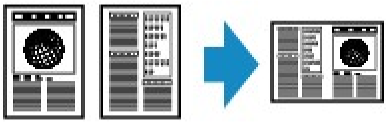
Layout 2-on-1 copy

Press the right **Function** button to specify the orientation and the advanced layout.

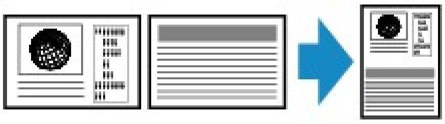
- When you select **Portrait** for **Orientation** and **Left to right** for **2-on-1 copy layout**:



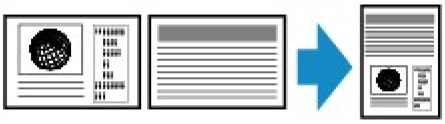
- When you select **Portrait** for **Orientation** and **Right to left** for **2-on-1 copy layout**:



- When you select **Landscp.** for **Orientation** and **Top to bottom** for **2-on-1 copy layout**:



- When you select **Landscp.** for **Orientation** and **Bottom to top** for **2-on-1 copy layout**:



After selecting the layout and press the **OK** button, you can select whether you use the preview screen. If you select **ON**, the preview screen is displayed so that you can check the orientation.

Note

- If **Device memory is full. Cannot continue process.** appears on the LCD when scanning, set the print quality to **Standard**, then try copying again. If the problem is not resolved, set the print quality to **Draft** and try copying again.
- This function can be used in combination with Two-sided copy.

  If you use this function in combination, you can copy four original pages on one sheet of paper. In this case, two original pages are copied on each side of paper.

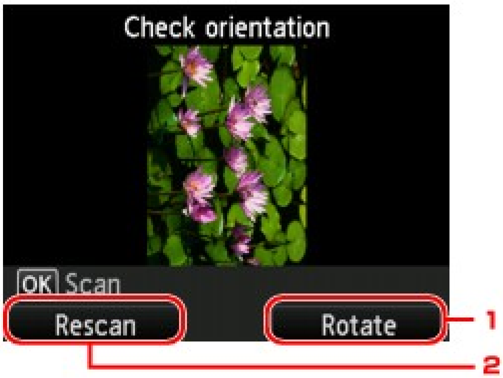
  If you use this function in combination, select **2-sided** for **2-sidedPrintSetting**, then select the stapling side of print paper on the Print settings screen.

For details on two-sided copy function:

➡Two-Sided Copying

When checking the orientation:

When you are using the preview screen, the screen below is displayed before copying starts so that you can check the orientation.



1. **Rotate**

   If you press the right **Function** button, the original rotates by 180 degrees.

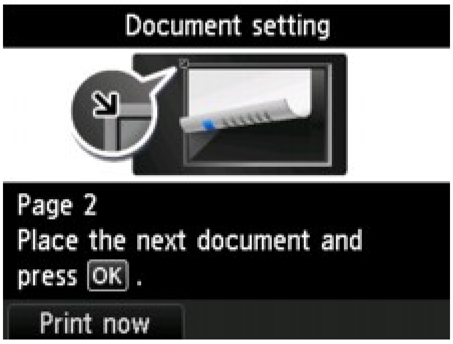
2. **Rescan**

   If you press the left **Function** button, the original is rescanned.

Press the **OK** button to start scanning.

When scanning is finished:

The **Document setting** screen appears on the LCD after scanning the first sheet of original.


Document setting

Page 2
Place the next document and press OK .

Remove the first sheet of original from the platen glass and load the second sheet on the platen glass, then press the **OK** button.

The machine starts scanning the second sheet of original and copying.

Note

- If you do not need more scanning, press the left **Function** button. The machine starts copying.
- You can add the copying job while printing.

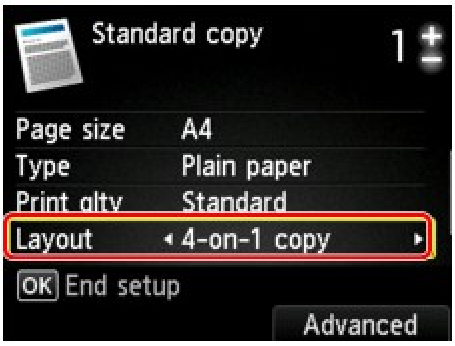
  ➡Adding the Copying Job (Reserve copy)

- If you use this function in combination with Two-sided copy, the **Document setting** screen is displayed after scanning the second sheet of original is complete. Follow the on-screen instructions to scan the third and fourth sheet of original.

Copying Four Pages to Fit onto a Single Page

When you select **4-on-1 copy** for **Layout** in **Standard copy**, you can copy four original pages onto a single sheet of paper by reducing each image. Four different layouts are available.

Press the right **Function** button on the Copy standby screen to display the print settings screen, then select **4-on-1 copy** for **Layout**.



Standard copy 1

Page size A4

Type Plain paper

Print qlty Standard

Layout ◂ 4-on-1 copy ▸

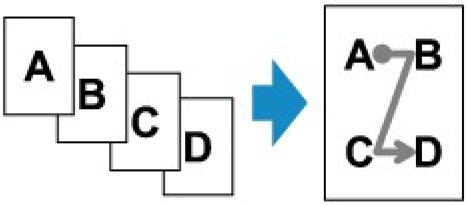
OK End setup

Press the right **Function** button to specify the orientation and the advanced layout.

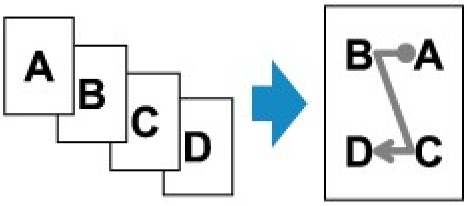
Note

- The layout is the same regardless of the orientation.

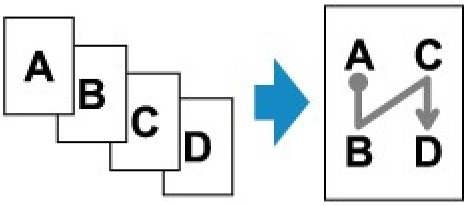
- When you select **Upper-left to right** for **4-on-1 copy layout**:



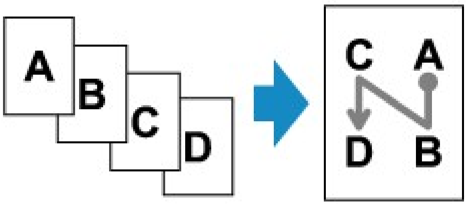
- When you select **Upper-right to left** for **4-on-1 copy layout**:



- When you select **Upper-left to bottom** for **4-on-1 copy layout**:



- When you select **Upper-right to bottom** for **4-on-1 copy layout**:



After selecting the layout and press the **OK** button, you can select whether you use the preview screen. If you select **ON**, the preview screen is displayed so that you can check the orientation.

Note

- If **Device memory is full. Cannot continue process.** appears on the LCD when scanning, set the print quality to **Standard**, then try copying again. If the problem is not resolved, set the print quality to **Draft** and try copying again.
- This function can be used in combination with Two-sided copy.

  If you use this function in combination, you can copy eight original pages on one sheet of paper. In this case, four original pages are copied on each side of paper.

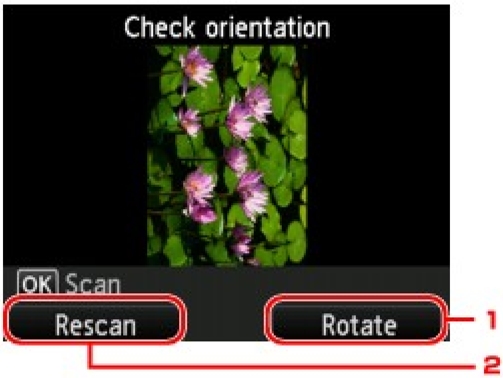
  If you use this function in combination, select **2-sided** for **2-sidedPrintSetting**, then select the stapling side of print paper on the Print settings screen.

  For details on two-sided copy function:

  ➡Two-Sided Copying

When checking the orientation:

When you are using the preview screen, the screen below is displayed before copying starts so that you can check the orientation.



1. **Rotate**

   If you press the right **Function** button, the original rotates by 180 degrees.

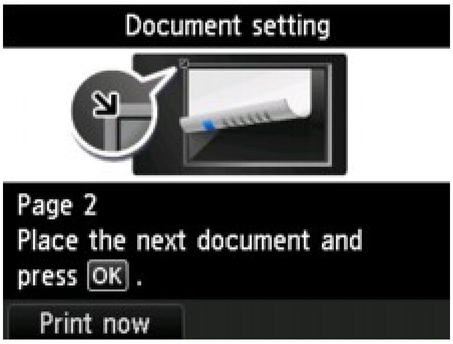
2. **Rescan**

   If you press the left **Function** button, the original is rescanned.

Press the **OK** button to start scanning.

When scanning is finished:

The **Document setting** screen appears on the LCD after scanning each sheet of original.



Remove the sheet of original from the platen glass after scanning and load the next sheet on the platen glass, then press the **OK** button.

After scanning the fourth sheet of original, the machine starts copying.

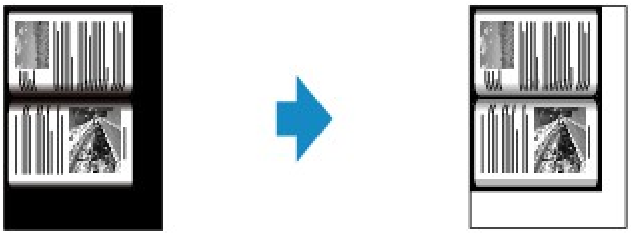
Note

- If you do not need more scanning, press the left **Function** button. The machine starts copying.
- You can add the copying job while printing.

  ➡Adding the Copying Job (Reserve copy)
- If you use this function in combination with Two-sided copy, the **Document setting** screen is displayed after scanning the fourth sheet of original is complete. Follow the on-screen instructions to scan the rest of originals.

Copying Thick Originals Such as Books

When copying thick originals such as books, you can make a copy without black margins around the image and gutter shadows. Using this function, you can reduce unnecessary ink consumption.



1. Make sure that the machine is turned on.

2. Load paper.

3. Select **Advanced print** on the **HOME** screen.

   ➡LCD and Operation Panel

4. Select **Frame erase copy**, then press the **OK** button.

5. Load the original on the platen glass.

6. Specify the number of copies by using the **+** or **-** button.

   Change the print settings as necessary.

   ➡Setting Items

   Note

   - When the Copy standby screen is displayed, pressing the right **Function** button allows you to preview an image of the printout on the preview screen.

     ➡Displaying the Preview Screen

7. Press the **Color** button for color copying, or the **Black** button for black & white copying.

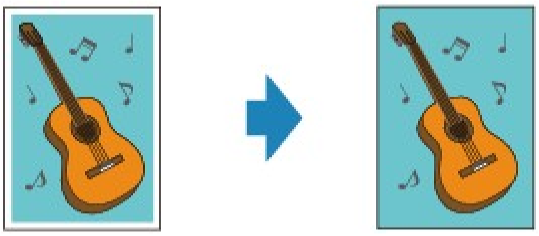
   The machine starts copying.

Note

- Close the document cover.
- There may be a narrow black margin that appears around the image. This function removes the dark margins only. If a scanned book is too thin or when the machine is used near a window or in a bright environment, a faint black frame may remain. Also, if the color of an original is dark, the machine cannot distinguish the document color from the shadow and this may cause slight cropping or a shadow on the crease.

Copying without Borders

You can copy images on photo paper so that they fill the entire page without borders.



1. Make sure that the machine is turned on.

2. Load the photo paper.

3. Select **Advanced print** on the **HOME** screen.

   ➡LCD and Operation Panel

4. Select **Borderless copy**, then press the **OK** button.

5. Load the original on the platen glass.

6. Specify the number of copies by using the **+** or **-** button.

   Change the print settings as necessary.

   ➡Setting Items

7. Press the **Color** button for color copying, or the **Black** button for black & white copying.

   The machine starts copying.

Note

- Slight cropping may occur at the edges since the copied image is enlarged to fill the whole page. You can change the width to be cropped from the borders of the original image as needed. However, the cropped area will be larger if the extension amount is large.

  For details:

  ➡Extended copy amount

- For details on the paper size and the media type available for borderless copying:

  ➡Printing Area

Copying Photos

You can scan printed photos and print them all at one time.

1. Make sure that the machine is turned on.
2. Load the photo paper.
3. Select **Advanced print** on the **HOME** screen.

   ➡LCD and Operation Panel

4. Select **Photo copy**, then press the **OK** button.
5. Confirm the on-screen instructions, then press the **OK** button.
6. Load the printed photo on the platen glass following the on-screen instructions, then press the **OK** button.

   Note

   - For details on loading photos on the platen glass:

     ➡Loading Originals

   When scanning is complete, the print settings confirmation screen is displayed.

7. Specify the settings as necessary.

   Use the ▲▼ button to change the setting item and use the ◀▶ button to change the setting.

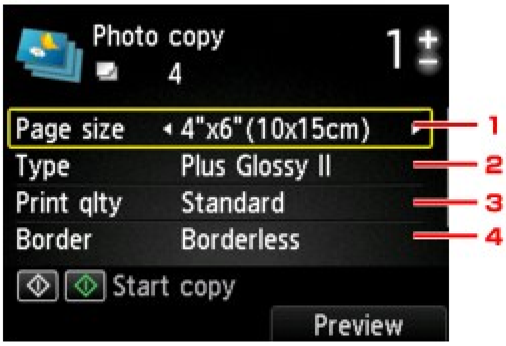


Photo copy 4 1

Page size 4"x6"(10x15cm)

Type Plus Glossy II

Print qlty Standard

Border Borderless

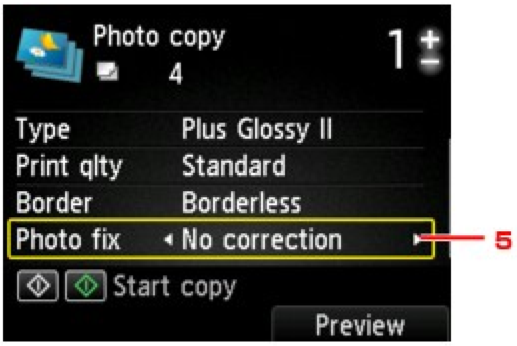


Photo copy 4 1

Type Plus Glossy II

Print qlty Standard

Border Borderless

Photo fix No correction

   Note

   - Depending on the setting item, some settings cannot be specified in combination with the setting of other setting items. If the setting cannot be specified in combination is selected, **Error details** is displayed on the LCD. In this case, press the left **Function** button to confirm the message, then change the setting.

   1. **Page size**

      Select the page size of the loaded paper.

2. **Type** (Media type)

   Select the media type of the loaded paper.

3. **Print qlty** (Print quality)

   Select print quality according to the original.

4. **Border** (Bordered/Borderless print)

   Select bordered or borderless print.

5. **Photo fix**

   Select **No correction**, **Auto photo fix**, or **Fade restoration**.

   Note

   - When **No correction** is selected, the machine prints the scanned image without correction.
   - When **Auto photo fix** is selected, the machine corrects the scanned image automatically.
   - When **Fade restoration** is selected, the machine corrects the scanned image that have faded over time.

8. Specify the number of copies by using the **+** or **-** button.

   Note

   - By pressing the right **Function** button, you can preview an image of the printout on the preview screen. Use the ◄► button to change the display.
   - If ⚠ appears on the photo, the printed photo may not be scanned properly. Rescan the printed photo.

9. Press the **Color** button for color printing, or the **Black** button for black & white printing.

   The machine starts printing.

   Note

   - If the printed photo was not scanned properly, the confirmation screen asking you if you continue printing is displayed. By selecting **Yes**, the machine starts printing. If you rescan the photo, select **No** and scan the photo again.