



MX530 series Online Manual

Printing
Copying

English

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Printing

▶ **Printing from a Computer**

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

▶ **Printing Using the Operation Panel of the Machine**

- Printing Template Forms Such As Lined Paper or Graph Paper

▶ **Printing with the Access Point Mode**

▶ **Printing from a Bluetooth Compliant Device**

- Printing from Mobile Phone via Bluetooth Communication

▶ **About Bluetooth Communication**

- Handling Precautions
- Preparation to Use the Bluetooth Unit
- Printing Data via Bluetooth Communication
- Basic Procedure for Printing via Bluetooth Communication
- Bluetooth Settings
- Specifications

Printing from a Computer

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

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

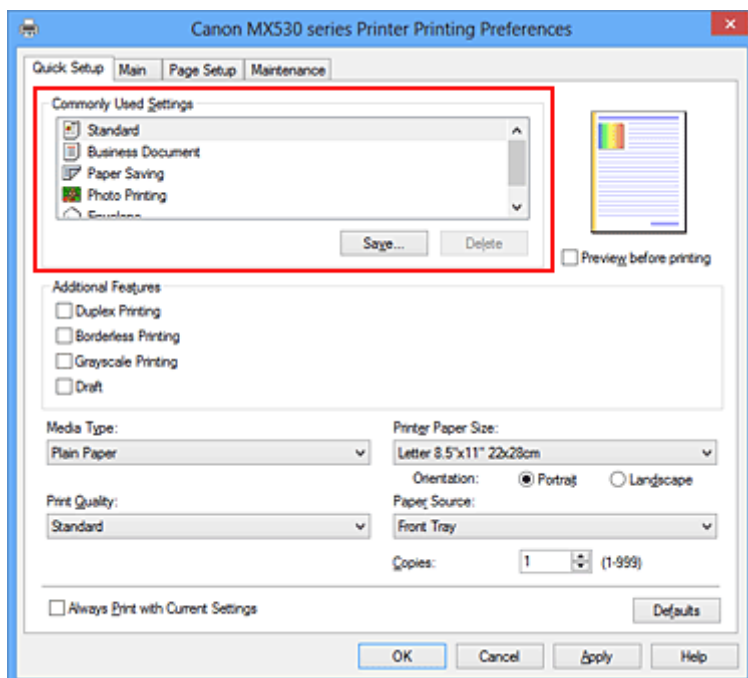
- [Printing with Easy Setup](#) 📌 **Basic**
- [Various Printing Methods](#)
- [Changing the Print Quality and Correcting Image Data](#)
- [Overview of the Printer Driver](#)
- [Printer Driver Description](#)
- [Updating the MP Drivers](#)

Printing with Easy Setup

This section describes the simple procedure for setting the [Quick Setup tab](#) so that you can carry out appropriate printing on this machine.

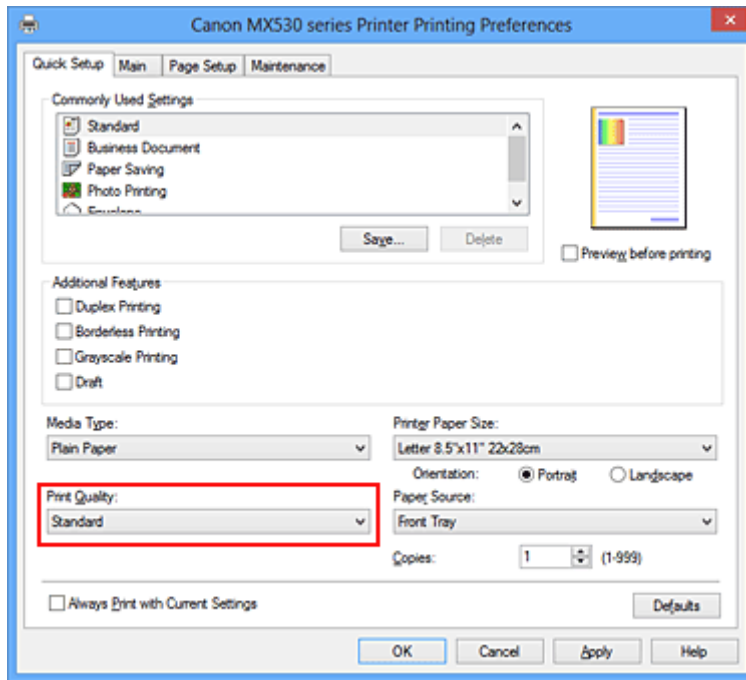
1. Check that the machine is turned on
2. Load paper on the machine
3. Open the [printer driver setup window](#)
4. Select a frequently used profile

In **Commonly Used Settings** on the **Quick Setup** tab, select a printing profile suited for the purpose. When you select a printing profile, the **Additional Features**, **Media Type**, and **Printer Paper Size** settings are automatically switched to the values that were preset.



5. Select the print quality

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



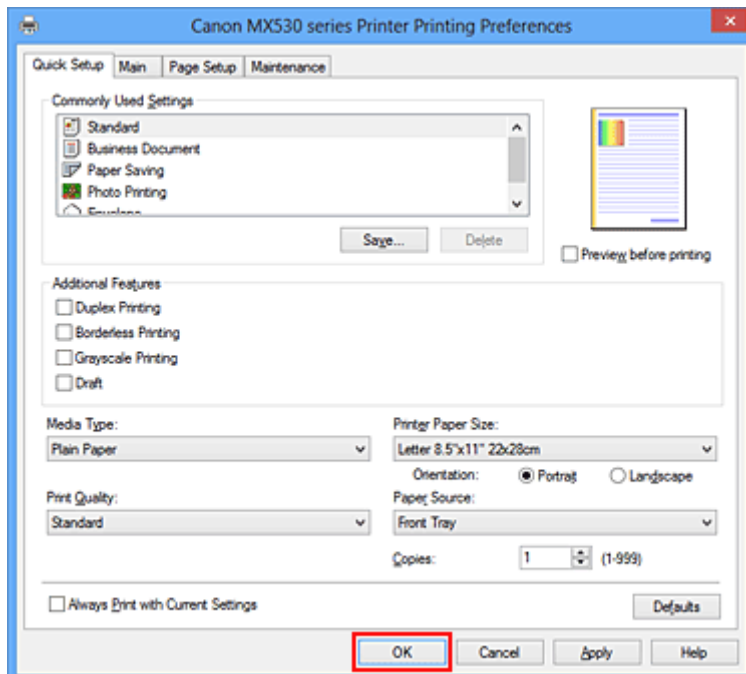
►►► Important

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

6. Complete the setup

Click **OK**.

When you execute print, the document is printed with settings that match your purpose.



►►► Important

- When you select the **Always Print with Current Settings** check box, all settings specified on the **Quick Setup**, **Main**, and **Page Setup** tabs are saved, and you can print with the same settings from the next time as well.
- In the **Commonly Used Settings** window, click **Save...** 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 a Page Size and Orientation](#)
- [Setting the Number of Copies and Printing Order](#)
- [Setting the Stapling Margin](#)
- [Execute Borderless Printing](#)
- [Fit-to-Page Printing](#)
- [Scaled Printing](#)
- [Page Layout Printing](#)
- [Tiling/Poster Printing](#)
- [Booklet Printing](#)
- [Duplex Printing](#)
- [Stamp/Background Printing](#)
- [Registering a Stamp](#)
- [Registering Image Data to be Used as a Background](#)
- [Setting Up Envelope Printing](#)
- [Printing on Postcards](#)
- [Displaying the Print Results before Printing](#)
- [Setting Paper Dimensions \(Custom Size\)](#)
- [Editing the Print Document or Reprinting from the Print History](#)

Setting a Page Size and Orientation

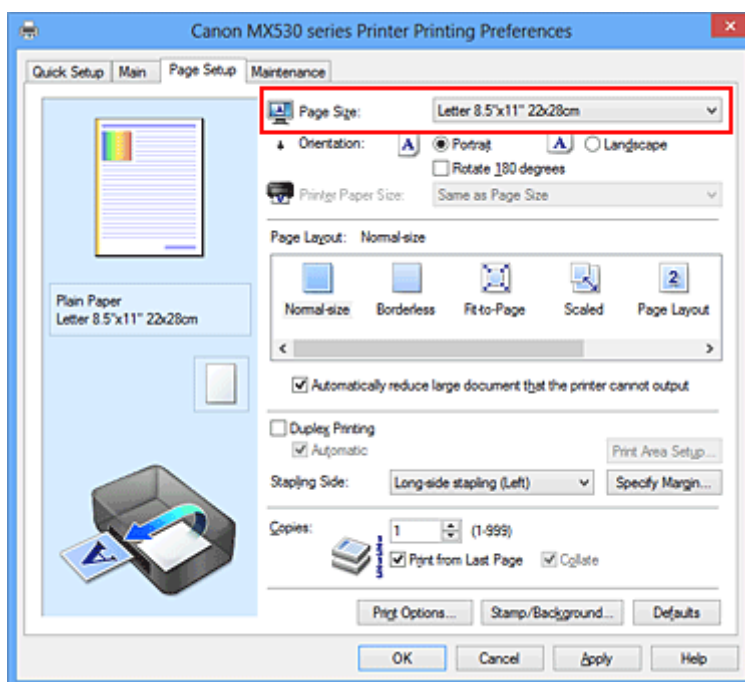
The paper size and orientation are essentially determined by the application software. When the page size and orientation set for **Page Size** and **Orientation** on the **Page Setup** tab are same as those set with the application software, you do not need to select them on the **Page Setup** tab.

When you are not able to specify them with the application software, the procedure for selecting a page size and orientation is as follows:

You can also set page size and orientation on the **Quick Setup** tab.

1. Open the [printer driver setup window](#)
2. Select the paper size

Select a page size from the **Page Size** list on the **Page Setup** tab.



3. Set Orientation

Select **Portrait** or **Landscape** for **Orientation**. Check **Rotate 180 degrees** check box when you want to perform printing with the original being rotated 180 degrees.

4. Complete the setup

Click **OK**.

When you execute print, the document will be printed with the selected page size and the orientation.

▶▶▶ Note

- If **Normal-size** is selected for **Page Layout**, then **Automatically reduce large document that the printer cannot output** is displayed.

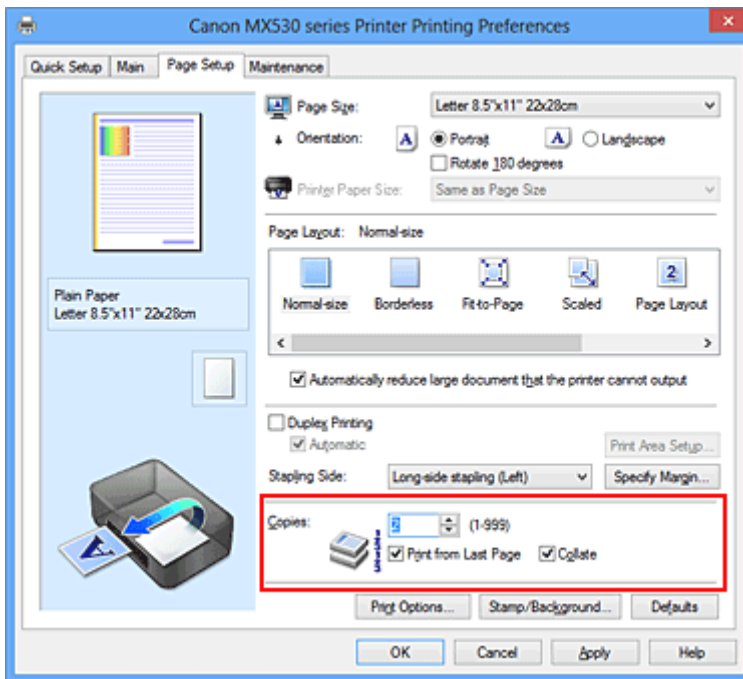
Normally, you can leave the check box checked. During printing, if you do not want to reduce large documents that cannot be printed on the printer, uncheck the check box.

Setting the Number of Copies and Printing Order

The procedure for specifying the number of copies and printing order is as follows:
You can also set the number of copies on the **Quick Setup** tab.

1. Open the [printer driver setup window](#)
2. Specify the number of copies to be printed

For **Copies** on the **Page Setup** tab, specify the number of copies to be printed.

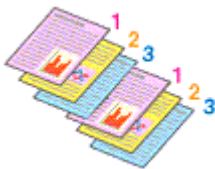


3. Specify the print order

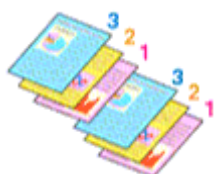
Check the **Print from Last Page** check box when you want to print from the last page in order, and uncheck the check box when you want to print from the first page.

Check the **Collate** check box when you are printing multiple copies of a document and want to print out all pages in each copy together. Uncheck this check box when you want to print all pages with the same page number together.

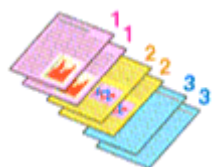
- **Print from Last Page:** / **Collate:**



- **Print from Last Page:** / **Collate:**



- **Print from Last Page:** / **Collate:**



- **Print from Last Page:** / **Collate:**



4. Complete the setup

Click **OK**.

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

»» Important

- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order with both the application software and this printer driver, the number of copies may be multiplied numbers of the two settings or the specified printing order may not be enabled.
- **Print from Last Page** appears grayed out and is unavailable when **Tiling/Poster** is selected for **Page Layout**.
- When **Booklet** is selected for **Page Layout**, **Print from Last Page** and **Collate** appear grayed out and cannot be set.
- When **Duplex Printing** is selected, **Print from Last Page** appears grayed out and cannot be set.

»» Note

- By setting both **Print from Last Page** and **Collate**, you can perform printing so that papers are collated one by one starting from the last page.
These settings can be used in combination with **Normal-size**, **Borderless**, **Fit-to-Page**, **Scaled**, and **Page Layout**.

Setting the Stapling Margin

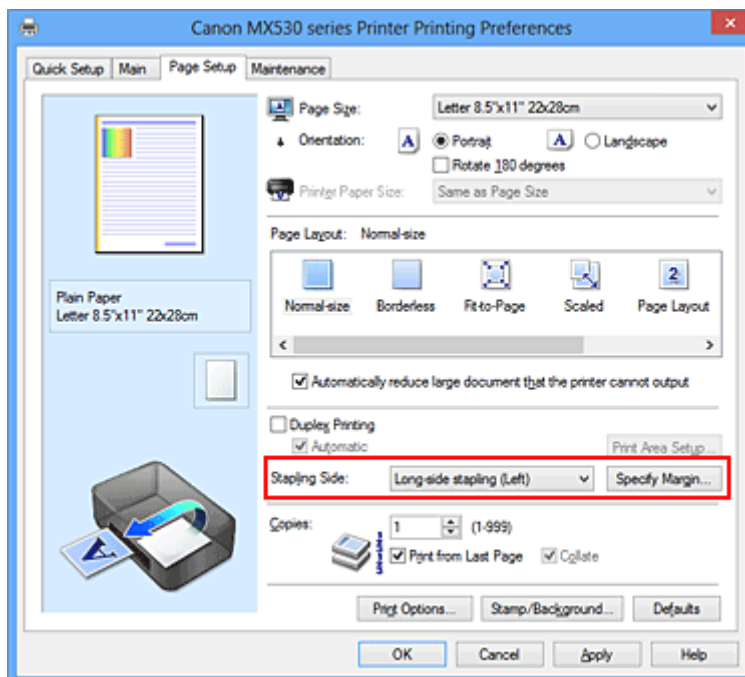


The procedure for setting the staple side and the margin width is as follows:

1. Open the [printer driver setup window](#)
2. Specify the side to be stapled

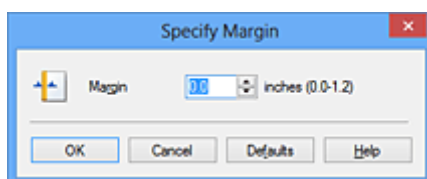
Check the position of the stapling margin from **Stapling Side** on the **Page Setup** tab.

The printer analyzes the **Orientation** and **Page Layout** settings, and automatically selects the best staple position. When you want to change the setting, select from the list.



3. Set the margin width

If necessary, click **Specify Margin...** and set the margin width, and then click **OK**.



»» Note

- The printer automatically reduces the print area depending on the staple position margin.

4. Complete the setup

Click **OK** on the **Page Setup** tab.

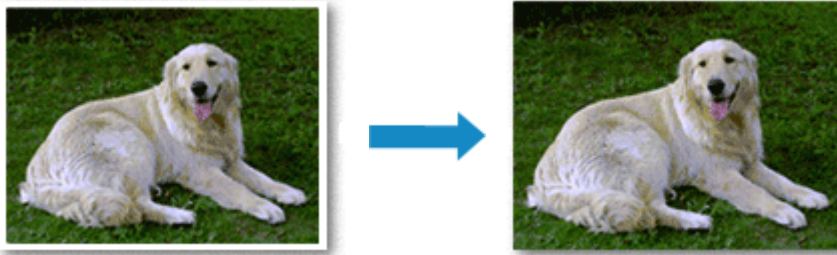
When you execute print, the data is printed with the specified staple side and margin width.

»» Important

- **Stapling Side** and **Specify Margin...** appear grayed out and are unavailable when:
 - **Borderless, Tiling/Poster, or Booklet** is selected for **Page Layout**
 - **Scaled** is selected for **Page Layout** (When **Duplex Printing** is also selected, only **Stapling Side** can be specified.)

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.



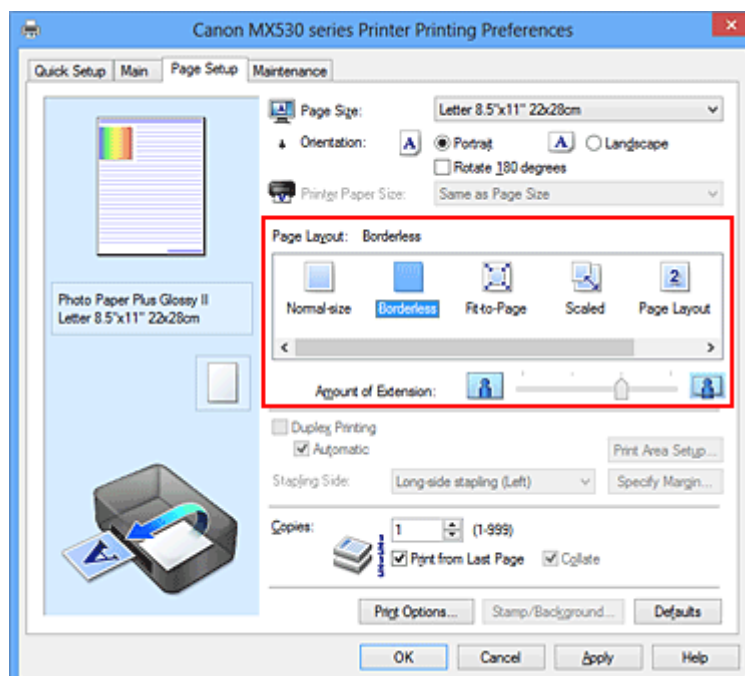
The procedure for performing borderless printing is as follows:

You can also set borderless printing in **Additional Features** on the **Quick Setup** tab.

Setting Borderless Printing

1. Open the [printer driver setup window](#)
2. Set borderless printing

Select **Borderless** from the **Page Layout** list on the **Page Setup** tab.



Click **OK** when the confirmation message appears.

When a message prompting you to change the media type appears, select a media type from the list and click **OK**.

3. Check the paper size

Check the **Page Size** list. When you want to change it, select another page size from the list. The list displays only sizes that can be used for borderless printing.

4. 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.



►►► Important

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

5. Complete the setup

Click **OK**.

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

►►► Important

- When a page size that cannot be used for borderless printing is selected, the size is automatically changed to the valid page sizes for borderless printing.
- When **Borderless** is selected, the **Printer Paper Size**, **Duplex Printing**, **Stapling Side** settings, and the **Stamp/Background... (Stamp...)** button on the **Page Setup** tab appear grayed out and are unavailable.
- When **Envelope**, **High Resolution Paper**, or **T-Shirt Transfers** is selected from the **Media Type** list on the **Main** tab, you cannot perform borderless printing.
- Depending on the type of the media used during borderless printing, the print quality may deteriorate at the top and bottom of the sheet or stains may form.
- 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.

►►► Note

- When **Plain Paper** is selected for **Media Type** on the **Main** tab, borderless printing is not recommended. Therefore, the message for media selection appears.
When you are using plain paper for test printing, select **Plain Paper**, and click **OK**.

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.

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.
- When **Preview before printing** is checked on the **Main** tab, you can confirm whether there will be no margin before printing.

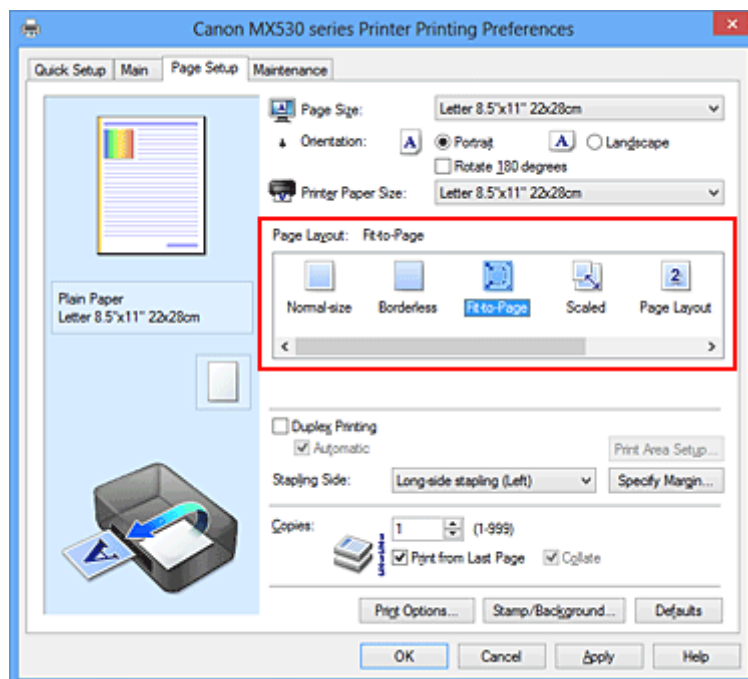
Fit-to-Page Printing



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

1. Open the [printer driver setup window](#)
2. Set fit-to-page printing

Select **Fit-to-Page** from the **Page Layout** list on the **Page Setup** tab.



3. Select the paper size of the document

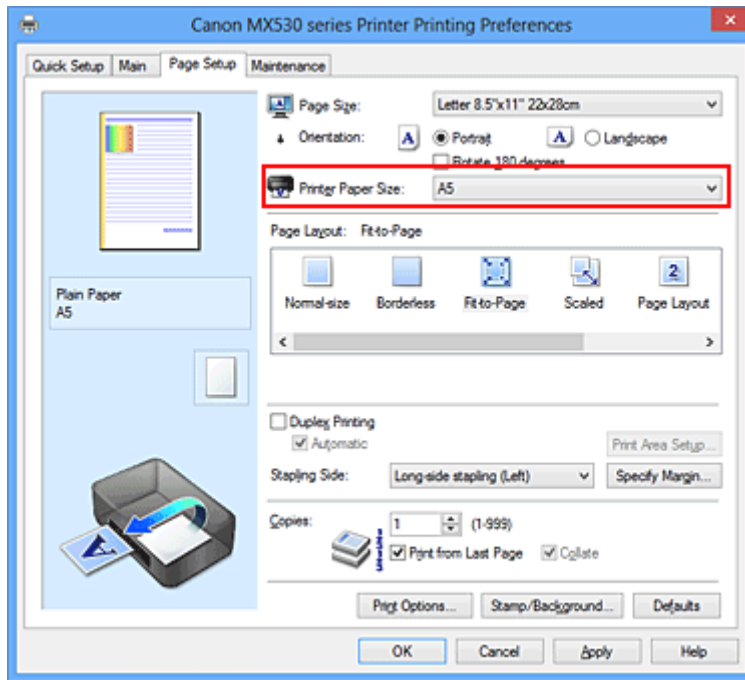
Using **Page Size**, select the page size that is set with your application software.

4. Select the print paper size

Select the size of the paper loaded in the machine from the **Printer Paper Size** list.

When the **Printer Paper Size** is smaller than the **Page Size**, the page image will be reduced. When the **Printer Paper Size** is larger than the **Page Size**, the page image will be enlarged.

The current settings are displayed in the settings preview on the left side of the printer driver.

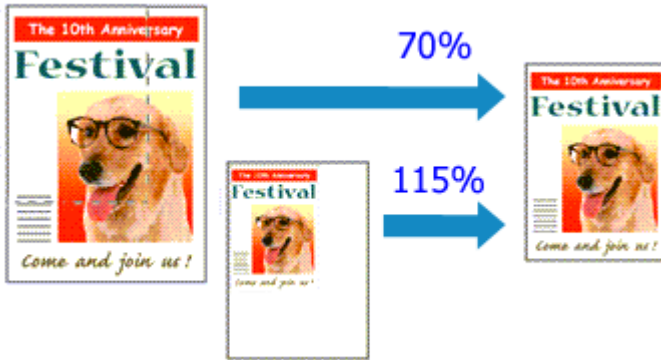


5. Complete the setup

Click **OK**.

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

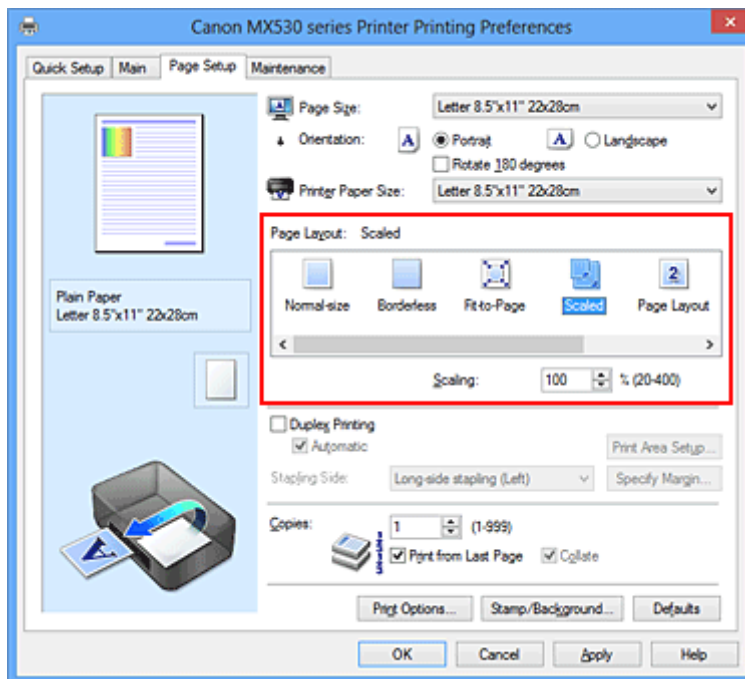
Scaled Printing



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

1. Open the [printer driver setup window](#)
2. Set scaled printing

Select **Scaled** from the **Page Layout** list on the **Page Setup** tab.



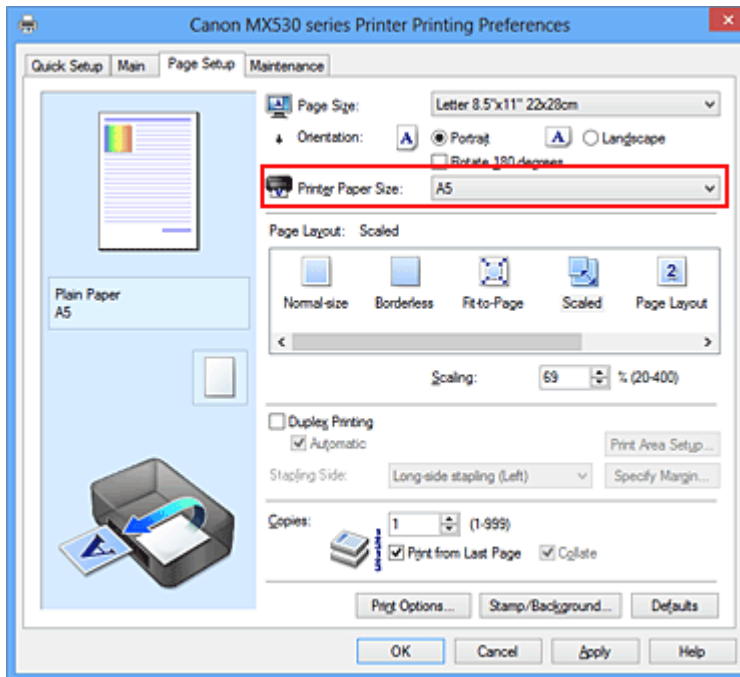
3. Select the paper size of the document

Using **Page Size**, select the page size that is set with your application software.

4. Set the scaling rate by using one of the following methods:

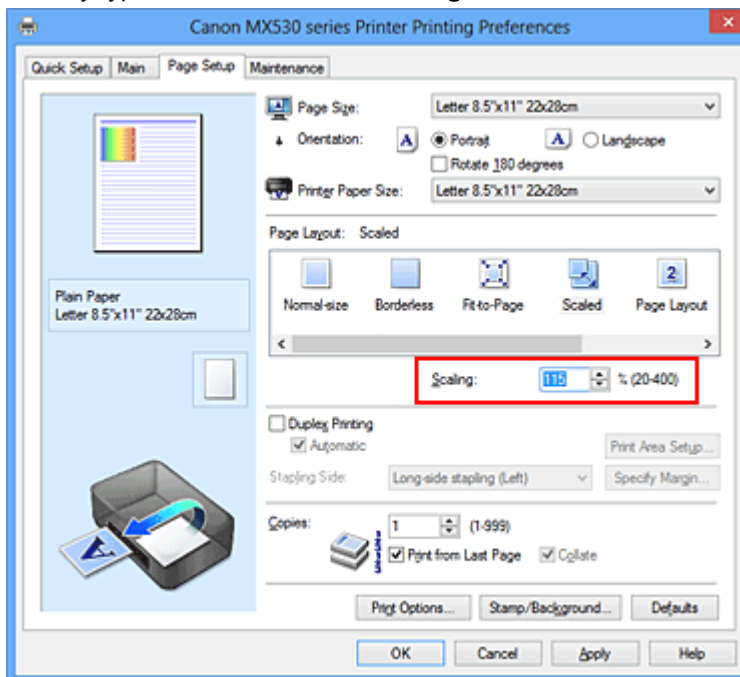
- Select a **Printer Paper Size**

When the printer paper size is smaller than the **Page Size**, the page image will be reduced. When the printer paper size is larger than the **Page Size**, the page image will be enlarged.



- Specify a scaling factor

Directly type in a value into the **Scaling** box.



The current settings are displayed in the settings preview on the left side of the printer driver.

5. Complete the setup

Click **OK**.

When you execute print, the document will be printed with the specified scale.

»»» Important

- When the application software which you used to create the original has the scaled printing function, configure the settings on your application software. You do not need to configure the same setting in the printer driver.

»» Note

- Selecting **Scaled** changes the printable area of the document.

Page Layout Printing

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



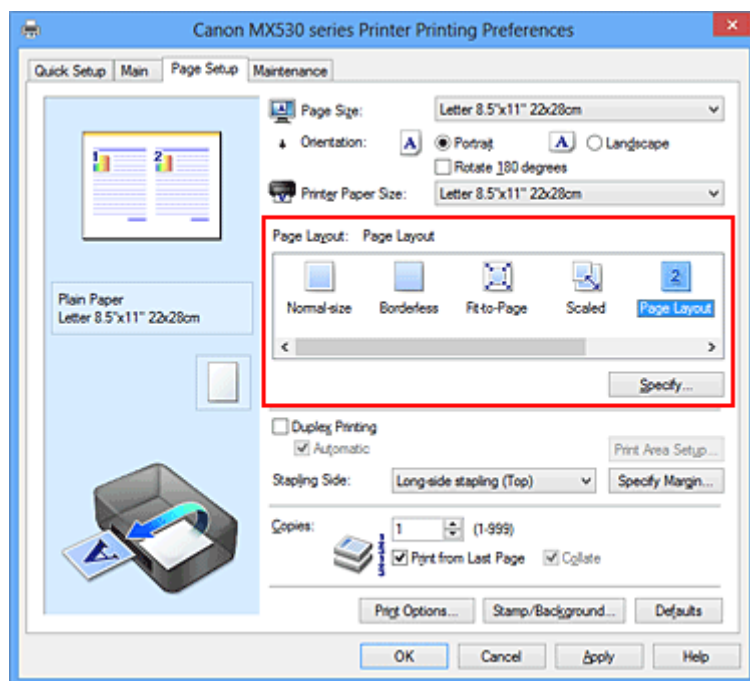
The procedure for performing page layout printing is as follows:

1. Open the [printer driver setup window](#)

2. Set page layout printing

Select **Page Layout** from the **Page Layout** list on the **Page Setup** tab.

The current settings are displayed in the settings preview on the left side of the printer driver.

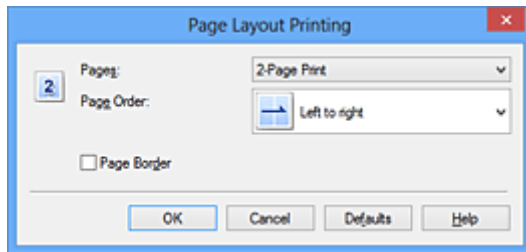


3. Select the print paper size

Select the size of the paper loaded in the machine from the **Printer Paper Size** list.

4. Set the number of pages to be printed on one sheet and the page order

If necessary, click **Specify...**, specify the following settings in the **Page Layout Printing** dialog box, and click **OK**.



Pages

To change the number of pages to be printed on a single sheet of paper, select the number of pages from the list.

Page Order

To change the page arrangement order, select a placement method from the list.

Page Border

To print a page border around each document page, check this check box.

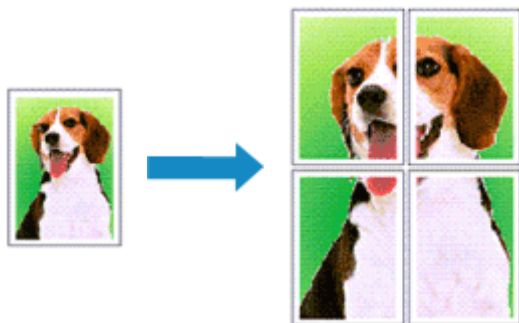
5. Complete the setup

Click **OK** on the **Page Setup** tab.

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

Tiling/Poster Printing

The tiling/poster printing function allows you to enlarge image data, divide it into several pages, and print these pages on separate sheets of paper. You can also paste the pages together to create a large print like a poster.



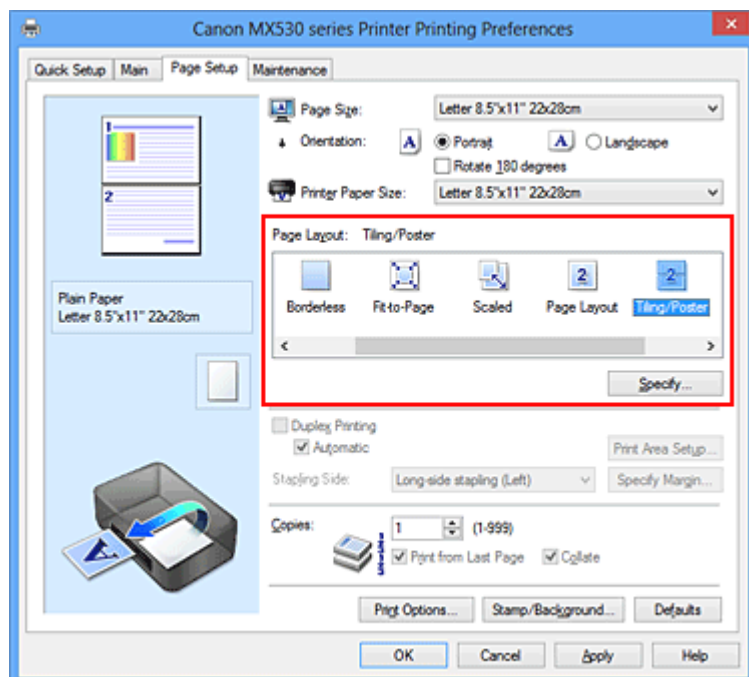
The procedure for performing tiling/poster printing is as follows:

Setting Tiling/Poster Printing

1. Open the [printer driver setup window](#)
2. Set tiling/poster printing

Select **Tiling/Poster** from the **Page Layout** list on the **Page Setup** tab.

The current settings are displayed in the settings preview on the left side of the printer driver.



3. Select the print paper size
Select the size of the paper loaded in the machine from the **Printer Paper Size** list.
4. Set the number of image divisions and the pages to be printed

If necessary, click **Specify...**, specify the following settings in the **Tiling/Poster Printing** dialog box, and then click **OK**.

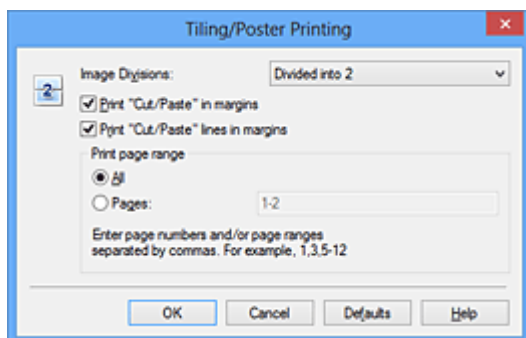


Image Divisions

Select the number of divisions (vertical x horizontal).

As the number of divisions increases, the number of sheets used for printing increases. If you are pasting pages together to create a poster, increasing the number of divisions allows you to create a larger poster.

Print "Cut/Paste" in margins

To leave out words "Cut" and "Paste", uncheck this check box.

►►► Note

- This feature may be unavailable when certain printer drivers or operating environments are used.

Print "Cut/Paste" lines in margins

To leave out cut lines, uncheck this check box.

Print page range

Specifies the printing range. Select **All** under normal circumstances.

To reprint only a specific page, select **Pages** and enter the page number you want to print. To specify multiple pages, enter the page numbers by separating them with commas or by entering a hyphen between the page numbers.

►►► Note

- You can also specify the print range by clicking the pages in the settings preview.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, the document will be divided into several pages during printing.

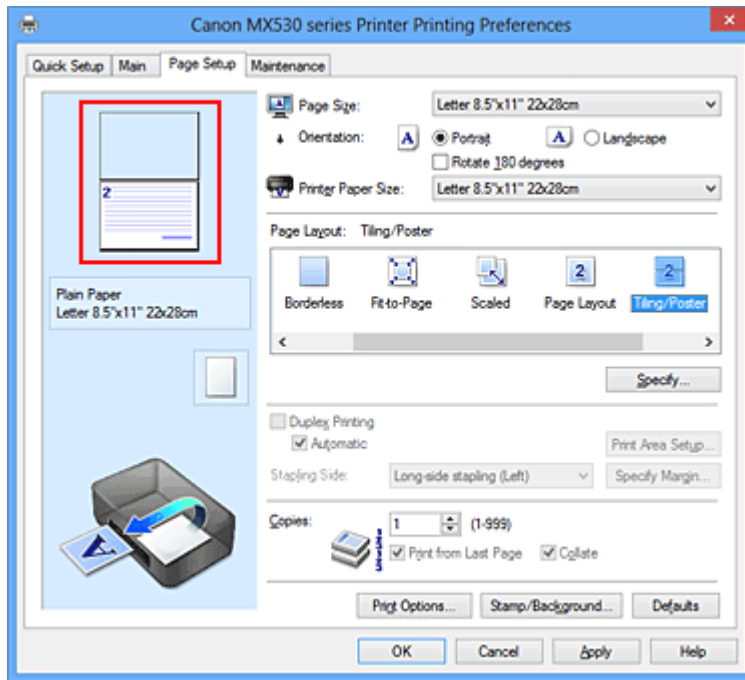
Printing Only Specific Pages

If ink becomes faint or runs out during printing, you can reprint only the specific pages by following the procedure below:

1. Set the print range

In the settings preview on the left of the **Page Setup** tab, click the pages that do not need to be printed.

The pages that were clicked are deleted, and only the pages to be printed are displayed.



➤➤➤ Note

- Click the deleted pages to display them again.
- Right-click the settings preview to select **Print all pages** or **Delete all pages**.

2. Complete the setup

After completing the page selection, click **OK**.

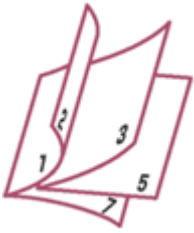
When you execute print, only specified pages will be printed.

➤➤➤ Important

- Since tiling/poster printing enlarges the document when printing it, the print results may become coarse.

Booklet Printing

The booklet printing function allows you to print data for a booklet. Data is printed on both sides of the paper. This type of printing ensures that pages can be collated properly, in page number order, when the printed sheets are folded and stapled at the center.

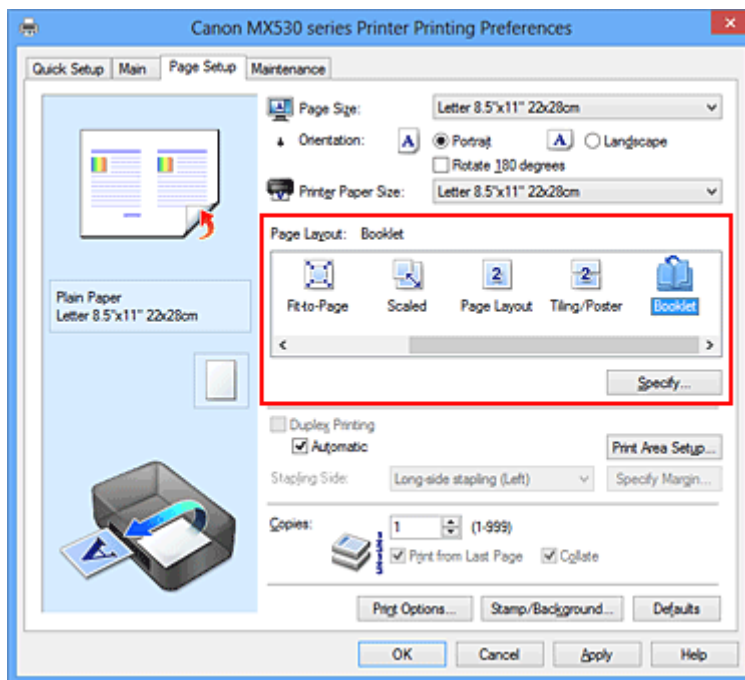


The procedure for performing booklet printing is as follows:

1. Open the [printer driver setup window](#)
2. Set booklet printing

Select **Booklet** from the **Page Layout** list on the **Page Setup** tab.

The current settings are displayed in the settings preview on the left side of the window.

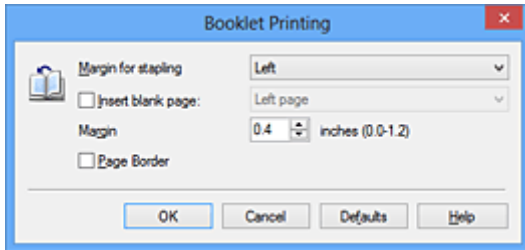


3. Select the print paper size

Select the size of the paper loaded in the machine from the **Printer Paper Size** list.

4. Set the margin for stapling and the margin width

Click **Specify...** and specify the following settings in the **Booklet Printing** dialog box, and then click **OK**.



Margin for stapling

Select which side should the stapling margin be on when the booklet is completed.

Insert blank page

To leave one side of a sheet blank, check the check box, and select the page to be left blank.

Margin

Enter the margin width. The specified width from the center of the sheet becomes the margin width for one page.

Page Border

To print a page border around each document page, check the check box.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, the document is automatically printed first on one side of a sheet of paper and then on the opposite side.

When the printing is complete, fold the paper at the center of the margin and make a booklet.

»»» Important

- **Booklet** cannot be selected when a media type other than **Plain Paper** is selected for **Media Type** on the **Main** tab.

»»» Note

- The stamp and background are not printed on the inserted blank sheets with the **Insert blank page** function of booklet printing.

Duplex Printing



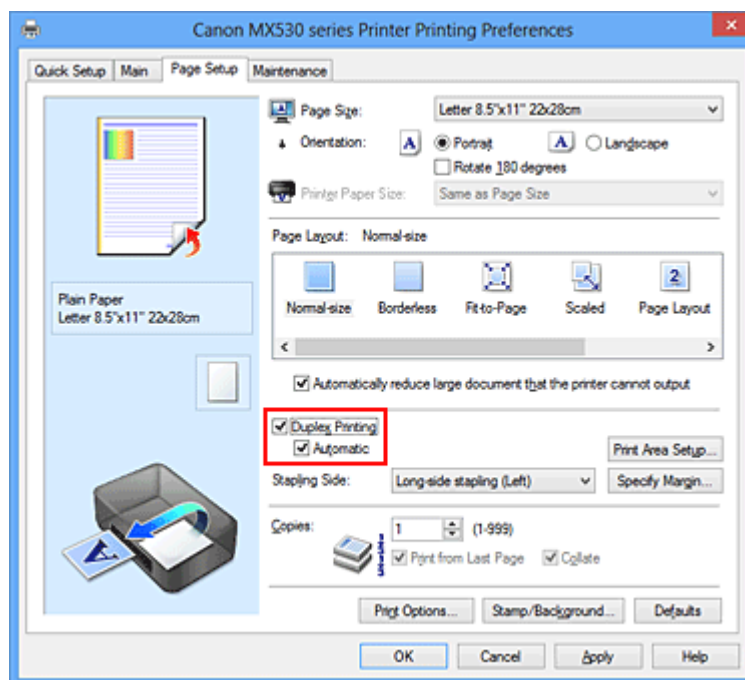
The procedure for printing data on both sides of a sheet of paper is as follows:
You can also set duplex printing in **Additional Features** on the **Quick Setup** tab.

Performing Automatic Duplex Printing

You can perform the duplex printing without having to turn over the paper.

1. Open the [printer driver setup window](#)
2. Set automatic duplex printing

Check the **Duplex Printing** check box on the **Page Setup** tab and confirm that **Automatic** is checked.



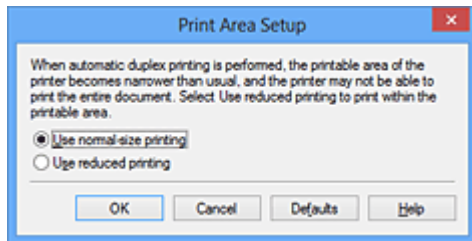
3. Select the layout

Select **Normal-size**, **Fit-to-Page**, **Scaled**, or **Page Layout** from the **Page Layout** list.

4. Set the print area

When you perform duplex printing, the print area of the document becomes slightly narrower than usual and the document may not fit on one page.

Click **Print Area Setup...**, select one of the following process methods, and then click **OK**.



Use normal-size printing

Print without reducing the page.

Use reduced printing

Reduce the page slightly during printing.

5. Specify the side to be stapled

The best **Stapling Side** is selected automatically from the **Orientation** and **Page Layout** settings. To change the setting, select another stapling side from the list.

6. Set the margin width

If necessary, click **Specify Margin...** and set the margin width, and then click **OK**.

7. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, duplex printing will be started.

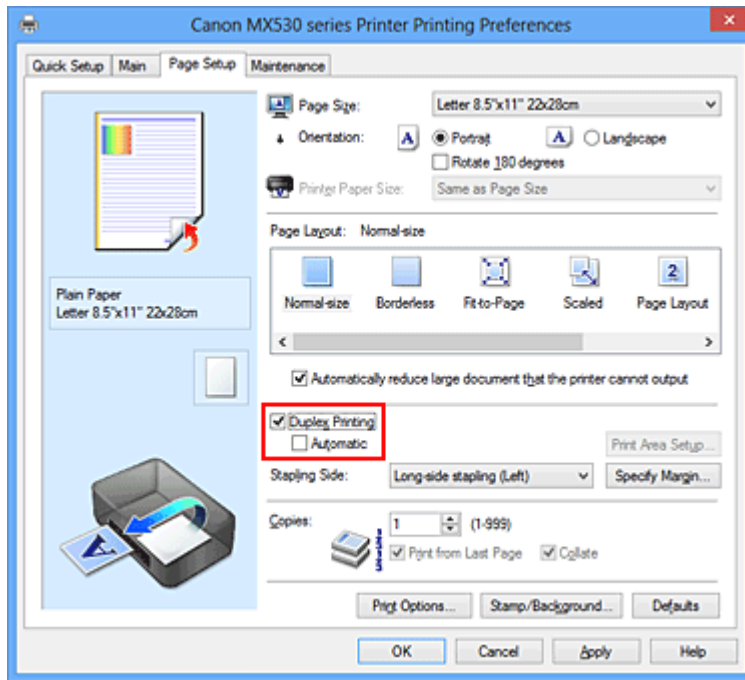
Performing Duplex Printing Manually

You can perform the duplex printing manually.

1. Open the [printer driver setup window](#)

2. Set duplex printing

Check the **Duplex Printing** check box and uncheck the **Automatic** check box on the **Page Setup** tab.



3. Select the layout

Select **Normal-size**, **Fit-to-Page**, **Scaled**, or **Page Layout** from the **Page Layout** list.

4. Specify the side to be stapled

The best **Stapling Side** is selected automatically from the **Orientation** and **Page Layout** settings. To change the setting, select another stapling side from the list.

5. Set the margin width

If necessary, click **Specify Margin...** and set the margin width, and then click **OK**.

6. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, the document is first printed on one side of a sheet of paper. After one side is printed, reload the paper correctly according to the message.

Then click **Start Printing** to print the opposite side.

»»» Important

- **Duplex Printing** appears grayed out and is unavailable when:
 - A media type other than **Plain Paper** is selected from the **Media Type** list.
 - **Tiling/Poster** and **Borderless** are selected from the **Page Layout** list.
- When **Booklet** is selected from the **Page Layout** list, **Duplex Printing** and **Stapling Side** appear grayed out and are unavailable.
- **Duplex Printing** can be performed only when one of the following paper sizes is selected from **Page Size** on the **Page Setup** tab.
 - **Letter 8.5"x11" 22x28cm, 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 at **Custom Settings** on the **Maintenance** tab.

▶▶▶ Note

- If the back side of the paper becomes smudged during duplex printing, perform **Bottom Plate Cleaning** in the **Maintenance** tab.
- Unless head position adjustment is performed after an ink cartridge is loaded or replaced, the intended print results may not be obtained during automatic duplex printing. If the print results are not satisfactory, refer to "Aligning the Print Head Position from Your Computer" and adjust the head position.

Related Topics

- Cleaning Inside the Machine
- Changing the Machine Operation Mode

Stamp/Background Printing

Stamp or **Background** may be unavailable when certain printer drivers or operating environments are used.

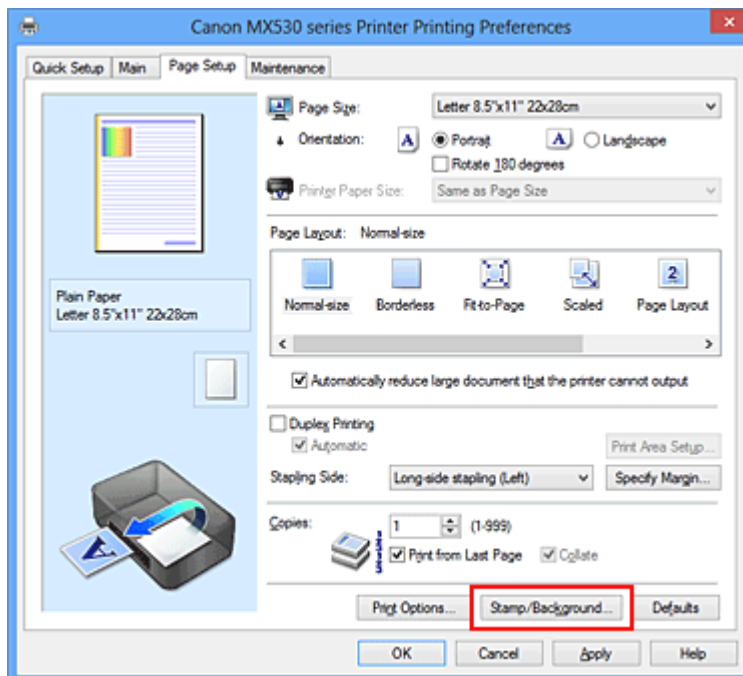
The **Stamp** function allows you to print a stamp text or a bitmap over or behind document data. It also allows you to print date, time and user name. The **Background** function allows you to print a light illustration behind the document data.

The procedure for performing stamp/background printing is as follows:

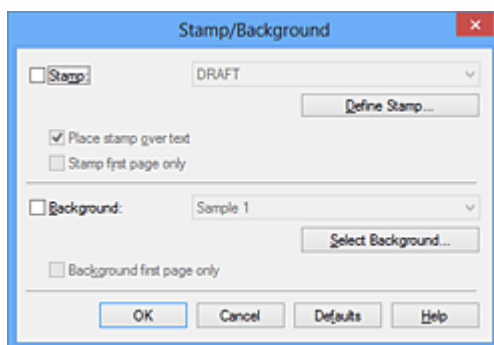
Printing a Stamp

"CONFIDENTIAL," "IMPORTANT," and other stamps that are used often in companies are pre-registered.

1. Open the [printer driver setup window](#)
2. Click **Stamp/Background... (Stamp...)** on the **Page Setup** tab



The **Stamp/Background (Stamp)** dialog box opens.



➤➤➤ Note

- With the XPS printer driver, the **Stamp/Background...** button has become the **Stamp...** button and only the stamp function can be used.

3. Select a stamp

Check the **Stamp** check box, and select the stamp to be used from the list.

The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

4. Set the stamp details

If necessary, specify the following settings, and then click **OK**.

Define Stamp... button

To [change the stamp text, bitmap, or position](#), click this.

Place stamp over text

To print the stamp on the front of the document, check this check box.

▶▶▶ Note

- The stamp is given priority because the stamp is printed over the document data in the sections where the stamp and the document data overlap. When this check box is unchecked, the stamp is printed behind the document data and may be hidden in the overlapping sections depending on the application software used.
- **Place stamp over text** cannot be used when the XPS printer driver is used. When the XPS printer driver is used, the stamp is normally printed in the foreground of the document.

Print semitransparent stamp

Check this check box to print a semi-transparent stamp on the document.

This function is available only when the XPS printer driver is used.

Stamp first page only

To print the stamp only on the first page, check this check box.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, the data is printed with the specified stamp.

Printing a Background

Two bitmap files are pre-registered as samples.

1. Open the [printer driver setup window](#)

2. Click **Stamp/Background...** on the **Page Setup** tab

The **Stamp/Background** dialog box opens.

3. Select the background

Check the **Background** check box, and select the background to be used from the list.

The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

4. Set the background details

If necessary, complete the following settings, and then click **OK**.

Select Background... button

To [use another background or change the layout or density of a background](#), click this.

Background first page only

To print the background only on the first page, check this check box.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, the data is printed with the specified background.

►► Important

- When **Borderless** is selected, the **Stamp/Background... (Stamp...)** button appears grayed out and is unavailable.

►► Note

- The stamp and background are not printed on blank sheets inserted with the **Insert blank page** function of booklet printing.

Related Topics

- [Registering a Stamp](#)
- [Registering Image Data to be Used as a Background](#)

Registering a Stamp

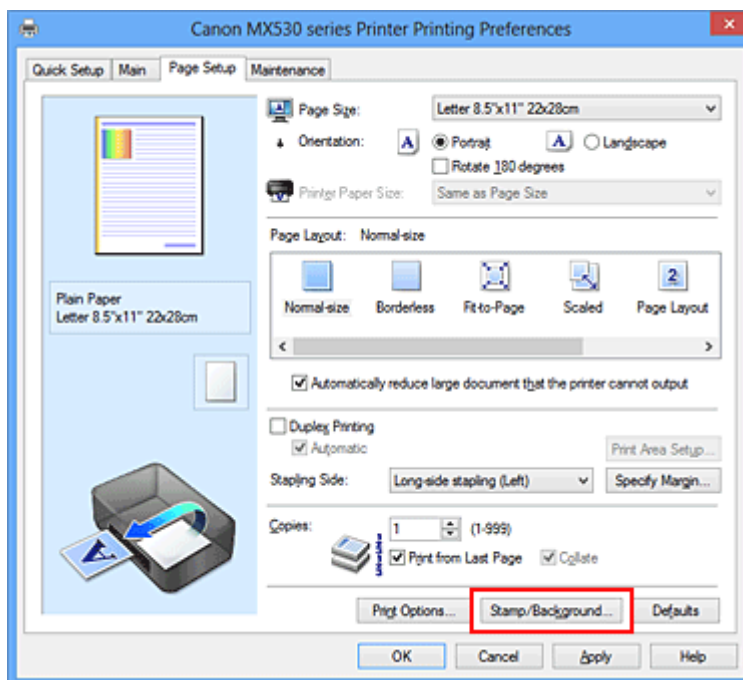
This feature may be unavailable when certain printer drivers or operating environments are used.

You can create and register a new stamp. You can also change and re-register some of the settings of an existing stamp. Unnecessary stamps can be deleted at any time.

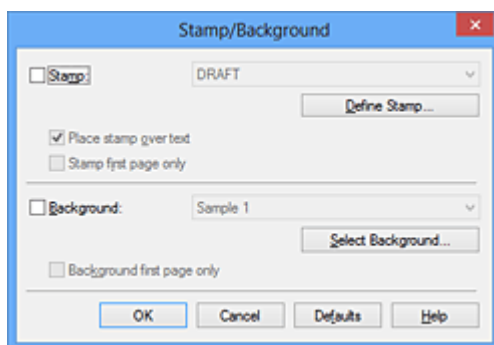
The procedure for registering a new stamp is as follows:

Registering a New Stamp

1. Open the [printer driver setup window](#)
2. Click **Stamp/Background... (Stamp...)** on the **Page Setup** tab



The **Stamp/Background (Stamp)** dialog box opens.

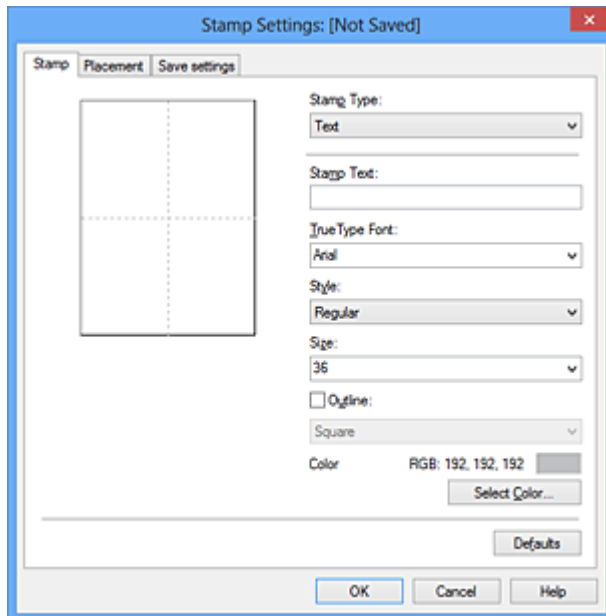


➤➤➤ Note

- With the XPS printer driver, the **Stamp/Background...** button has become the **Stamp...** button and only the stamp function can be used.

3. Click **Define Stamp...**

The **Stamp Settings** dialog box opens.



4. Configure the stamp while viewing the preview window

- **Stamp tab**

Select **Text**, **Bitmap**, or **Date/Time/User Name** that matches your purpose for **Stamp Type**.

- For **Text** registration, the characters must already be entered in **Stamp Text**. If necessary, change the **TrueType Font**, **Style**, **Size**, and **Outline** settings. You can select the color of the stamp by clicking **Select Color...**
- For **Bitmap**, click **Select File...** and select the bitmap file (.bmp) to be used. If necessary, change the settings of the **Size** and **Transparent white area**.
- For **Date/Time/User Name**, the creation date/time and user name of the printed object are displayed in **Stamp Text**. If necessary, change the settings of **TrueType Font**, **Style**, **Size**, and **Outline**. You can select the color of the stamp by clicking **Select Color...**

»»» Important

- **Stamp Text** appears grayed out and is unavailable when **Date/Time/User Name** is selected.

- **Placement tab**

Select the stamp position from the **Position** list. You can also select **Custom** from the **Position** list and specify coordinates for **X-Position** and **Y-Position**.

You can also change the stamp position by dragging the stamp in the preview window.

To change the stamp position angle, type a value in the **Orientation** box directly.

»»» Important

- **Orientation** cannot be changed when **Bitmap** is selected for **Stamp Type** on the **Stamp** tab.

5. Save the stamp

Click the **Save settings** tab and enter a title in the **Title** box, and then click **Save**.

Click **OK** when the confirmation message appears.

»»» Note

- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

6. Complete the setup

Click **OK**. The **Stamp/Background (Stamp)** dialog box opens again.
The registered title appears in the **Stamp** list.

Changing and Registering Some of Stamp Settings

1. Select the stamp for which the settings are to be changed

Select the **Stamp** check box in the **Stamp/Background (Stamp)** dialog box. Then from the list, select the title of the stamp to be changed.

2. Click **Define Stamp...**

The **Stamp Settings** dialog box opens.

3. Configure the stamp while viewing the preview window

4. Overwrite save the stamp

Click **Save overwrite** on the **Save settings** tab.

When you want to save the stamp with a different title, type a new title in the **Title** box and click **Save**.
Click **OK** when the confirmation message appears.

5. Complete the setup

Click **OK**. The **Stamp/Background (Stamp)** dialog box opens again.
The registered title appears in the **Stamp** list.

Deleting an Unnecessary Stamp

1. Click **Define Stamp...** in the **Stamp/Background (Stamp)** dialog box

The **Stamp Settings** dialog box opens.

2. Select the stamp to be deleted

Select the title of the stamp you want to delete from the **Stamps** list on the **Save settings** tab. Then click **Delete**.

Click **OK** when the confirmation message appears.

3. Complete the setup

Click **OK**. The **Stamp/Background (Stamp)** dialog box opens again.

Registering Image Data to be Used as a Background

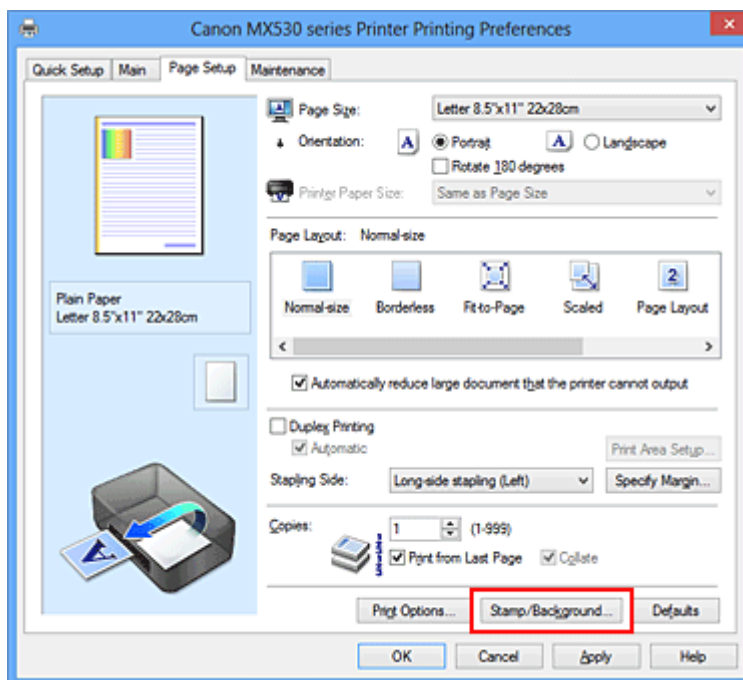
This feature may be unavailable when certain printer drivers or operating environments are used.

You can select a bitmap file (.bmp) and register it as a new background. You can also change and register some of the settings of an existing background. An unnecessary background can be deleted.

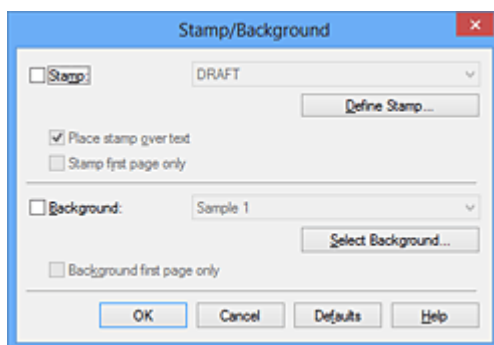
The procedure for registering image data to be used as a background is as follows:

Registering New Background

1. Open the [printer driver setup window](#)
2. Click **Stamp/Background...** on the **Page Setup** tab



The **Stamp/Background** dialog box opens.

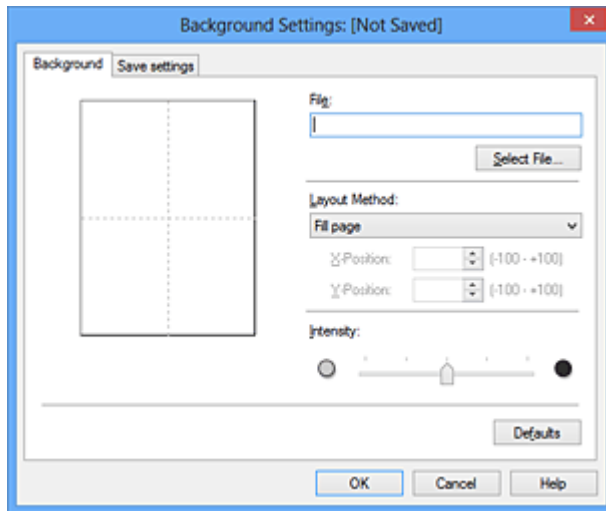


➤➤➤ Note

- With the XPS printer driver, the **Stamp/Background...** button has become the **Stamp...** button and **Background** cannot be used.

3. Click **Select Background...**

The **Background Settings** dialog box opens.



4. Select the image data to be registered to the background

Click **Select File....** Select the target bitmap file (.bmp), and then click **Open**.

5. Specify the following settings while viewing the preview window

Layout Method

Select how the background image data is to be placed.

When **Custom** is selected, you can set coordinates for **X-Position** and **Y-Position**.

You can also change the background position by dragging the image in the preview window.

Intensity

Set the intensity of the background image data with the **Intensity** slider. Moving the slider to the right darkens the background, and moving the slider to the left lightens the background. To print the background at the original bitmap intensity, move the slider to the rightmost position.

6. Save the background

Click the **Save settings** tab and enter a title in the **Title** box, and then click **Save**.

Click **OK** when the confirmation message appears.

➤➤➤ Note

- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

7. Complete the setup

Click **OK**, then it returns to **Stamp/Background** dialog box.

The registered title appears in the **Background** list.

Changing and Registering Some Background Settings

1. Select the background for which the settings are to be changed

Select the **Background** check box in the **Stamp/Background** dialog box. Then from the list, select the title of the background you want to change.

2. Click **Select Background...**

The **Background Settings** dialog box opens.

3. Specify each item on the **Background** tab while viewing the preview window

4. Save the background

Click **Save overwrite** on the **Save settings** tab. When you want to save the background with a different title, enter a new title in the **Title** box and click **Save**.

Click **OK** when the confirmation message appears.

5. Complete the setup

Click **OK**, then it returns to **Stamp/Background** dialog box.

The registered title appears in the **Background** list.

Deleting an Unnecessary Background

1. Click **Select Background...** in the **Stamp/Background** dialog box

The **Background Settings** dialog box opens.

2. Select the background to be deleted

Select the title of the background you want to delete from the **Backgrounds** list on the **Save settings** tab, and then click **Delete**.

Click **OK** when the confirmation message appears.

3. Complete the setup

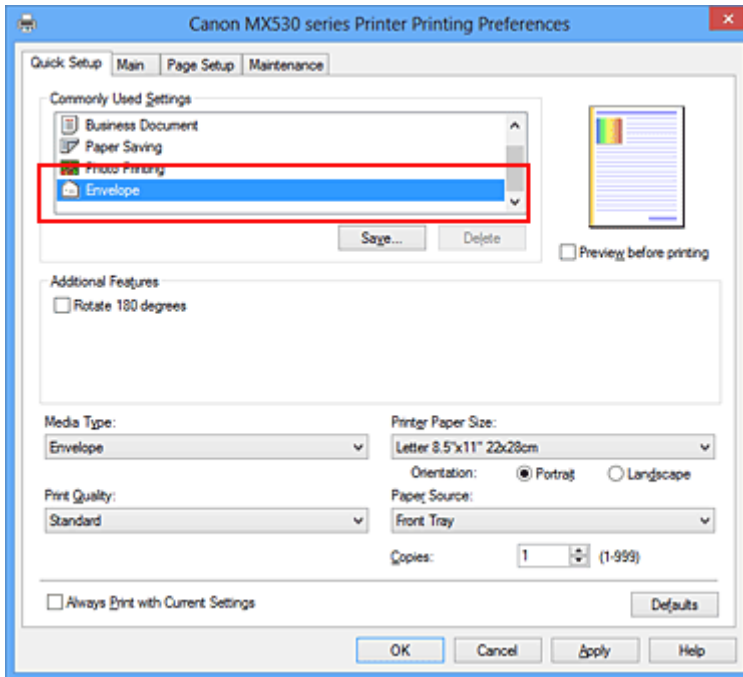
Click **OK**, then it returns to **Stamp/Background** dialog box.

Setting Up Envelope Printing

The procedure for performing envelope printing is as follows:

1. Load envelope on the machine
2. Open the [printer driver setup window](#)
3. Select the media type

Select **Envelope** from **Commonly Used Settings** on the **Quick Setup** tab.

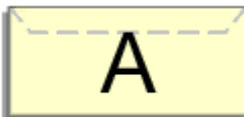


4. Select the paper size

When the **Envelope Size Setting** dialog box is displayed, select **Envelope Com 10**, **Envelope DL**, **Yougata 4 4.13"x9.25"**, or **Yougata 6 3.86"x7.48"**, and then click **OK**.

5. Set the orientation

To print the addressee horizontally, select **Landscape** for **Orientation**.



6. Select the print quality

Select **High** or **Standard** that matches your purpose for **Print Quality**.

7. Complete the setup

Click **OK**.

When you execute print, the information is printed on the envelope.

»» Important

- When you execute envelope printing, guide messages are displayed.
To hide the guide messages, check the **Do not show this message again** check box.
To show the guide again, click the **View Printer Status** button on the **Maintenance** tab, and start the Canon IJ Status Monitor.
Then click **Envelope Printing** from **Display Guide Message** of the **Option** menu to enable the setting.

Printing on Postcards

This section describes the procedure for postcard printing.

1. Load postcard on the machine
2. Open the [printer driver setup window](#)
3. Select commonly used settings

Display the **Quick Setup** tab, and for **Commonly Used Settings**, select **Standard**.

4. Select the media type

For **Media Type**, select **Hagaki A**, **Ink Jet Hagaki**, **Hagaki K**, or **Hagaki**.

▶▶▶ 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. Select the paper size

For **Printer Paper Size**, select **Hagaki 100x148mm** or **Hagaki 2 200x148mm**.

▶▶▶ 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 **Hagaki 2 200x148mm** 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.

6. Set the print orientation

To print the address horizontally, set **Orientation** to **Landscape**.

7. Select the print quality

For **Print Quality**, select **High** or **Standard**, whichever best suits the purpose.

8. Complete the setup

Click **OK**.

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

▶▶▶ Important

- When you execute postcard printing, a guide message is displayed. When the guide message is displayed, select **Do not show this message again** if you do not want any guide messages to be displayed. To display guide messages again, open the **Maintenance** tab and click **View Printer Status** to start the

Canon IJ Status Monitor.

On the **Option** menu, choose **Display Guide Message** and click **Hagaki Printing** to enable the setting.

- When printing on media other than postcards, load the media according to usage method of that media, and click **Start Printing**.

Displaying the Print Results before Printing

If you are using the XPS printer driver, replace "Canon IJ Preview" with "Canon IJ XPS Preview" when reading this information.

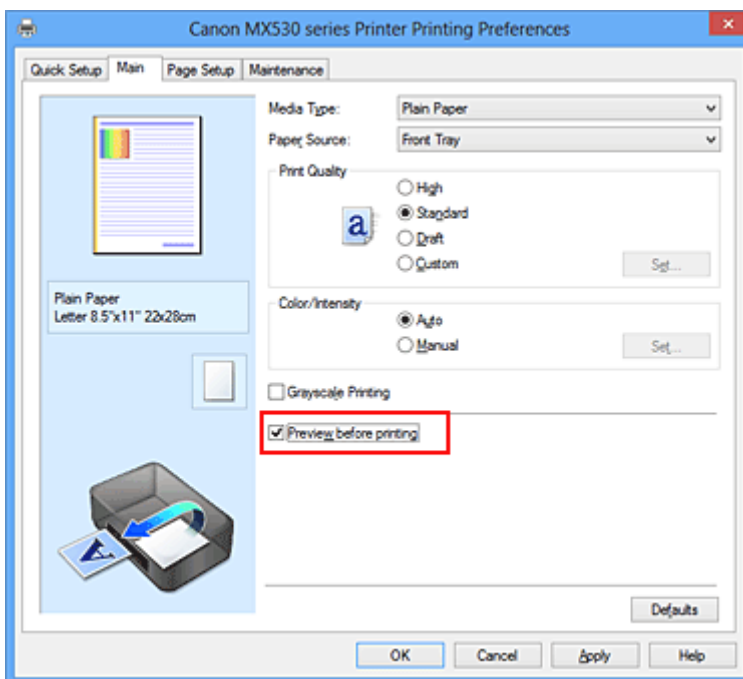
You can display and check the print result before printing.

The procedure for displaying the print result before printing is as follows:

You can also set the print results display on the **Quick Setup** tab.

1. Open the [printer driver setup window](#)
2. Set the preview

Check the **Preview before printing** check box on the **Main** tab.



3. Complete the setup

Click **OK**.

When you execute print, the Canon IJ Preview opens and displays the print results.

►► Important

- In the **Manual Color Adjustment** dialog box, the **Color Adjustment** tab contains the **Print a pattern for color adjustment** check box. When this check box is selected, the **Preview before printing** appears grayed out and is unavailable.

Related Topic

- [Canon IJ Preview](#)

Setting Paper Dimensions (Custom Size)

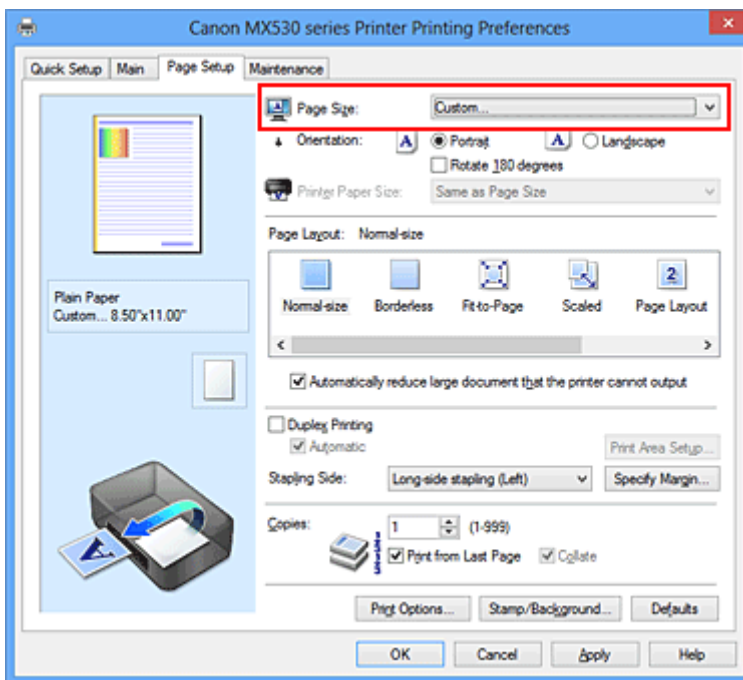
You can specify the height and width of paper when its size cannot be selected from the **Page Size**. Such a paper size is called "custom size."

The procedure for specifying a custom size is as follows:

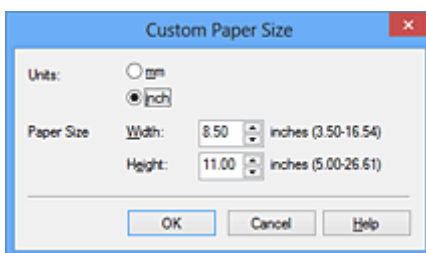
You can also set a custom size in **Printer Paper Size** on the **Quick Setup** tab.

1. Open the [printer driver setup window](#)
2. Select the paper size

Select **Custom...** for **Page Size** on the **Page Setup** tab.



The **Custom Paper Size** dialog box opens.



3. Set the custom paper size

Specify **Units**, and enter the **Width** and **Height** of the paper to be used. Then click **OK**.

4. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, the data is printed with the specified paper size.

»» Important

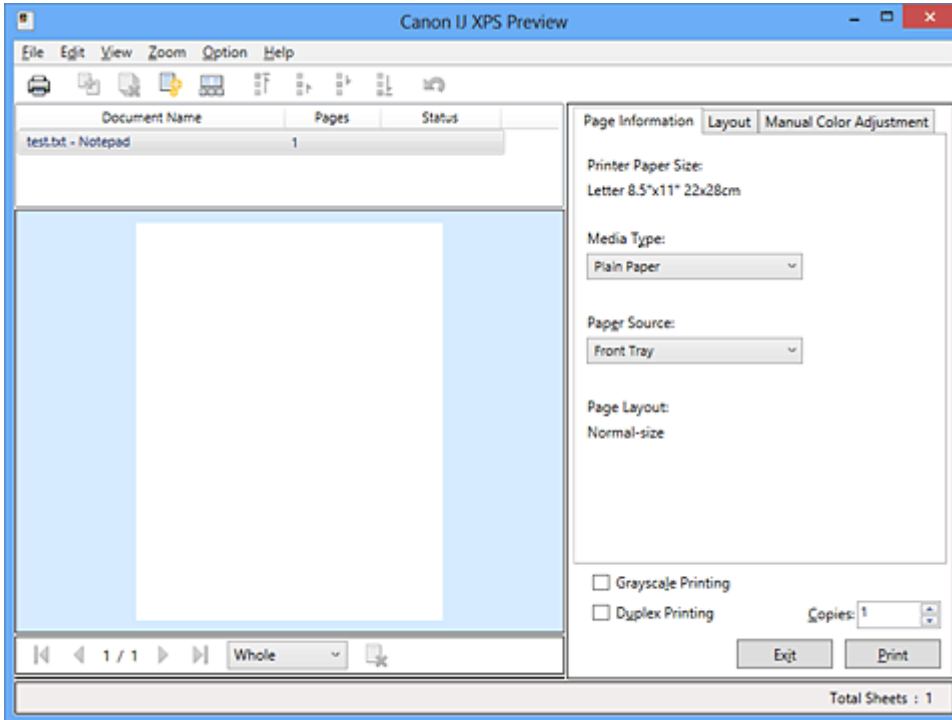
- When the application software that created the document has a function for specifying the height and width values, use the application software to set the values. When the application software does not have such a function or if the document does not print correctly, use the printer driver to set the values.
- Printing may be disabled depending on the size of the specified user-defined media.
For information about printable sizes for user-defined media, see "Media Types You Can Use."

Editing the Print Document or Reprinting from the Print History

This function is unavailable when the standard IJ printer driver is used.

In the Canon IJ XPS preview window, you can edit the print document or retrieve the document print history to print the document.

The procedure for using the Canon IJ XPS Preview is as follows:



Print



Combine Documents



Delete Document



Reset Documents



View Thumbnails



Move Document



Undo





Move Page



Delete Page

▶▶▶ Note

- By clicking  **View Thumbnails**, you can display or hide thumbnails of the print documents selected in the **Document Name** list.
- Clicking  **Undo** reverses the change that just performed.

Editing and Printing a Print Document

When printing multiple documents or pages, you can combine documents, change the print sequence of the documents or pages, or delete documents or pages.

1. Open the [printer driver setup window](#)

2. Set the preview

Check the **Preview before printing** check box on the **Main** tab.

3. Complete the setup

Click **OK**.

The Canon IJ XPS Preview will start and the print result will be displayed before printing.

4. Editing print documents and print pages

- Combining print documents

You can combine multiple print documents to form a single document. By combining print documents, you can prevent blank pages from being inserted when you execute duplex printing or page layout printing.

From the **Document Name** list, select the documents to be combined. On the **Edit** menu, select **Combine Documents** from **Documents** to combine the documents in the listed sequence.

To select multiple print documents, hold down the Ctrl key and click the documents to be merged, or hold down the Shift key and press the upper arrow or lower arrow key. You can also click a blank area in the document list and drag the mouse to select multiple documents.

When you combine documents, the documents selected before the combining are deleted from the list and the combined document is added to the list.

- Changing the sequence of print documents or print pages

- To change the sequence of the print documents, go to the **Document Name** list, and select the print document to be moved. Next, on the **Edit** menu, select **Move Document** from **Documents**, and select the appropriate item. You can also click and drag a print document to change the print sequence.

- To change the sequence of the print pages, click **View Thumbnails** from the **Option** menu, and select the print page to be moved. Next, on the **Edit** menu, select **Move Page** from **Pages**, and select the appropriate item. You can also click and drag a print page to change the print sequence.

- Deleting print documents and print pages

- To delete a print document, select the target document from the **Document Name** list, and on the **Edit** menu, choose **Documents** and then **Delete Document**.

- To delete a print page, click **View Thumbnails** from the **Option** menu, and select the print page to be deleted. Next, on the **Edit** menu, select **Delete Page** from **Pages**.

- Print page recovery

You can recover pages that were deleted with **Delete Page**.

To recover pages, select the **View Deleted Pages** check box from the **Option** menu, and select the pages to be recovered from among the displayed thumbnail pages. Then from the **Edit** menu chose **Pages** and then **Restore Page**.

After editing the print documents or print pages, you can change the print settings on the **Page Information**, **Layout** and **Manual Color Adjustment** tabs as necessary.

▶▶▶ Important

- To display the multiple documents in the list, open the preview and execute print again.
- To return the print documents to their original condition before they were edited in the preview, on the **Edit** menu, select **Reset Documents** from **Documents**.
- If the documents to be combined have different print settings, a message may be displayed. Check the contents of the displayed message before combining the documents.
- If the documents to be combined have different output paper sizes and duplex printing or page layout printing is to be performed, the printer may not produce the expected print results for certain print pages. Check the preview before printing.
- Depending on the print settings of the print document, some functions may not be available in the Canon IJ XPS preview.

▶▶▶ Note

- You can rename **Document Name** to any name.

5. Executing print

Click **Print**.

When you execute print, the printer uses the specified settings to print the data.

Reprinting from the Print History

When you click **Save Print History** on the **File** menu to enable the setting, the document printed from the preview is saved, and you can reprint the document with the same settings.

1. Displaying the print history

Open the [printer driver setup window](#). Then on the **Maintenance** tab, select **View Print History**. The saved print document is displayed in the preview.

▶▶▶ Important

- To limit the number of print history registrations, click **History Entry Limit** on the **File** menu.
- If the limit on the number of registration is exceeded, the print history registrations are deleted starting from the oldest one.

2. Selecting a print document

From the **Document Name** list, select the document to be printed.

3. Executing print

Click **Print**.

Related Topic

- [Displaying the Print Results before Printing](#)

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](#)
- [Adjusting Color Balance](#)
- [Adjusting Color Balance Using Sample Patterns \(Printer Driver\)](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)
- [Adjusting Intensity/Contrast Using Sample Patterns \(Printer Driver\)](#)

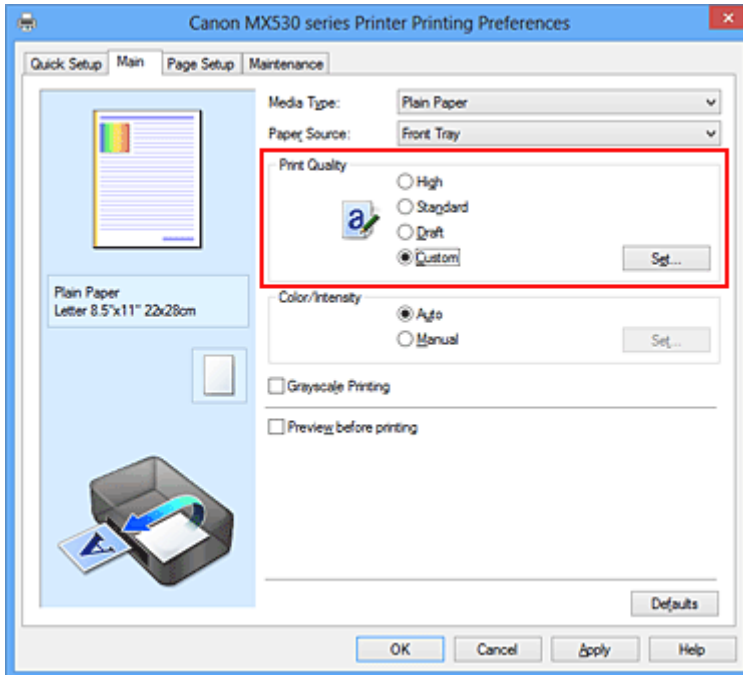
Setting the Print Quality Level (Custom)

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

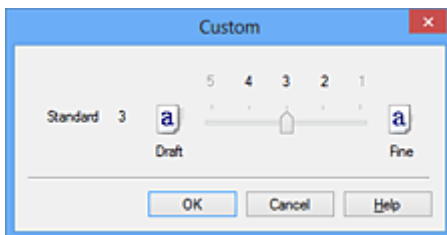
The procedure for setting the print quality level is as follows:

1. Open the [printer driver setup window](#)
2. Select the print quality

On the **Main** tab, select **Custom** for **Print Quality**, and click **Set....**



The **Custom** dialog box opens.



3. Setting the print quality level

Drag the slider bar to select the print quality level and click **OK**.

4. Complete the setup

Click **OK** on the **Main** tab.

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

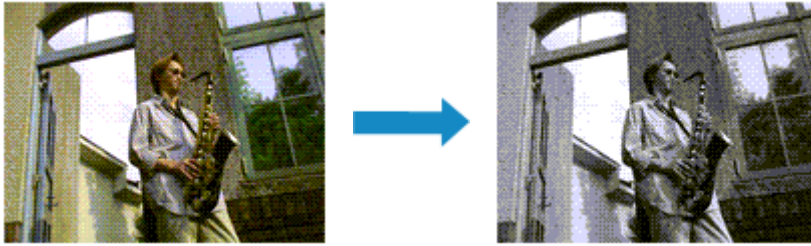
»» Important

- 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

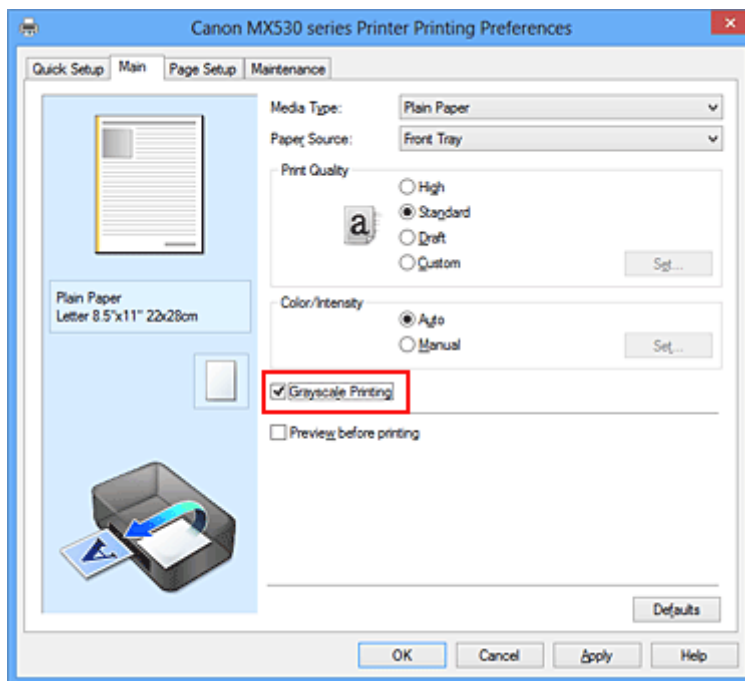


The procedure for printing a color document in monochrome is as follows:

You can also set a grayscale printing in **Additional Features** on the **Quick Setup** tab.

1. Open the [printer driver setup window](#)
2. Set grayscale printing

Check the **Grayscale Printing** check box on the **Main** tab.



3. Complete the setup

Click **OK**.

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

►► Important

- When the **Grayscale Printing** check box is checked, the printer driver processes image data as sRGB data. In this case, actual colors printed may differ from those in the original image data. When using the grayscale printing function to print Adobe RGB data, convert the data to sRGB data using an application software.

»» Note

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

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. This method is suitable for printing sRGB data.

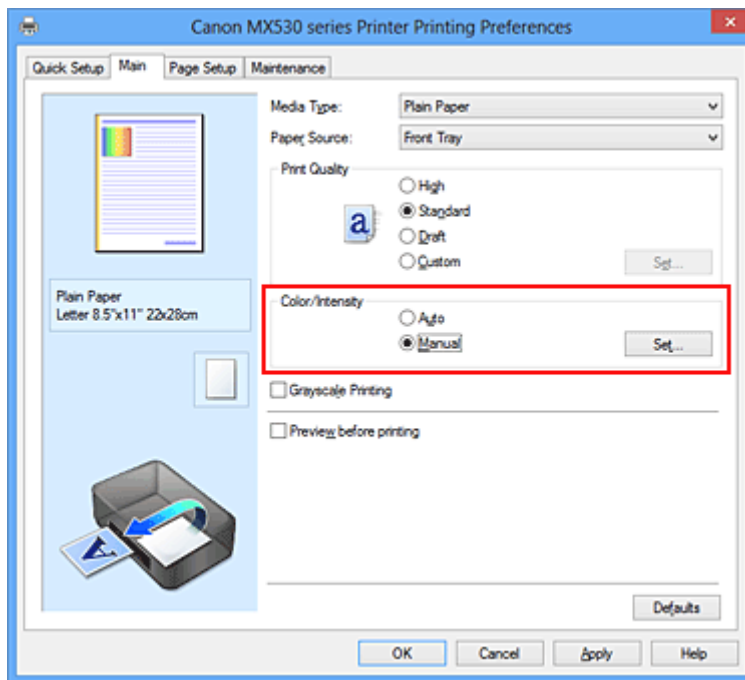
When you want to print by using the color space (Adobe RGB or sRGB) of the image data effectively, select **ICM (ICC Profile Matching)**. When you want to use an application software to specify a printing ICC profile, select **None**.

The procedure for specifying color correction is as follows:

You can also set color correction on the **Quick Setup** tab by choosing **Photo Printing** under **Commonly Used Settings**, and then choosing **Color/Intensity Manual Adjustment** under **Additional Features**.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

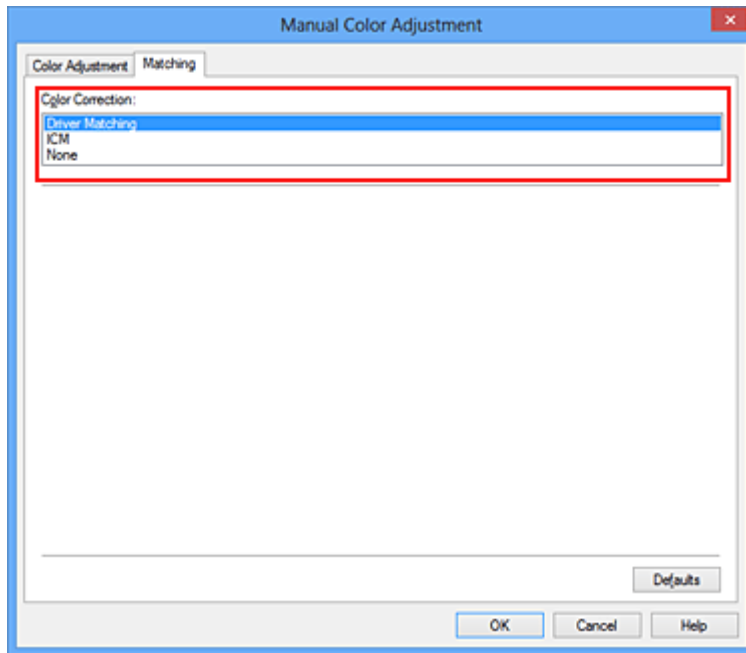
On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**



The **Manual Color Adjustment** dialog box opens.

3. Select color correction

Click **Matching** tab, select **Color Correction** setting that matches your purpose from the following, and click **OK**.



Driver Matching

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

ICM (ICC Profile Matching)

Adjusts the colors by using an ICC profile when printing.
Specify the input profile to be used.

None

The printer driver does not perform color correction. Select this value when you are specifying an individually created printing ICC profile in an application software to print data.

4. Complete the setup

Click **OK** on the **Main** tab.

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

»» Important

- When ICM is disabled in the application software, **ICM** is unavailable for **Color Correction** and the printer may not be able to print the image data properly.
- When the **Grayscale Printing** check box on the **Main** tab is checked, **Color Correction** appears grayed out and is unavailable.

Related Topics

- [Optimal Photo Printing of Image Data](#)
- [Adjusting Colors with the Printer Driver](#)
- [Printing with ICC Profiles](#)

Optimal Photo Printing of Image Data

When people print images taken with digital cameras, they sometimes feel that the printed color tones differ from those of actual image or those displayed on the monitor.

To get the print results as close as possible to the desired color tones, you must select a printing method that is best suited to the application software used or to your purpose.

Color Management

Devices such as digital cameras, scanners, monitors, and printers handle color differently. Color management (color matching) is a method that manages device-dependent "colors" as a common color space.

For Windows, a color management system called "ICM" is built into the operating system.

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 sRGB data 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

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.

Adjusting Colors with the Printer Driver

You can specify the color correction function of the printer driver to print sRGB data 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. Open the [printer driver setup window](#)

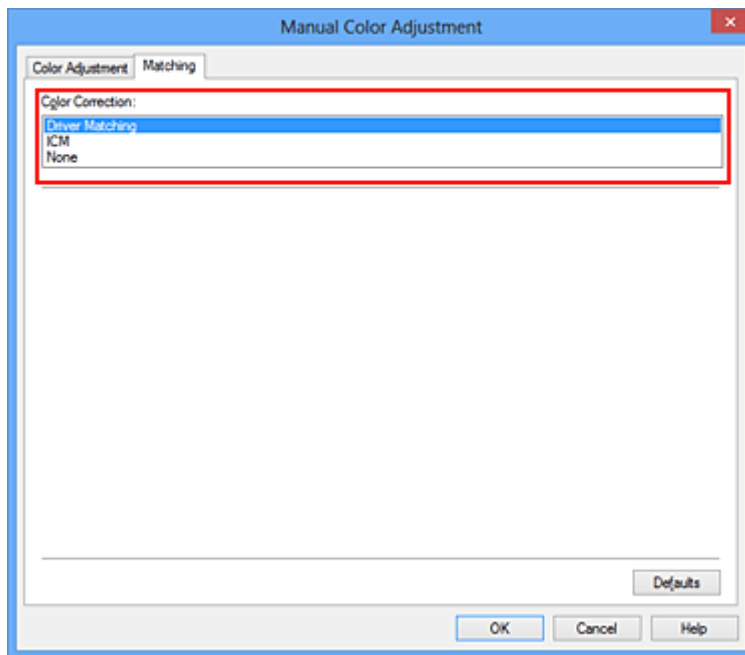
2. Select the manual color adjustment

On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**

The **Manual Color Adjustment** dialog box opens.

3. Select color correction

Click **Matching** tab, and select **Driver Matching** for **Color Correction**.



4. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan, Magenta, Yellow**) and adjust **Brightness, Intensity, and Contrast** settings, and then click **OK**.

5. Complete the setup

Click **OK** on the **Main** tab.

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

When the image data has a specified input ICC profile, you can print by using the color space (Adobe RGB or sRGB) of the data effectively.

The printer driver setting procedure varies depending on the application software used to print.

Specify an ICC Profile from the Application Software and Print the Data

When you print the editing and touch-up results of Adobe Photoshop, Canon Digital Photo Professional, or any application software that allows you to specify input and printing ICC profiles, you print by effectively using the color space of the input ICC profile specified in the image data.

To use this printing method, use your application software to select color management items and specify an input ICC profile and a printing ICC profile in the image data.

Even if you print using a printing ICC profile that you created yourself from your application software, be sure to select color management items from your application software.

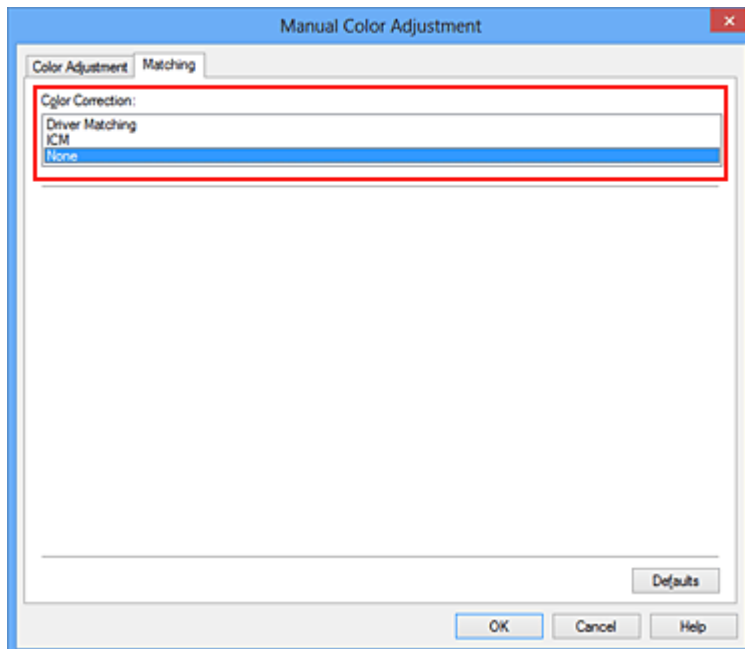
For instructions, refer to the manual of the application software you are using.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**
The **Manual Color Adjustment** dialog box opens.

3. Select color correction

Click **Matching** tab, and select **None** for **Color Correction**.



4. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, **Intensity**, and **Contrast** settings, and then click **OK**.

5. Complete the setup

Click **OK** on the **Main** tab.

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

Specify an ICC Profile with the Printer Driver, and then Print

Print from an application software that cannot identify input ICC profiles or does allow you to specify one by using the color space of the input ICC profile (sRGB) found in the data. When printing Adobe RGB data, you can print the data with the Adobe RGB color space even if the application software does not support Adobe RGB.

1. Open the [printer driver setup window](#)

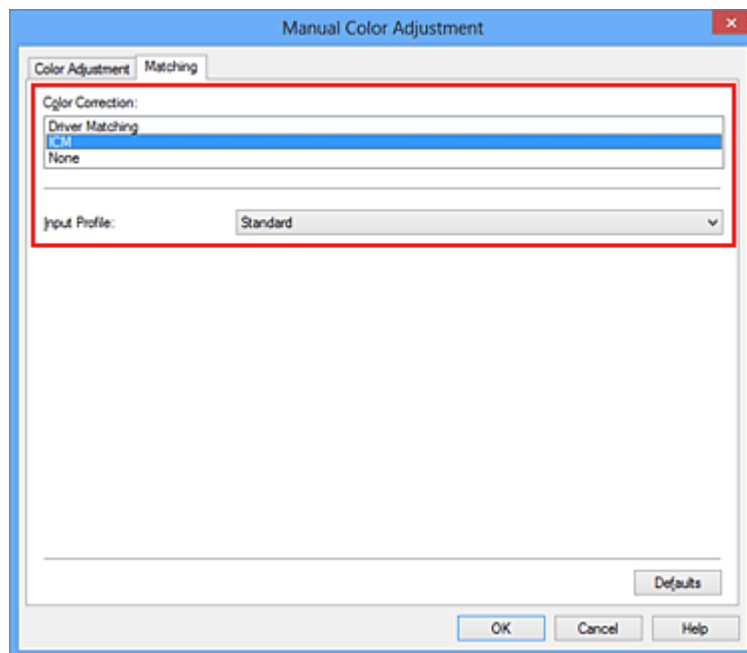
2. Select the manual color adjustment

On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**

The **Manual Color Adjustment** dialog box opens.

3. Select color correction

Click **Matching** tab, and select **ICM (ICC Profile Matching)** for **Color Correction**.



4. Select the input profile

Select an **Input Profile** that matches the color space of the image data.

- For sRGB data or data without an input ICC profile:

Select **Standard**.

- For Adobe RGB data:

Select **Adobe RGB (1998)**.

»» Important

- When the application software specifies an input profile, the input profile setting of the printer driver becomes invalid.
- When no input ICC profiles are installed on your computer, **Adobe RGB (1998)** will not be displayed.

5. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan, Magenta, Yellow**) and adjust **Brightness, Intensity, and Contrast** settings, and then click **OK**.

6. Complete the setup

Click **OK** on the **Main** tab.

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](#)

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.



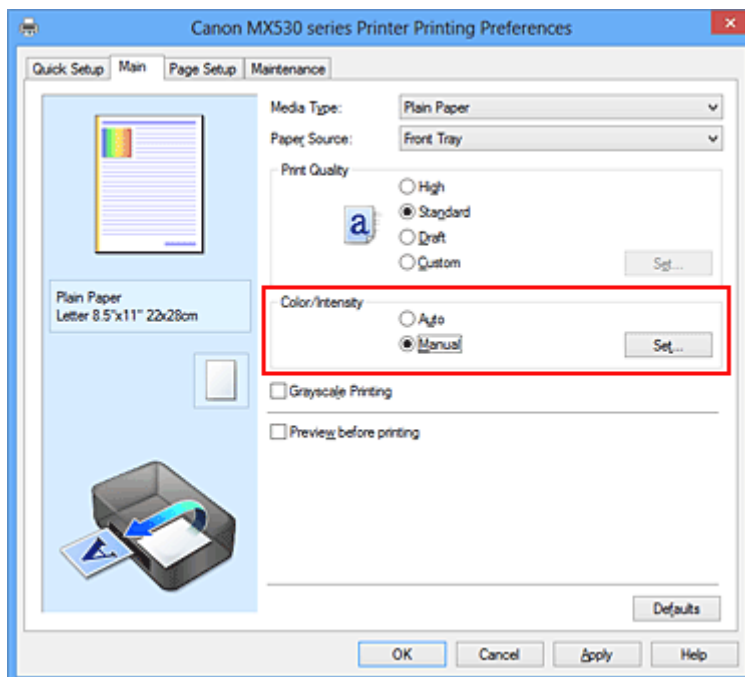
No adjustment Adjust color balance

The procedure for adjusting color balance is as follows:

You can also set color balance on the **Quick Setup** tab by choosing **Photo Printing** under **Commonly Used Settings**, and then choosing **Color/Intensity Manual Adjustment** under **Additional Features**.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**



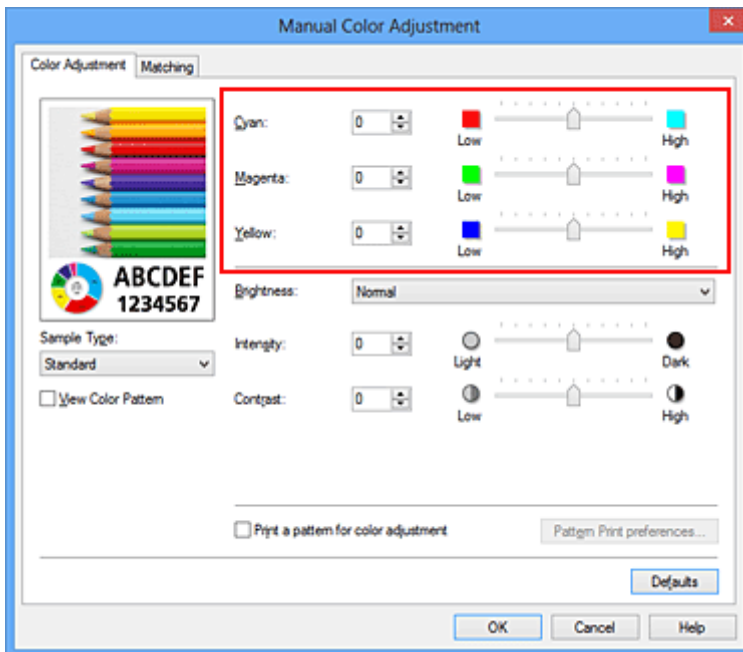
The **Manual Color Adjustment** dialog box opens.

3. 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.

After adjusting each color, click **OK**.



»»» Important

- Adjust the slider gradually.

4. Complete the setup

Click **OK** on the **Main** tab.

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

»»» Important

- When the **Grayscale Printing** check box on the **Main** tab is checked, the color balance (**Cyan**, **Magenta**, **Yellow**) appear grayed out and are unavailable.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance Using Sample Patterns \(Printer Driver\)](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)
- [Adjusting Intensity/Contrast Using Sample Patterns \(Printer Driver\)](#)

Adjusting Color Balance Using Sample Patterns (Printer Driver)

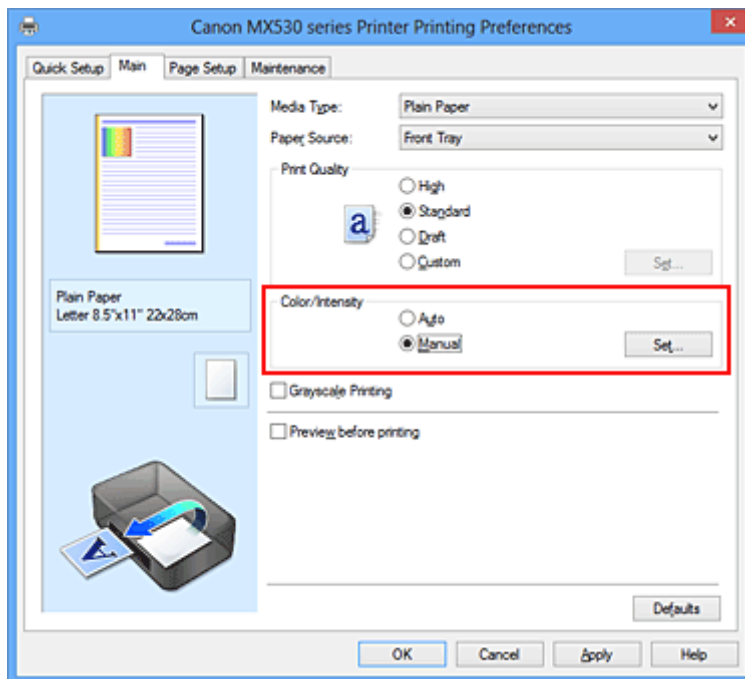
You can look at the print results of pattern print and adjust the color balance.

When you change the color balance or intensity/contrast of a document, the pattern print function prints the adjustment results in a list, together with the adjustment values.

Described below is the procedure for adjusting the color balance while looking at the pattern.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

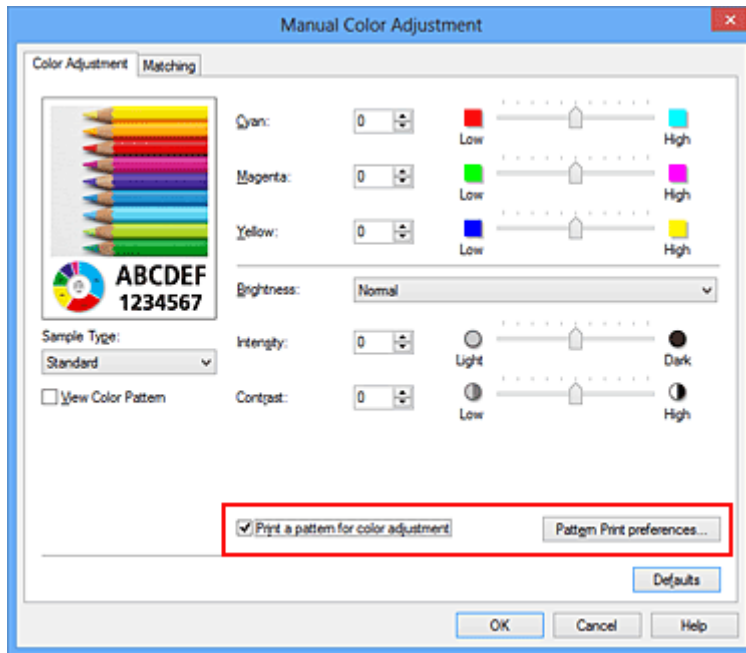
On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**



The **Manual Color Adjustment** dialog box opens.

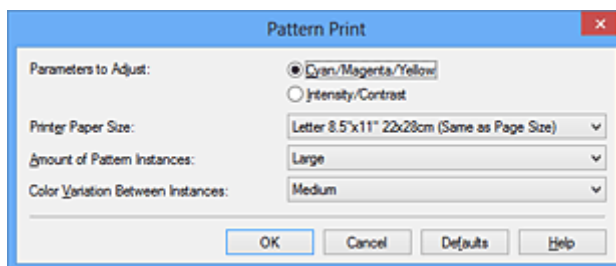
3. Selecting pattern print

On the **Color Adjustment** tab, select the **Print a pattern for color adjustment** check box, and click **Pattern Print preferences...**



4. Setting pattern print

When the **Pattern Print** dialog box opens, set the following items, and then click **OK**.



Parameters to Adjust

Select **Cyan/Magenta/Yellow**.

►►► Important

- When the **Grayscale Printing** check box on the **Main** tab is checked, **Cyan/Magenta/Yellow** appear grayed out and are unavailable.

Printer Paper Size

Select the paper size to be used for pattern printing.

►►► Note

- Depending on the paper size selected on the **Page Setup** tab, there may be sizes that cannot be selected.

Amount of Pattern Instances

Select **Largest**, **Large**, or **Small** to set the number of patterns to be printed.

►►► Note

- **Largest** and **Large** cannot be selected when certain paper sizes or output paper sizes are selected.

Color Variation Between Instances

Set the amount of color change between neighboring patterns.

►► Note

- **Large** is about double the size of **Medium**, and **Small** is about half the size of **Medium**.

5. Checking the print results of pattern print

On the **Color Adjustment** tab, select **OK** to close the **Manual Color Adjustment** dialog box.

On the **Main** tab, select **OK**, and then execute printing. The machine then prints a pattern in which the color balance that you set is the center value.



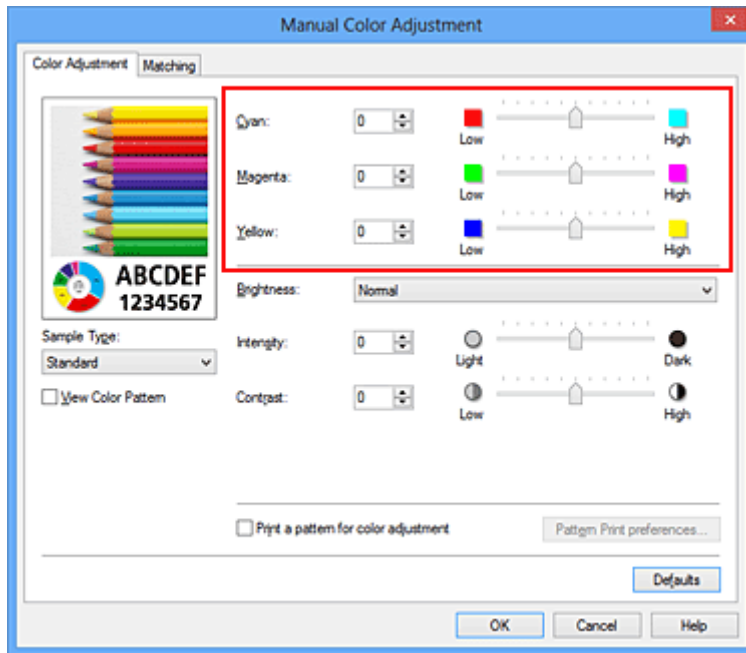
►► Important

- Normally, patterns are printed with the color balance settings as the center values. However, when **Black Only** is selected for **Ink Cartridge Settings** on the **Maintenance** tab, the color balance settings are not applied to pattern printing.

6. Adjusting the color balance

Look at the print results and select the image that you like best. Then enter the color balance numbers indicated at the bottom of that image into the **Cyan**, **Magenta**, and **Yellow** fields on the **Color Adjustment** tab.

Clear the **Print a pattern for color adjustment** check box, and click **OK**.



►►► Note

- You can also set color balance on the **Quick Setup** tab by choosing **Photo Printing** under **Commonly Used Settings**, and then choosing **Color/Intensity Manual Adjustment** under **Additional Features**.

7. Complete the setup

Click **OK** on the **Main** tab.

Then when you execute printing, the document is printed with the color balance that was adjusted by the pattern print function.

►►► Important

- When **Print a pattern for color adjustment** is selected on the **Color Adjustment** tab, the following items are grayed out and cannot be set:
 - **Preview before printing** on the **Main** tab
 - **Stapling Side** and **Specify Margin...** on the **Page Setup** tab (When **Duplex Printing** is set, only **Stapling Side** can be set.)
- You can print a pattern only if the **Page Layout** setting on the **Page Setup** tab is **Normal-size** or **Borderless**.
- When the **Grayscale Printing** check box on the **Main** tab is checked, **Cyan**, **Magenta**, and **Yellow** appear grayed out and are unavailable.
- Depending on your application software, this function may not be available.

Related Topics

- [Adjusting Color Balance](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)
- [Adjusting Intensity/Contrast Using Sample Patterns \(Printer Driver\)](#)

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



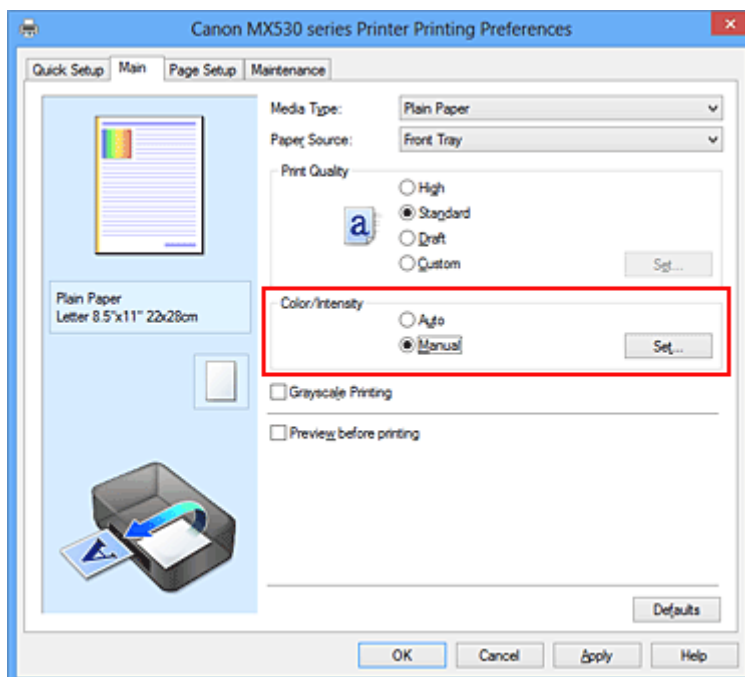
Dark is selected

The procedure for adjusting brightness is as follows:

You can also set brightness on the **Quick Setup** tab by choosing **Photo Printing** under **Commonly Used Settings**, and then choosing **Color/Intensity Manual Adjustment** under **Additional Features**.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

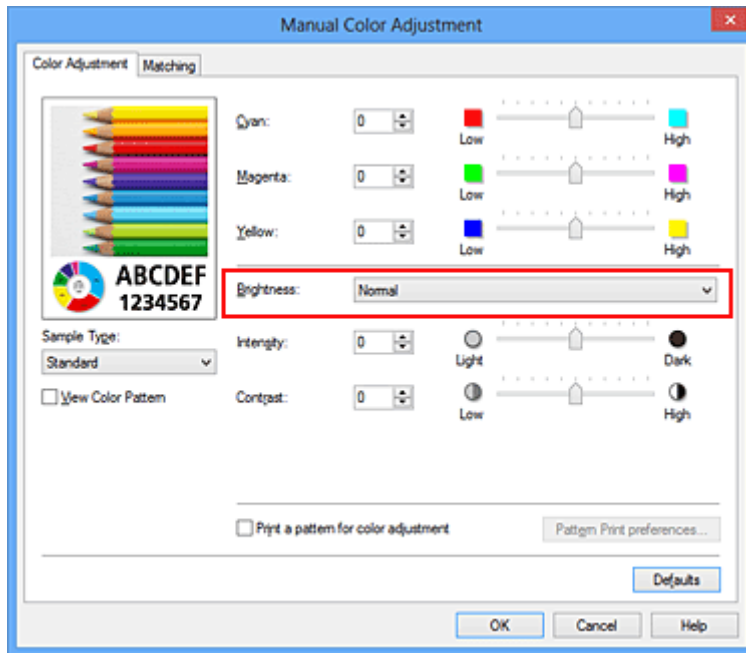
On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**



The **Manual Color Adjustment** dialog box opens.

3. Specify the brightness

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



4. Complete the setup

Click **OK** on the **Main** tab.

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

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



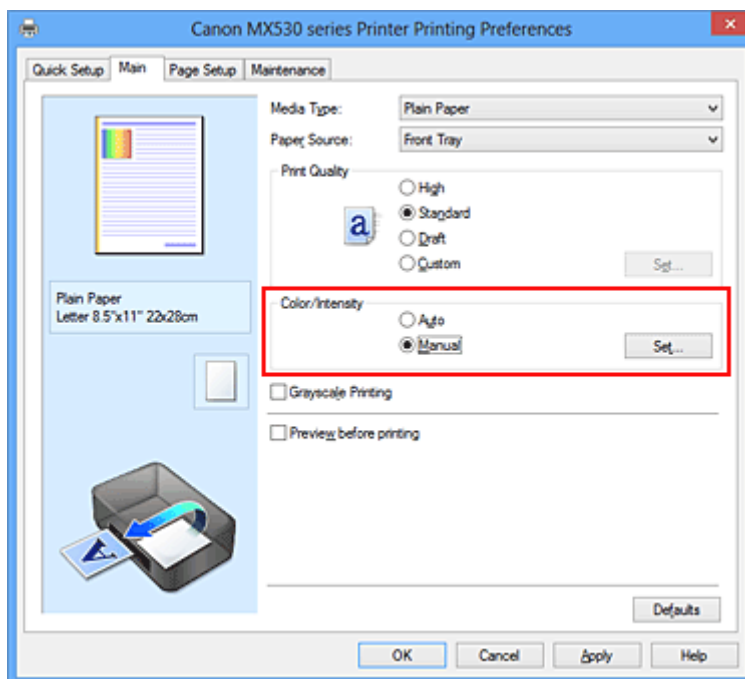
Higher intensity

The procedure for adjusting intensity is as follows:

You can also set intensity on the **Quick Setup** tab by choosing **Photo Printing** under **Commonly Used Settings**, and then choosing **Color/Intensity Manual Adjustment** under **Additional Features**.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**



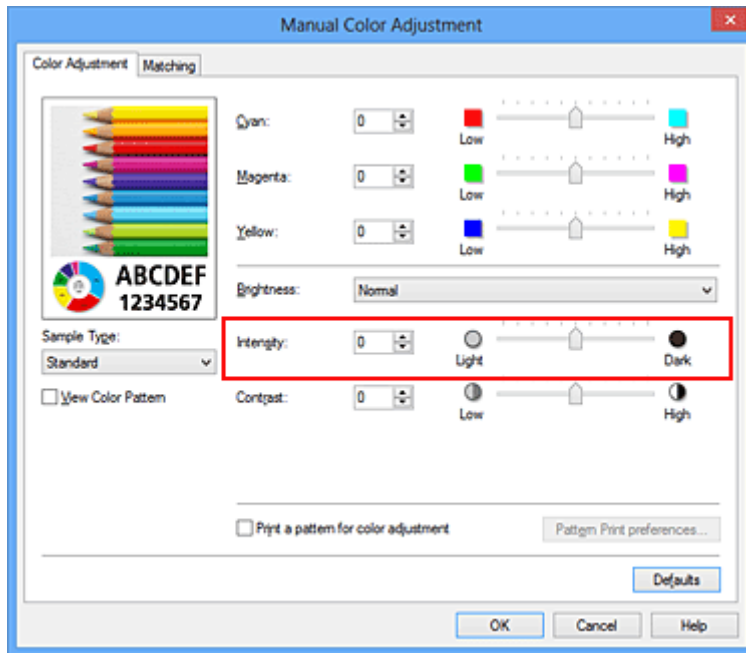
The **Manual Color Adjustment** dialog box opens.

3. 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.

After adjusting each color, click **OK**.



►►► Important

- Adjust the slider gradually.

4. Complete the setup

Click **OK** on the **Main** tab.

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

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Color Balance Using Sample Patterns \(Printer Driver\)](#)
- [Adjusting Brightness](#)
- [Adjusting Contrast](#)
- [Adjusting Intensity/Contrast Using Sample Patterns \(Printer Driver\)](#)

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

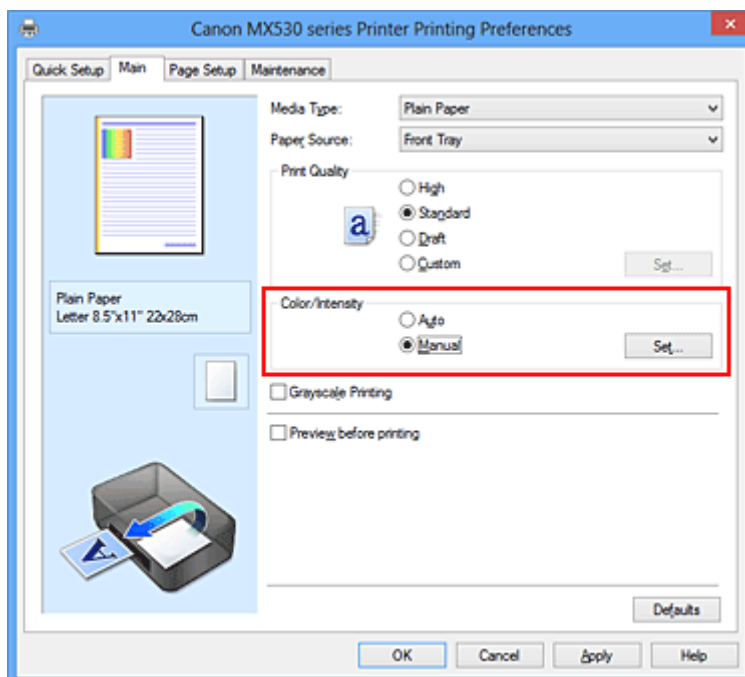
Adjust the contrast

The procedure for adjusting contrast is as follows:

You can also set contrast on the **Quick Setup** tab by choosing **Photo Printing** under **Commonly Used Settings**, and then choosing **Color/Intensity Manual Adjustment** under **Additional Features**.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**



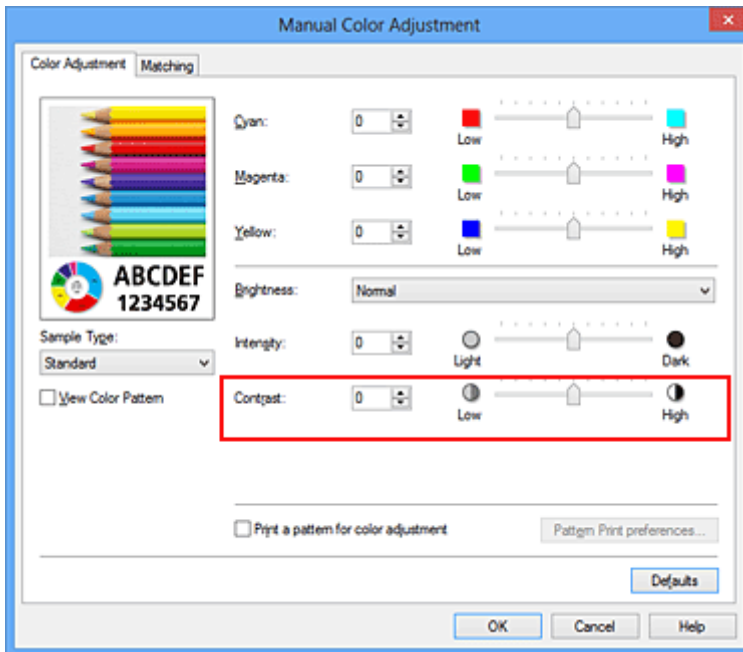
The **Manual Color Adjustment** dialog box opens.

3. 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.

After adjusting each color, click **OK**.



►►► Important

- Adjust the slider gradually.

4. Complete the setup

Click **OK** on the **Main** tab.

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

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Color Balance Using Sample Patterns \(Printer Driver\)](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Intensity/Contrast Using Sample Patterns \(Printer Driver\)](#)

Adjusting Intensity/Contrast Using Sample Patterns (Printer Driver)

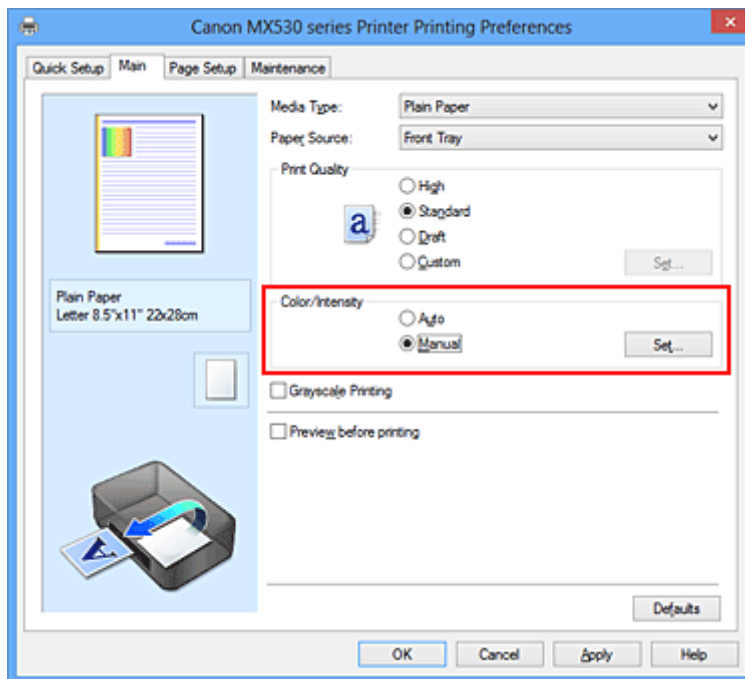
You can look at the print results of pattern print and adjust the intensity/contrast.

When you change the color balance or intensity/contrast of a document, the pattern print function prints the adjustment results in a list, together with the adjustment values.

Described below is the procedure for adjusting the intensity/contrast while looking at the pattern.

1. Open the [printer driver setup window](#)
2. Select the manual color adjustment

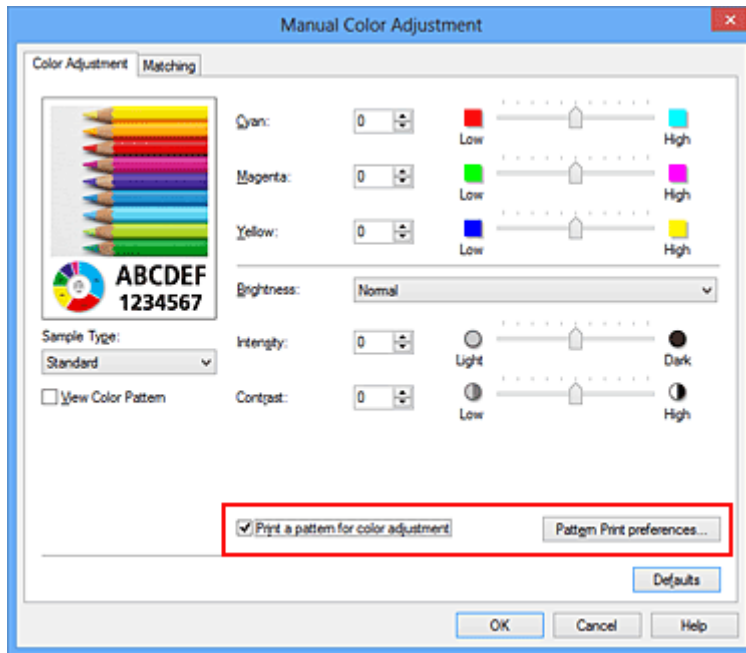
On the **Main** tab, select **Manual** for **Color/Intensity**, and click **Set...**



The **Manual Color Adjustment** dialog box opens.

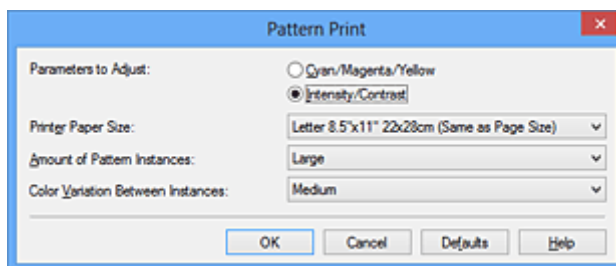
3. Selecting pattern print

On the **Color Adjustment** tab, select the **Print a pattern for color adjustment** check box, and click **Pattern Print preferences...**



4. Setting pattern print

When the **Pattern Print** dialog box opens, set the following items, and then click **OK**.



Parameters to Adjust

Select **Intensity/Contrast**.

Printer Paper Size

Select the paper size to be used for pattern printing.

➤➤➤ Note

- Depending on the paper size selected on the **Page Setup** tab, there may be sizes that cannot be selected.

Amount of Pattern Instances

Select **Largest**, **Large**, or **Small** to set the number of patterns to be printed.

➤➤➤ Note

- **Largest** and **Large** cannot be selected when certain paper sizes or output paper sizes are selected.

Color Variation Between Instances

Set the amount of color change between neighboring patterns.

➤➤➤ Note

- **Large** is about double the size of **Medium**, and **Small** is about half the size of **Medium**.

5. Checking the print results of pattern print

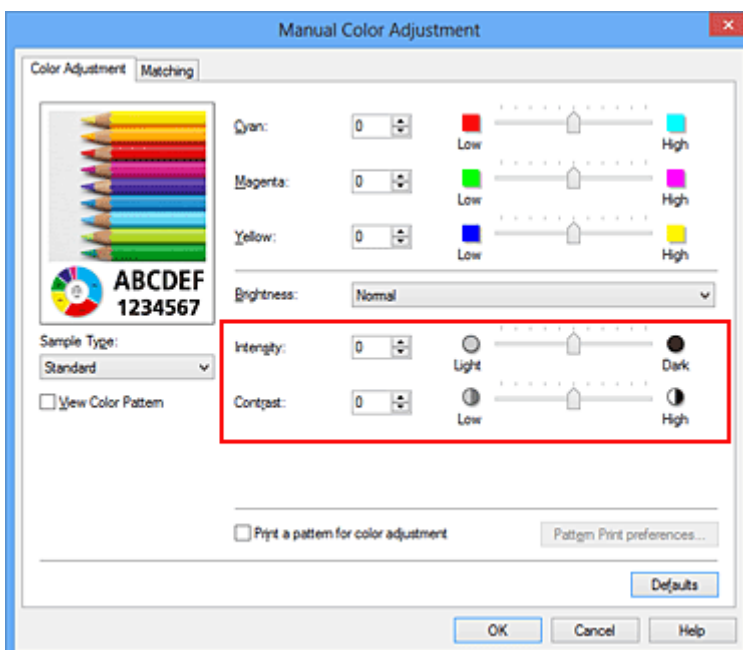
On the **Color Adjustment** tab, select **OK** to close the **Manual Color Adjustment** dialog box.
 On the **Main** tab, select **OK**, and then execute printing. The machine then prints a pattern in which the intensity/contrast that you set is the center value.



6. Adjusting the intensity/contrast

Look at the print results and select the image that you like best. Then enter the intensity/contrast numbers indicated at the bottom of that image into the **Intensity** and **Contrast** fields on the **Color Adjustment** tab.

Clear the **Print a pattern for color adjustment** check box, and click **OK**.



»» Note

- You can also set intensity/contrast on the **Quick Setup** tab by choosing **Photo Printing** under **Commonly Used Settings**, and then choosing **Color/Intensity Manual Adjustment** under **Additional Features**.

7. Complete the setup

Click **OK** on the **Main** tab.

Then when you execute printing, the document is printed with the intensity/contrast that was adjusted by the pattern print function.

»» Important

- When **Print a pattern for color adjustment** is selected on the **Color Adjustment** tab, the following items are grayed out and cannot be set:
 - **Preview before printing** on the **Main** tab
 - **Stapling Side** and **Specify Margin...** on the **Page Setup** tab (When **Duplex Printing** is set, only **Stapling Side** can be set.)
- You can print a pattern only if the **Page Layout** setting on the **Page Setup** tab is **Normal-size** or **Borderless**.
- Depending on your application software, this function may not be available.

Related Topics

- [Adjusting Color Balance](#)
- [Adjusting Color Balance Using Sample Patterns \(Printer Driver\)](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Overview of the Printer Driver

- [Canon IJ Printer Driver](#)
- [How to Open the Printer Driver Setup Window](#)
- [Canon IJ Status Monitor](#)
- [Checking the Ink Status from Your Computer](#)
- [Canon IJ Preview](#)
- [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.

Printer Driver Types

On Windows Vista SP1 or later, you can install the XPS printer driver in addition to the regular printer driver.

The XPS printer driver is suited to print from an application software that supports XPS printing.

►► Important

- To use the XPS printer driver, the standard printer driver must already be installed on your computer.

Installing the Printer Driver

- To install the regular printer driver, load the Setup CD-ROM that comes with the machine, and then install the driver from **Start Setup Again**.
- To install the XPS printer driver, load the Setup CD-ROM that comes with the machine, and then select **XPS Driver** from **Add Software**.

Specifying the Printer Driver

To specify the printer driver, open the **Print** dialog box of the application software you are using, and select "XXX Printer" (where "XXX" is your model name) to specify the regular printer driver or select "XXX Printer XPS" (where "XXX" is your model name) to specify the XPS printer driver.

Displaying the Manual from the Printer Driver

To display a description of a tab in the printer driver setup window, click the **Help** button found on the tab.

Related Topic

- [How to Open the Printer Driver Setup Window](#)

How to Open the Printer Driver Setup Window

You can display the printer driver setup window from the application software in use or from the printer icon.

Open the Printer Driver Setup Window through the Application Software

Follow the procedure below to configure printing profile when printing.

1. Select the command that you perform printing on the application software

In general, select **Print** on the **File** menu to open the **Print** dialog box.

2. Select your model name and click **Preferences** (or **Properties**)

The printer driver setup window appears.

»» Note

- Depending on application software you use, command names or menu names may vary and there may be more steps. For details, refer to the user's manual of your application software.

Opening the Printer Driver Setup Window from the Printer Icon

Follow the procedure below to perform machine maintenance operations such as print head cleaning, or to configure a printing profile that is common to all application software.

1. Select as described below:

- If you are using Windows 8, from the Desktop charms, select **Settings** -> **Control Panel** -> **Hardware and Sound** -> **Devices and Printers**.
- If you are using Windows 7, select the **Start** menu -> **Devices and Printers**.
- If you are using Windows Vista, select the **Start** menu -> **Control Panel** -> **Hardware and Sound** -> **Printers**.
- If you are using Windows XP, select the **start** menu -> **Control Panel** -> **Printers and Other Hardware** -> **Printers and Faxes**.

2. Right-click your model name icon, and then select **Printing preferences** from the displayed menu

The printer driver setup window appears.

»» Important

- Opening the printer driver setup window through **Printer properties** (Windows 8, Windows 7) or **Properties** (Windows Vista, Windows XP) displays such tabs regarding the Windows functions as the **Ports** (or **Advanced**) tab. Those tabs do not appear when opening through **Printing preferences** or application software. For tabs regarding Windows functions, refer to the user's manual for the Windows.

Canon IJ Status Monitor

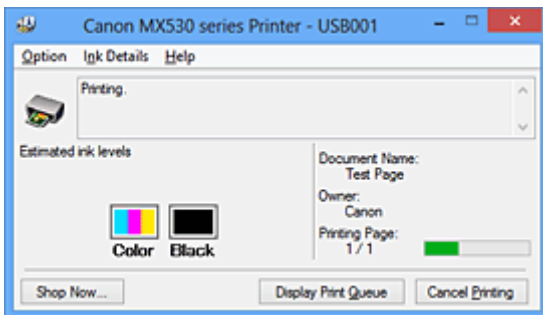
The Canon IJ Status Monitor is an application software that shows the status of the machine and the progress of printing. You will know the status of the machine with graphics, icons, and messages.

Launching the Canon IJ Status Monitor

The Canon IJ Status Monitor launches automatically when print data is sent to the machine. When launched, the Canon IJ Status Monitor appears as a button on the task bar.



Click the button of the status monitor displayed on the task bar. The Canon IJ Status Monitor appears.



►► Note

- To open the Canon IJ Status Monitor when the machine is not printing, open the [printer driver setup window](#) and click **View Printer Status** on the **Maintenance** tab.
- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your machine.

When Errors Occur

The Canon IJ Status Monitor is automatically displayed if an error occurs (e.g., if the printer runs out of paper or if the ink is low).



In such cases, take the appropriate action as described.

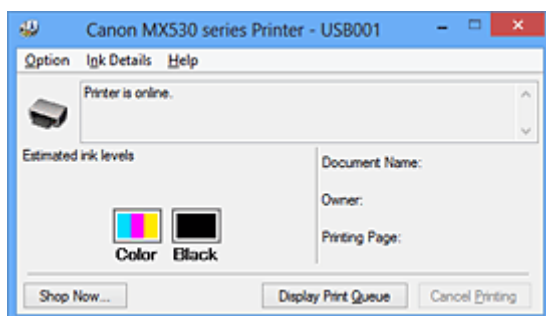
Checking the Ink Status from Your Computer

You can check the remaining ink level and the FINE cartridge types for your model.

1. Open the [printer driver setup window](#)
2. Launching the Canon IJ Status Monitor

On the **Maintenance** tab, click **View Printer Status**.

The Canon IJ Status Monitor opens and displays an image of the ink status.



►► Note

- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your machine.

3. If necessary, click **Ink Details**

You can check the ink-related information.

If a warning or error related to the remaining ink amount occurs, a notification icon is displayed at the top of the image in the **Ink Details** dialog box.

In such cases, take the appropriate action as described on the screen.

►► Note

- You can also display the **Ink Details** dialog box by selecting the ink icon on the Canon IJ Status Monitor.

Canon IJ Preview

The Canon IJ Preview is an application software that displays what the print result will look like before a document is actually printed.

The preview reflects the information that is set within the printer driver and allows you to check the document layout, print order, and number of pages. You can also change the media type settings.

When you want to display a preview before printing, open the [printer driver setup window](#), click the **Main** tab, and check the **Preview before printing** check box.

When you do not want to display a preview before printing, uncheck the check box.

Important

- If you are using the XPS printer driver, see "[Editing the Print Document or Reprinting from the Print History](#)."

Related Topic

- [Displaying the Print Results before Printing](#)

Deleting the Undesired Print Job

If you are using the XPS printer driver, replace "Canon IJ Status Monitor" with "Canon IJ XPS Status Monitor" when reading this information.

If the printer does not start printing, canceled or failed print job data may be remaining. Delete the undesired print job by using the Canon IJ Status Monitor.

1. Display the Canon IJ Status Monitor

Click the icon of the Canon IJ Status Monitor displayed on the task bar.
The Canon IJ Status Monitor appears.

2. Display the print jobs

Click **Display Print Queue**.
The print queue window opens.

3. Delete the print jobs

Select **Cancel All Documents** from the **Printer** menu.
When the confirmation message appears, click **Yes**.
The deletion of the print job is complete.

Important

- Users who have not been granted access permission for printer management cannot delete the print job of another user.

Note

- When you perform this operation, all print jobs are deleted. If the print queue list contained a necessary print job, start the printing process over from the beginning.

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

- With some applications, the **Copies** setting in the **Page Setup** tab of the printer driver may not be enabled.
In this case, use the copies setting in the **Print** dialog box of the application software.
- If the selected **Language** in the **About** dialog box of the **Maintenance** tab does not match the operating system interface language, the printer driver setup window may not be displayed properly.
- Do not change the **Advanced** tab items of the printer properties. If you change any of the items, you will not be able to use the following functions correctly.
Also, if **Print to file** is selected in the **Print** dialog box of the application software and with applications that prohibit EMF spooling, such as Adobe Photoshop LE and MS Photo Editor, the following functions will not operate.
 - **Preview before printing** on the **Main** tab
 - **Prevention of Print Data Loss** in the **Print Options** dialog box on the **Page Setup** tab
 - **Page Layout, Tiling/Poster, Booklet, Duplex Printing, Specify Margin..., Print from Last Page, Collate, and Stamp/Background... (Stamp...)** on the **Page Setup** tab
 - **Print a pattern for color adjustment** on the **Color Adjustment** tab in the **Manual Color Adjustment** dialog box
- Since the resolution in the preview display differs from the printing resolution, text and lines in the preview display may appear different from the actual print result.
- With some applications, the printing is divided into multiple print jobs.
To cancel printing, delete all divided print jobs.
- If image data is not printed correctly, display the **Print Options** dialog box from the **Page Setup** tab and change the setting of **Disable ICM required from the application software**. This may solve the problem.

▶▶▶ Note

- **Disable ICM required from the application software** cannot be used when the XPS printer driver is used.

- Using the Bluetooth option under the following conditions may lock the print job with "Printing" displayed in the status monitor, even if printing has completed and the printout is ejected. If this happens, either click the **Cancel Printing** button on the status monitor or cancel that print job from the print job queue of the printer.
 - When you move the machine during printing to a location where radio waves cannot reach or when the radio wave status becomes poor
 - When you turn off the machine
- When you are using a Bluetoothprinter and you cancel printing after a printer error occurs, you may not be able to execute subsequent printing operations. If this happens, turn off the machine and turn it back on again.
- When you are using Bluetooth, you cannot use the operation panel on the machine while the status monitor is displayed from **View Printer Status** on the **Maintenance** tab.
- Do not start up the Canon IJ Network Tool while printing.
- Do not print when the Canon IJ Network Tool is running.

Points to Note About Applications with Restrictions

- There are following restrictions in Microsoft Word (Microsoft Corporation).
 - When Microsoft Word has the same printing functions as the printer driver, use Word to specify them.
 - When **Fit-to-Page**, **Scaled**, or **Page Layout** is used for **Page Layout** on the **Page Setup** tab of the printer driver, the document may not print normally in certain versions of Word.
 - When **Page Size** in Word is set to "XXX Enlarge/Reduce", the document may not print normally in certain versions of Word.

If this happens, follow the procedure below.

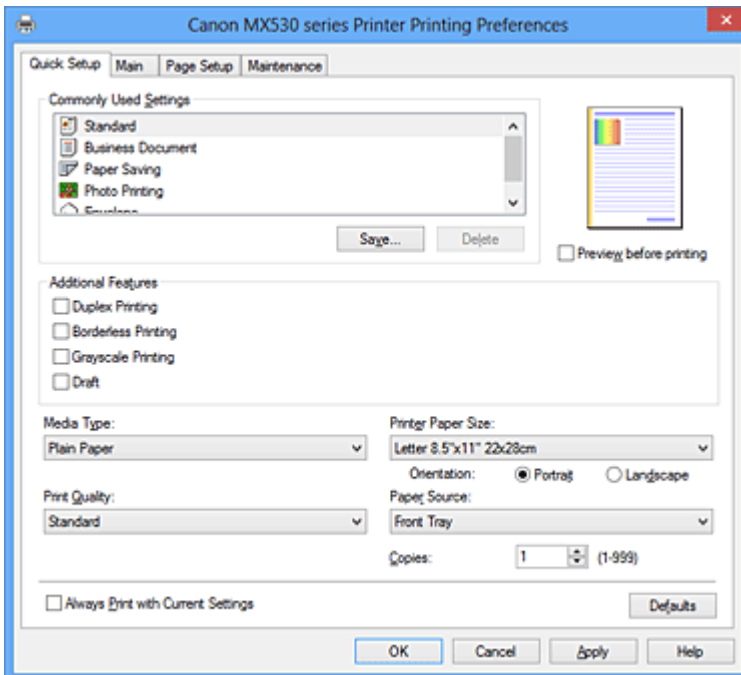
1. Open Word's **Print** dialog box.
 2. Open the [printer driver setup window](#), and on the **Page Setup** tab, set **Page Size** to the same paper size that you specified in Word.
 3. Set the **Page Layout** that you want, and then click **OK** to close the window.
 4. Without starting printing, close the **Print** dialog box.
 5. Open Word's **Print** dialog box again.
 6. Open the printer driver setup window and click **OK**.
 7. Start printing.
- If bitmap printing is enabled in Adobe Illustrator (Adobe Systems Incorporated), printing may take time or some data may not be printed. Print after unchecking the **Bitmap Printing** check box in the **Print** dialog box.

Printer Driver Description

- [Quick Setup tab Description](#)
- [Main tab Description](#)
- [Page Setup tab Description](#)
- [Maintenance tab Description](#)
- [Canon IJ Preview Description](#)
- [Canon IJ XPS Preview Description](#)
- [Canon IJ Status Monitor Description](#)

Quick Setup tab Description

The **Quick Setup** tab is for registering commonly used print settings. When you select a registered setting, the machine automatically switches to the preset items.



Commonly Used Settings

The names and icons of frequently used printing profiles are registered. When you select a printing profile according to the purpose of the document, settings that match the purpose are applied. In addition, functions that are thought to be useful for the selected printing profile are displayed in **Additional Features**.

You can also change a printing profile and register it under a new name. You can delete the registered printing profile.

You can rearrange the profiles either by dragging the individual profiles or by holding down the Ctrl key and pressing the up or down arrow keys.

Standard

These are the factory settings.

If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Business Document

Select this setting when printing a general document.

If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Paper Saving

Select this setting to save paper when printing a general document. The **2-on-1 Printing** and **Duplex Printing** check boxes are checked automatically.

If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Photo Printing

If you select this setting when printing a photo, the photo paper and photo size generally used are set. The **Borderless Printing** check box is checked automatically.

If **Orientation** and **Copies** were set from the application software, those settings have priority.

Envelope

If you select this setting for printing an envelope, **Media Type** is set automatically to **Envelope**. In the **Envelope Size Setting** dialog box, select the size of the envelope to be used.

»» Note

- The combination of the **Additional Features** that was displayed for the printing profile that had been selected when the added printing profile was saved is also displayed when that added printing profile is selected.

Save...

Displays the [Save Commonly Used Settings dialog box](#).

Click this button when you want to save the information that you set on the **Quick Setup**, **Main**, and **Page Setup** tabs to **Commonly Used Settings**.

Delete

Deletes a registered printing profile.

Select the name of the setting to be deleted from **Commonly Used Settings**, and click **Delete**. When a confirmation message is displayed, click **OK** to delete the specified printing profile.

»» Note

- Printing profiles that are registered in the initial settings cannot be deleted.

Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

Preview before printing

Shows what the print result will look like before you actually print the data.

Check this check box to display a preview before printing.

Uncheck this check box if you do not want to display a preview.

»» Important

- To use the Canon IJ XPS Preview, you must have Microsoft .NET Framework 4 Client Profile installed on your computer.

Additional Features

Displays the frequently used, convenient functions for the printing profile that you selected for **Commonly Used Settings** on the **Quick Setup** tab.

When you move the mouse pointer near a function that can be changed, a description of that function is displayed.

To enable a function, check the corresponding check box.

For some functions, you can set detailed settings from the **Main** and **Page Setup** tabs.

»» Important

- Depending on the printing profiles, certain function may be grayed out and you will not be able to change them.

2-on-1 Printing

Prints two pages of the document, side by side, on one sheet of paper.

To change the page sequence, click the **Page Setup** tab, select **Page Layout** for **Page Layout**, and click **Specify...**. Then in the [Page Layout Printing dialog box](#) that appears, specify the **Page Order**.

4-on-1 Printing

Prints four pages of the document, side by side, on one sheet of paper.

To change the page sequence, click the **Page Setup** tab, select **Page Layout** for **Page Layout**, and click **Specify...** Then in the [Page Layout Printing dialog box](#) that appears, specify the **Page Order**.

Duplex Printing

Selects whether to print the document on both sides or one side of a sheet of paper.

To change the staple side or the margins, set the new values from the **Page Setup** tab.

Borderless Printing

Performs borderless printing without any margins on the paper.

With the borderless printing function, the document to be printed is enlarged, so that it extends slightly off the paper. In other words, the document is printed without any margin.

To adjust the amount that the document extends beyond the paper, click the **Page Setup** tab, choose **Borderless**, and enter the value in **Amount of Extension**.

Grayscale Printing

This function converts the data to monochrome data when printing your document.

Draft

This setting is appropriate for test printing.

Rotate 180 degrees

Prints the document by rotating it 180 degrees against the paper feed direction.

The width of print area and the amount of extension that are configured in other application software will be reversed vertically and horizontally.

Color/Intensity Manual Adjustment

Select when you set the **Color Correction** method and individual settings such as **Cyan**, **Magenta**, **Yellow**, **Brightness**, **Intensity**, and **Contrast**, etc.

Media Type

Selects a type of printing paper.

Select a media type that matches the paper that is loaded in the machine. This ensures that printing is carried out properly for the specified paper.

Printer Paper Size

Selects the size of paper actually loaded into the machine.

Normally, the paper size is set automatically according to the output paper size setting, and the document is printed with no scaling.

When you set **2-on-1 Printing** or **4-on-1 Printing** in **Additional Features**, you can manually set the paper size with **Page Size** on the **Page Setup** tab.

If you select a paper size that is smaller than the **Page Size**, the page image will be reduced.

If you select a paper size that is larger than the **Page Size**, the page image will be enlarged.

Orientation

Selects the printing orientation.

If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.

You can change the rotation direction by going to the **Maintenance** tab, opening the **Custom**

Settings dialog box, and then using **Rotate 90 degrees left when orientation is [Landscape]** check box.

To rotate the document 90 degrees to the left when printing, select the **Rotate 90 degrees left when orientation is [Landscape]** check box.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

To set the print quality level individually, click the **Main** tab, and for **Print Quality**, select **Custom**. The **Set...** becomes enabled. Click **Set...** to open the [Custom dialog box](#), and then specify the desired settings.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality.

Draft

This setting is appropriate for test printing.

Paper Source

Shows the source from which paper is supplied.

Front Tray

Paper is always supplied from the front tray.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

»»» 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.

Always Print with Current Settings

Prints documents with the current settings starting from the next print execution.

When you select this function and then close the [printer driver setup window](#), the information that you set on the **Quick Setup**, **Main**, and **Page Setup** tabs are saved and printing with the same settings is possible starting from the next print execution.

»»» Important

- If you log on with a different user name, the settings that were set when this function was enabled are not reflected in the print settings.
- If a setting was specified on the application software, it has priority.

Defaults

Restores all the settings you have changed to their default values.

Click this button to return all settings on the **Quick Setup**, **Main**, and **Page Setup** tabs to their default values (factory settings).

Save Commonly Used Settings dialog box

This dialog box allows you to save the information that you set on the **Quick Setup**, **Main**, and **Page Setup** tabs and add the information to the **Commonly Used Settings** list on the **Quick Setup** tab.

Name

Enter the name for the printing profile you wish to save.

Up to 255 characters can be entered.

The name appears, with its associated icon, in the **Commonly Used Settings** list on the **Quick Setup** tab.

Options...

Opens the [Save Commonly Used Settings dialog box](#).

Changes the details of printing profile to be saved.

Save Commonly Used Settings dialog box

Select the icons of the printing profiles to be registered to **Commonly Used Settings**, and change the items to be saved in the printing profiles.

Icon

Select the icon for the printing profile you wish to save.

The selected icon appears, with its name, in the **Commonly Used Settings** list on the **Quick Setup** tab.

Save the paper size setting

Saves the paper size to the printing profile in **Commonly Used Settings**.

To apply the saved paper size when the printing profile is selected, check this check box.

If this check box is unchecked, the paper size is not saved, and consequently the paper size setting is not applied when the printing profile is selected. Instead the printer prints with the paper size specified with the application software.

Save the orientation setting

Saves the **Orientation** to the printing profile in **Commonly Used Settings**.

To apply the saved print orientation when the printing profile is selected, check this check box.

If this check box is unchecked, the print orientation is not saved, and consequently the **Orientation** setting is not applied when the printing profile is selected. Instead the printer prints with the print orientation specified with the application software.

Save the copies setting

Saves the **Copies** setting to the printing profile in **Commonly Used Settings**.

To apply the saved copies setting when the printing profile is selected, check this check box.

If this check box is unchecked, the copies setting is not saved, and consequently the **Copies** setting is not applied when the printing profile is selected. Instead the printer prints with the copies setting specified with the application software.

Custom Paper Size dialog box

This dialog box allows you to specify the size (width and height) of the custom paper.

Units

Select the unit for entering a user-defined paper size.

Paper Size

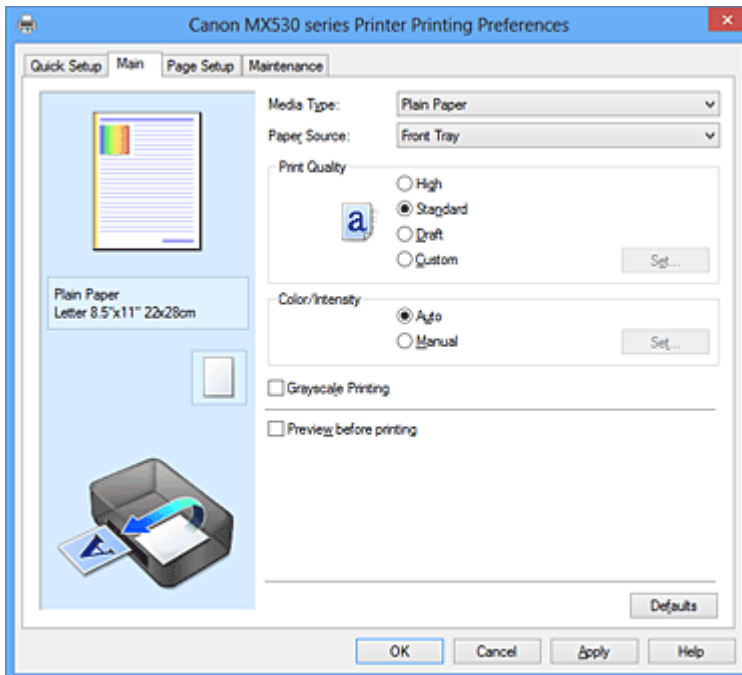
Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

Related Topics

- [Printing with Easy Setup](#)
- [Setting a Page Size and Orientation](#)
- [Setting the Number of Copies and Printing Order](#)
- [Execute Borderless Printing](#)
- [Duplex Printing](#)
- [Setting Up Envelope Printing](#)
- [Printing on Postcards](#)
- [Displaying the Print Results before Printing](#)
- [Setting Paper Dimensions \(Custom Size\)](#)
- [Printing a Color Document in Monochrome](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Color Balance Using Sample Patterns \(Printer Driver\)](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)
- [Adjusting Intensity/Contrast Using Sample Patterns \(Printer Driver\)](#)
- [Registering a Frequently Used Printing Profile](#)

Main tab Description

The **Main** tab allows you to create a basic print setup in accordance with the media type. Unless special printing is required, normal printing can be performed just by setting the items on this tab.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper. You can check an overall image of the layout.

Media Type

Selects a type of printing paper.

Select a media type that matches the paper that is loaded in the machine. This ensures that printing is carried out properly for the specified paper.

Paper Source

Shows the source from which paper is supplied.

Front Tray

Paper is always supplied from the front tray.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

►►► Important

- Depending on the **Media Type** settings, the same print results may be produced even if the **Print Quality** is changed.

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 when you want to set the printing quality level individually.

Set...

Select **Custom** for **Print Quality** to enable this button.

Open the [Custom dialog box](#). You can then individually set the print quality level.

Color/Intensity

Selects color adjustment method.

Auto

Cyan, Magenta, Yellow, Brightness, Intensity, and Contrast, and so on are adjusted automatically.

Manual

Select when you set the individual settings such as **Cyan, Magenta, Yellow, Brightness, Intensity, and Contrast**, etc. and **Color Correction** method.

Set...

Select **Manual** for **Color/Intensity** to enable this button.

In the **Manual Color Adjustment** dialog box, you can adjust individual color settings such as **Cyan, Magenta, Yellow, Brightness, Intensity, and Contrast** on the [Color Adjustment tab](#), and select the **Color Correction** method on the [Matching tab](#).

▶▶▶ Note

- If you want to use an ICC profile to adjust colors, use the **Manual Color Adjustment** dialog box to set the profile.

Grayscale Printing

This function converts the data to monochrome data when printing your document.

Check this check box to print a color document in monochrome.

Preview before printing

Shows what the print result will look like before you actually print the data.

Check this check box to display a preview before printing.

▶▶▶ Important

- To use the Canon IJ XPS Preview, you must have Microsoft .NET Framework 4 Client Profile installed on your computer.

Defaults

Restores all the settings you have changed to their default values.

Clicking this button restores all the settings on the current screen to their default values (factory settings).

Custom dialog box

Set the quality level, and select the desired print quality.

Quality

You can use the slider bar to adjust the print quality level.

▶▶▶ Important

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

»» Note

- The **High**, **Standard**, or **Draft** print quality modes are linked with the slider bar. Therefore when the slider bar is moved, the corresponding quality and value are displayed on the left. This is the same as when the corresponding radio button is selected for **Print Quality** on the **Main** tab.

Color Adjustment Tab

This tab allows you to adjust the color balance by changing the settings of the **Cyan**, **Magenta**, **Yellow**, **Brightness**, **Intensity**, and **Contrast** options.

Preview

Shows the effect of color adjustment.

The color and brightness change when each item is adjusted. You can check the color adjustment status easily by changing the preview image to one similar to the results to be printed with **Sample Type**.

»» Note

- The graphic is in monochrome when the **Grayscale Printing** check box is checked.

Sample Type

Selects a preview image displayed on the **Color Adjustment** tab.

If necessary, select a preview image 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.

If you want to display the preview image with a color pattern, check this check box.

Cyan / Magenta / Yellow

Adjusts the strengths of **Cyan**, **Magenta**, and **Yellow**.

Moving the slider to the right makes a color stronger, and moving the slider to the left makes a color weaker.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

This adjustment changes the relative amount of ink of each color used, which alters the total color balance of the document. Use your application if you want to change the total color balance significantly. Use the printer driver only if you want to adjust the color balance slightly.

»» Important

- When **Grayscale Printing** is checked on the **Main** tab, **Cyan**, **Magenta**, and **Yellow** appear grayed out and are unavailable.

Brightness

Selects the brightness of your print.

You cannot change the levels of pure white and black. However, the brightness of the colors between white and black can be changed.

Intensity

Adjusts the overall intensity of your print.

Moving the slider to the right increases the intensity, and moving the slider to the left decreases the intensity.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Contrast

Adjusts the contrast between light and dark in the image to be printed.

Moving the slider to the right increases the contrast, moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Print a pattern for color adjustment

When the color balance or intensity/contrast is changed, the pattern printing function prints a list of the adjustment results along with the adjustment values.

Select this function when printing a pattern for color adjustment.

Pattern Print preferences...

Check **Print a pattern for color adjustment** to enable this button.

The [Pattern Print dialog box](#) opens and allows you to set pattern printing settings.

Pattern Print dialog box

Performs the setup for printing of patterns that allow you to check the color balance and intensity/contrast of documents.

Parameters to Adjust

Select the item to be checked by pattern printing.

Cyan/Magenta/Yellow

Prints a pattern that allows you to check the cyan/magenta/yellow balance.

▶▶▶ Important

- When **Grayscale Printing** is checked on the **Main** tab, **Cyan/Magenta/Yellow** appear grayed out and are unavailable.

Intensity/Contrast

Prints a pattern that allows you to check the intensity/contrast balance.

Printer Paper Size

Selects the paper size to be used for pattern printing.

This setting is linked to **Printer Paper Size** on the **Page Setup** tab.

▶▶▶ Note

- Depending on the paper size selected on the **Page Setup** tab, there may be sizes that cannot be selected.

Amount of Pattern Instances

Sets the number of patterns to be printed.

You can select from **Largest**, **Large**, and **Small**. When you select a pattern size, the number of patterns that can be printed is as follows:

▶▶▶ Note

- **Largest** and **Large** cannot be selected when certain paper sizes or output paper sizes are selected.
- The setting preview on the **Main** tab displays an image that allows you to check the overall layout.

Largest

Cyan/Magenta/Yellow 37

Intensity/Contrast 49

Large

Cyan/Magenta/Yellow 19

Intensity/Contrast 25

Small

Cyan/Magenta/Yellow 7

Intensity/Contrast 9

Color Variation Between Instances

Sets the amount of color change between neighboring patterns.

Select from **Large**, **Medium**, and **Small**. **Large** produces a large amount of change, and **Small** produces a small amount of change.

▶▶▶ Note

- **Large** is about double the size of **Medium**, and **Small** is about half the size of **Medium**.

Matching Tab

Allows you to select the method for adjusting colors to match the type of document to be printed.

Color Correction

Allows you to select **Driver Matching**, **ICM (ICC Profile Matching)**, or **None** to match the purpose of the print operation.

▶▶▶ Important

- When **Grayscale Printing** is checked on the **Main** tab, **Color Correction** appears grayed out and is unavailable.

▶▶▶ Note

- In the XPS printer driver, **ICM** has become **ICC Profile Matching**.

Driver Matching

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

ICM (ICC Profile Matching)

Adjusts the colors by using an ICC profile when printing.

Specify the input profile to be used.

▶▶▶ Important

- If the application software is set so that ICM is disabled, **ICM** is unavailable for **Color Correction** and the printer may not be able to print the image data properly.

None

Disables color adjustment with the printer driver.

Input Profile

Specifies the input profile to be used when you select **ICM (ICC Profile Matching)** for **Color Correction**.

Standard

The standard printer profile (sRGB), which supports the color space of ICM, is used. This is the default setting.

Adobe RGB (1998)

The Adobe RGB profile, which supports a wider color space than sRGB, is used.

»» Important

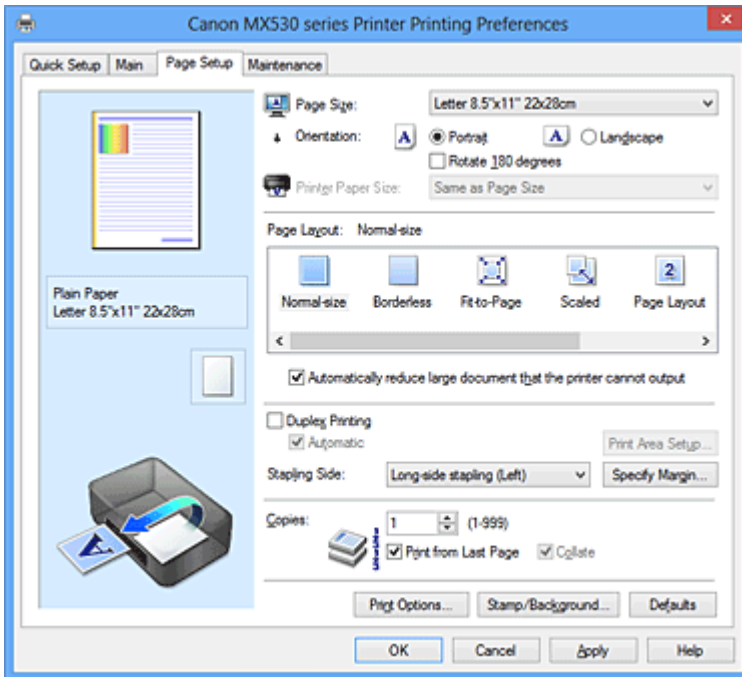
- **Adobe RGB (1998)** is not displayed when input profiles of Adobe RGB are not installed.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Adjusting Color Balance](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)
- [Adjusting Color Balance Using Sample Patterns \(Printer Driver\)](#)
- [Adjusting Intensity/Contrast Using Sample Patterns \(Printer Driver\)](#)
- [Specifying Color Correction](#)
- [Adjusting Colors with the Printer Driver](#)
- [Printing with ICC Profiles](#)
- [Printing a Color Document in Monochrome](#)
- [Displaying the Print Results before Printing](#)

Page Setup tab Description

The **Page Setup** tab allows you to determine how a document is to be arranged on the paper. Also, this tab allows you to set the number of copies and the order of printing. If the application which created the document has a similar function, set them with the application.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper. You can check an overall image of the layout.

Page Size

Selects a page size.

Ensure that you select the same page size as you selected within the application.

Orientation

Selects the printing orientation.

If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.

You can change the rotation direction by going to the **Maintenance** tab, opening the **Custom Settings** dialog box, and then using **Rotate 90 degrees left when orientation is [Landscape]** check box.

To rotate the document 90 degrees to the left when printing, select the **Rotate 90 degrees left when orientation is [Landscape]** check box.

Rotate 180 degrees

Prints the document by rotating it 180 degrees against the paper feed direction.

The width of print area and the amount of extension that are configured in other application software will be reversed vertically and horizontally.

Printer Paper Size

Selects the size of paper actually loaded into the machine.

The default setting is **Same as Page Size** to perform normal-sized printing.

You can select a printer paper size when you select **Fit-to-Page**, **Scaled**, **Page Layout**, **Tiling/Poster**, or **Booklet** for **Page Layout**.

If you select a paper size that is smaller than the **Page Size**, the document size will be reduced. If you select a paper size that is larger than the **Page Size**, the document size will be enlarged.

Page Layout

Selects the size of the document you want to print and the type of printing.

Normal-size

This is the normal printing method. Select this when you do not specify any page layout.

Automatically reduce large document that the printer cannot output

If the machine cannot print the paper size of a document, the machine can automatically reduce the size when it prints the document.

Check this check box to reduce the size when printing the document.

Borderless

Chooses whether you are printing on a full page without any page margins or printing with page margins.

In borderless printing, originals are enlarged to extend slightly off the paper. Thus, printing can be performed without any margins (border).

Use **Amount of Extension** to adjust how much of the document extends off the paper during borderless printing.

Amount of Extension

Adjusts how much of the document extends off the paper during borderless printing.

Moving the slider to the right increases the amount of extension and allows you to perform borderless printing with no problems.

Moving the slider to the left reduces the amount of extension and expands the range of the document to print.

Fit-to-Page

This function enables you to automatically enlarge or reduce documents to fit to the paper size loaded in the machine without changing the paper size you specified in your application software.

Scaled

Documents can be enlarged or reduced to be printed.

Specify the size in **Printer Paper Size**, or enter the scaling ratio in the **Scaling** box.

Scaling

Specifies an enlargement or reduction ratio for the document you want to print.

Page Layout

Multiple pages of document can be printed on one sheet of paper.

Specify...

Opens the [Page Layout Printing dialog box](#).

Click this button to set details on page layout printing.

Tiling/Poster

This function enables you to enlarge the image data and divide the enlarged data into several pages to be printed. You can also glue together these sheets of paper to create large printed matter, such as a poster.

Specify...

Opens the [Tiling/Poster Printing dialog box](#).

Click this button to set details on tiling/poster printing.

Booklet

Booklet printing is the convenient function to create a booklet. Data is printed on both sides of a sheet of paper. This type of printing ensures that pages can be collated properly, in page number order, when the printed sheets are folded and stapled at the center.

Specify...

Opens the [Booklet Printing dialog box](#).

Click this button to set details on booklet printing.

Duplex Printing

Selects whether to print the document automatically on both sides or one side of a sheet of paper.

Check this check box to print the document on both sides.

This function can be used only when **Plain Paper** is selected for **Media Type** and one of **Normal-size**, **Fit-to-Page**, **Scaled**, or **Page Layout** is selected.

Automatic

Selects whether duplex printing is to be performed automatically or manually.

This check box will be enabled if **Booklet** is selected from the **Page Layout** list or the **Duplex Printing** check box is checked.

To perform duplex printing automatically, check this check box.

To perform duplex printing manually, uncheck this check box.

►►► Important

- If **Automatic** is not displayed for your model, selecting **Duplex Printing** will automatically enable duplex printing.

Print Area Setup...

Opens the [Print Area Setup dialog box](#) in which you can configure the print area for automatic duplex printing.

This button will be enabled if automatic duplex printing is set when **Borderless** is not selected.

Stapling Side

Selects the stapling margin position.

The printer analyzes the **Orientation** and **Page Layout** settings, and automatically selects the best stapling margin position. Check **Stapling Side**, and select from the list to change it.

Specify Margin...

Opens the [Specify Margin dialog box](#).

You can specify the width of the margin.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

►►► Important

- If the application used to create your document has a similar function, specify the number of copies with the application without specifying it here.

Print from Last Page

Check this check box when you want to print from the last page in order. If you do this, you do not need to sort the pages into their correct order after printing.

Uncheck this check box to print your document in normal order, starting from the first page.

Collate

Check this check box to group together the pages of each copy when you want to print multiple copies.

Uncheck this check box when you want to print with all pages of the same page number grouped together.

»» Important

- When the application software that you used to create the document has the same function, give priority to the printer driver settings. 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 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.

Print Options...

Opens the [Print Options dialog box](#).

Changes detailed printer driver settings for print data that is sent from applications.

Stamp/Background... (Stamp...)

Opens the [Stamp/Background \(Stamp\) dialog box](#).

The **Stamp** function allows you to print a stamp text or a bitmap over or behind document data. It also allows you to print date, time and user name. The **Background** function allows you to print a light illustration behind the document data.

»» Note

- With the XPS printer driver, the **Stamp/Background...** button has become the **Stamp...** button and only the stamp function can be used.

Depending on the type of printer driver you are using and the environment, **Stamp** and **Background** may not be available.

Custom Paper Size dialog box

This dialog box allows you to specify the size (width and height) of the custom paper.

Units

Select the unit for entering a user-defined paper size.

Paper Size

Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

Page Layout Printing dialog box

This dialog box allows you to select the number of document pages to be placed on one sheet of paper, the page order, and whether a page border line is to be printed around each document page.

The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings made on the **Page Layout Printing** dialog box.

You can check what the print result will look like before you actually print the data.

Pages

Specifies the number of document pages to fit on one sheet.

Page Order

Specifies the document orientation to be printed on a sheet of paper.

Page Border

Prints a page border line around each document page.

Check this check box to print the page border line.

Tiling/Poster Printing dialog box

This dialog box allows you to select the size of the image to be printed. You can also make settings for cut lines and paste markers which are convenient for pasting together the pages into a poster.

The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings of the **Tiling/Poster Printing** dialog box.

You can check what the print result will look like.

Image Divisions

Select the number of divisions (vertical x horizontal).

As the number of divisions increases, the number of sheets used for printing increases. If you are pasting pages together to create a poster, increasing the number of divisions allows you to create a larger poster.

Print "Cut/Paste" in margins

Specifies whether to print the words "Cut" and "Paste" in the margins. These words serve as guidelines for pasting together the pages into a poster.

Check this check box to print the words.

»» Note

- Depending on the type of printer driver you are using and the environment, this function may not be available.

Print "Cut/Paste" lines in margins

Specifies whether to print cut lines that serve as guidelines for pasting together the pages into a poster.

Check this check box to print the cut lines.

Print page range

Specifies the printing range. Select **All** under normal circumstances.

Select **Pages** to specify a specific page or range.

»» Note

- If some of the pages have not been printed well, specify the pages that do not need to be printed by clicking them in the settings preview of the **Page Setup** tab. Only the pages shown on the screen will be printed this time.

Booklet Printing dialog box

This dialog box allows you to set how to bind the document as a booklet. Printing only on one side and printing a page border, can also be set in this dialog box.

The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings made on the **Booklet Printing** dialog box.

You can check what the document will look like when printed as a booklet.

Margin for stapling

Specifies which side of the booklet is to be stapled.

Insert blank page

Selects whether to print the document on one side or both sides of the booklet.

Check this check box to print the document on one side of the booklet and select the side to be left blank from the list.

Margin

Specifies the width of the stapling margin.

The specified width becomes the stapling margin from the center of the sheet.

Page Border

Prints a page border line around each document page.

Check this check box to print the page border line.

Print Area Setup dialog box

When you perform duplex printing, the print area of the document becomes slightly narrower than usual. Therefore when a document that has small margins is printed, the document may not fit on one page. This dialog box allows you to set whether the page is to be reduced when printed so that the document fits in one page.

Use normal-size printing

Prints the document pages without reducing them. This is the default setting.

Use reduced printing

Slightly reduces each document page so that it fits on one sheet of paper during printing.

Select this setting when using automatic duplex printing to print a document with small margins.

Specify Margin dialog box

This dialog box allows you to specify the margin width for the side to be stapled. If a document does not fit on one page, the document is reduced when printed.

Margin

Specifies the width of the stapling margin.

The width of the side specified by **Stapling Side** becomes the stapling margin.

Print Options dialog box

Makes changes to print data that is sent to the printer.

Depending on the type of printer driver you are using and the environment, this function may not be available.

Disable ICM required from the application software

Disables the ICM function required from the application software.

When an application software uses Windows ICM to print data, unexpected colors may be produced or the printing speed may decrease. If these problems occur, checking this check box may resolve the problems.

»»» Important

- Uncheck this check box under normal circumstances.
- This function does not work when **ICM** is selected for **Color Correction** on the **Matching** tab of the **Manual Color Adjustment** dialog box.

»»» Note

- **Disable ICM required from the application software** tab cannot be used with the XPS printer driver.

Disable the color profile setting of the application software

Checking this check box disables information in the color profile that was set on the application software.

When the information in the color profile set on the application software is output to the printer driver, the print result may contain unexpected colors. If this happens, checking this check box may resolve the problem.

»»» Important

- Even when this check box is checked, only some of the information in the color profile is disabled, and the color profile can still be used for printing.
- Uncheck this check box under normal circumstances.

Ungroup Papers

Sets the display method of **Media Type**, **Page Size**, and **Printer Paper Size**.

To display the items separately, select the check box.

To display the items as a group, clear the check box.

Do not allow application software to compress print data

Compression of the application software print data is prohibited.

If the print result has missing image data or unintended colors, selecting this check box may improve the condition.

»»» Important

- Uncheck this check box under normal circumstances.

»»» Note

- **Do not allow application software to compress print data** tab cannot be used with the XPS printer driver.

Print after creating print data by page

The print data is created in page units, and printing starts after the processing of one page of print data is complete.

If a printed document contains unintended results such as streaks, selecting this check box may improve the results.

»»» Important

- Uncheck this check box under normal circumstances.

Scale images using nearest-neighbor interpolation

When an image is to be enlarged or reduced when printed, the printer uses a simple interpolation process to enlarge or reduce the image.

If the image data in a printed document is not printed clearly, selecting this check box may improve the results.

»»» Important

- Uncheck this check box under normal circumstances.

»»» Note

- **Scale images using nearest-neighbor interpolation** can be used only with the XPS printer driver.

Prevention of Print Data Loss

You can reduce the size of the print data that was created with the application software and then print the data.

Depending on the application software being used, the image data may be cut off or may not be printed properly. In such cases, select **On**. If you will not be using this function, select **Off**.

»»» Important

- When using this function, the print quality may drop depending on the print data.

Unit of Print Data Processing

Selects the processing unit of the print data to be sent to the machine.

Select **Recommended** under normal circumstances.

»»» Important

- A large amount of memory may be used for certain settings.
Do not change the setting if your computer has a small amount of memory.

»»» Note

- **Unit of Print Data Processing** tab cannot be used with the XPS printer driver.

Stamp/Background (Stamp...) dialog box

The **Stamp/Background (Stamp...)** dialog box allows you to print a stamp and/or background over or behind the document pages. In addition to the pre-registered ones, you can register and use your original stamp or background.

»»» Note

- With the XPS printer driver, the **Stamp/Background...** button has become the **Stamp...** button and only the stamp function can be used.

Stamp

Stamp printing is a function that prints a stamp over a document.

Check this check box and select a title from the list to print a stamp.

Define Stamp...

Opens the **Stamp Settings** dialog box.

You can check the details of a selected stamp or save a new stamp.

Place stamp over text

Sets how the stamp is to be printed over the document.

Check the **Stamp** check box to enable this.

Check this check box to print a stamp over the printed document page. The printed data may be hidden behind the stamp.

Uncheck this check box to print the document data over the stamp. The printed data will not be hidden behind the stamp.

»»» Note

- The stamp is given priority because the stamp is printed over the document data in the sections where the stamp and the document data overlap. When this check box is unchecked, the stamp

is printed behind the document data and may be hidden in the overlapping sections depending on the application software used.

Print semitransparent stamp

Sets how the stamp is to be printed over the document.

Check the **Stamp** check box to enable this.

Check this check box to print a semi-transparent stamp over the printed document page.

Uncheck this check box to print the stamp over the document data. The printed data may be hidden behind the stamp.

»» Note

- You can use **Print semitransparent stamp** only with the XPS printer driver.

Stamp first page only

Selects whether the stamp is to be printed on the first page only or on all pages when the document has two or more pages.

Check the **Stamp** check box to enable this.

Check this check box to print a stamp on the first page only.

Background

Background printing is a function that allows you to print an illustration or a similar object (bitmap, etc.) behind the document.

Check this check box to print a background and select a title from the list.

Select Background...

Opens the **Background Settings** dialog box.

You can register a bitmap as a background, and change layout method and intensity of the selected background.

Background first page only

Selects whether to print the background on the first page only or print on all pages when the document has two or more pages.

Check the **Background** check box to enable this.

Check this check box to print a background on the first page only.

Stamp Tab

The Stamp tab allows you to set the text and bitmap file (.bmp) to be used for a stamp.

Preview Window

Shows the status of the stamp configured in each tab.

Stamp Type

Specifies the stamp type.

Select **Text** to create a stamp with characters. Select **Bitmap** to create with a bitmap file. Select **Date/Time/User Name** to display the creation date/time and user name of the printed document.

The setting items in the **Stamp** tab change depending on the selected type.

When **Stamp Type** is **Text** or **Date/Time/User Name**

Stamp Text

Specifies the stamp text string.

Up to 64 characters can be entered.

For **Date/Time/User Name**, the creation date/time and user name of the printed object are displayed in **Stamp Text**.

»» Important

- **Stamp Text** appears grayed out and is unavailable if **Date/Time/User Name** is selected.

TrueType Font

Selects the font for the stamp text string.

Style

Selects the font style for the stamp text string.

Size

Selects the font size for the stamp text string.

Outline

Selects a frame that encloses the stamp text string.

If a large font size is selected for **Size**, characters may extend outside of the stamp border.

Color/Select Color...

Shows the current color for the stamp.

To select a different color, click **Select Color...** to open the **Color** dialog box, and select or create a color you wish to use as a stamp.

When **Stamp Type** is **Bitmap**

File

Specifies the name of the bitmap file to be used as the stamp.

Select File...

Opens the dialog box to open a file.

Click this button to select a bitmap file to be used as a stamp.

Size

Adjusts the size of the bitmap file to be used as a stamp.

Moving the slider to the right increases the size, moving the slider to the left decreases the size.

Transparent white area

Specifies whether to make white-filled areas of the bitmap transparent.

Check this check box to make white-filled areas of the bitmap transparent.

»» Note

- Click **Defaults** to set **Stamp Type** to text, **Stamp Text** to blank, **TrueType Font** to Arial, **Style** to Regular, **Size** to 36 points, **Outline** unchecked, and **Color** to gray with the RGB values (192, 192, 192).

Placement Tab

The Placement tab allows you to set the position where the stamp is to be printed.

Preview Window

Shows the status of the stamp configured in each tab.

Position

Specifies the stamp position on the page.

Selecting **Custom** from the list allows you to enter values for the **X-Position** and **Y-Position** coordinates directly.

Orientation

Specifies the angle of rotation for the stamp. The angle can be set by entering the number of degrees.

Negative values rotate the stamp clockwise.

►►► Note

- **Orientation** is enabled only when **Text** or **Date/Time/User Name** is selected for **Stamp Type** on the **Stamp** tab.

►►► Note

- Click **Defaults** to set the stamp position to **Center** and the orientation to 0.

Save settings Tab

The **Save settings** tab allows you to register a new stamp or delete an unnecessary stamp.

Title

Enter the title to save the stamp you created.

Up to 64 characters can be entered.

►►► Note

- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

Stamps

Shows a list of saved stamp titles.

Specify a title to display the corresponding stamp in **Title**.

Save/Save overwrite

Saves the stamp.

Enter a title in **Title**, and then click this button.

Delete

Deletes an unnecessary stamp.

Specify the title of an unnecessary stamp from the **Stamps** list, and click this button.

Background Tab

The Background tab allows you to select a bitmap file (.bmp) to be used as a background or determine how to print the selected background.

Preview Window

Shows the status of the bitmap set on the **Background** tab.

File

Specifies the name of the bitmap file to be used as the background.

Select File...

Opens the dialog box to open a file.

Click this button to select a bitmap file (.bmp) to be used as the background.

Layout Method

Specifies how the background image is to be placed on the paper.

When **Custom** is selected, you can set coordinates for **X-Position** and **Y-Position**.

Intensity

Adjusts the intensity of the bitmap to be used as a background.

Moving the slider to the right increases the intensity, and moving the slider to the left decreases the intensity. To print the background at the original bitmap intensity, move the slider to the rightmost position.

►► Note

- Depending on the type of printer driver you are using and the environment, this function may not be available.
- Click **Defaults** to set **File** to blank, **Layout Method** to **Fill page**, and the **Intensity** slider to the middle.

Save settings Tab

The **Save settings** tab allows you to register a new background or delete an unnecessary background.

Title

Enter the title to save the background image you specified.

Up to 64 characters can be entered.

►► Note

- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

Backgrounds

Shows a list of registered background titles.

Specify a title to display the corresponding background in **Title**.

Save/Save overwrite

Saves the image data as a background.

After inserting the **Title**, click this button.

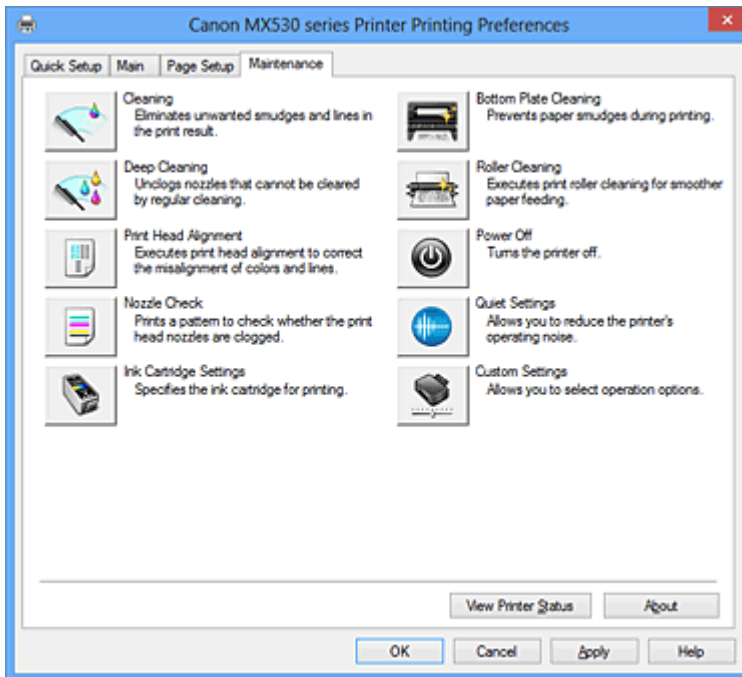
Delete

Deletes an unnecessary background.

Specify the title of an unnecessary background from the **Backgrounds** list, and then click this button.

Maintenance tab Description

The **Maintenance** tab allows you to perform machine maintenance or change the settings of the machine.



Cleaning

Performs print head cleaning.

Print head cleaning removes any blockage in the print head nozzles.

Perform cleaning when printing becomes faint, or a specific color fails to print, even though all ink levels are sufficiently high.



Deep Cleaning

Performs deep cleaning.

Perform deep cleaning when two cleaning attempts do not resolve the print head problem.

►►► Note

- **Deep Cleaning** consumes a larger amount of ink than **Cleaning**.
Cleaning the print heads frequently will rapidly deplete your printer's ink supply. Therefore, perform cleaning only when necessary.

Ink Group

When you click **Cleaning** or **Deep Cleaning**, the **Ink Group** window is displayed.

Selects the ink group that you want to clean the print head for.

Click [Initial Check Items](#) to display the items that you need to check before you execute cleaning or deep cleaning.



Print Head Alignment

Print head alignment corrects the installation positions of the print head and improves deviated colors and lines.

Align the print head immediately after installing the print head.

When you click **Print Head Alignment**, the [Start Print Head Alignment dialog box](#) is displayed.



Nozzle Check

Prints a nozzle check pattern.

Perform this function if printing becomes faint or a specific color fails to print. Print a nozzle check pattern, and check whether the print head is working properly. If the print result for a specific color is faded, or if there are any unprinted sections, click **Cleaning** to clean the print head.

To display a list of items that you should check before printing the nozzle check pattern, click [Initial Check Items](#).

Print Check Pattern

This function prints a pattern that allows you to check whether any of the ink nozzles are clogged.

Click **Print Check Pattern**. When the confirmation message is displayed, click **OK**. The **Pattern Check** dialog box is then displayed.

Left-side bitmap (good)

The print head nozzles are not clogged.

Right-side bitmap (bad)

The print head nozzles may be clogged.

Exit

Closes the **Pattern Check** dialog box, and returns to the **Maintenance** tab.

Cleaning

Performs print head cleaning.

Print head cleaning removes any blockage in the print head nozzles.

Perform cleaning when printing becomes faint, or if a specific color fails to print, even though all ink levels are sufficiently high.



Ink Cartridge Settings

Opens the [Ink Cartridge Settings dialog box](#).

Use this function to specify the FINE cartridge you want to use.



Bottom Plate Cleaning

Performs cleaning of the bottom plate of the machine.

To prevent smudges on the back side of a sheet of paper, perform **Bottom Plate Cleaning** before you perform duplex printing.

Also perform **Bottom Plate Cleaning** if ink smudges caused by something other than print data appear on the printed page.



Roller Cleaning

Cleans the paper feed rollers.

Paper feeding may fail if paper dust has stuck to the machine's paper feed rollers. In this case, clean the paper feed rollers to improve the print result.



Power Off

Turns off the machine from the printer driver.

Perform this function to turn off the machine when you cannot press the ON button (POWER button) on the machine because the machine is out of your reach.

You must press the ON button (POWER button) on the machine to turn the machine on again after clicking this button. When you use this function, you will not be able to turn the machine on from the printer driver.



Quiet Settings

Opens the [Quiet Settings dialog box](#).

Quiet Settings dialog box allows you to specify a setting that reduces the operating noise of the machine. This mode comes in handy when the operating noise of the machine becomes a concern, such when printing at night. Perform this operation when you want to change the quiet mode setting.

▶▶▶ Note

- If the machine is off or if communication between the machine and the computer is disabled, an error message may appear because the computer cannot collect the machine status.



Custom Settings

Opens the [Custom Settings dialog box](#).

Perform this function to change the settings of this machine.

▶▶▶ Note

- If the machine is off or bi-directional communication is disabled, a message may appear because the computer cannot collect the machine status.
If this happens, click **OK** to display the most recent settings specified on your computer.

View Print History

This function starts the Canon IJ XPS preview, and displays the print history.

▶▶▶ Note

- You can use this function only with the XPS printer driver.

View Printer Status

Starts the Canon IJ Status Monitor.

Perform this function when you want to check the printer status and how a print job is proceeding.

▶▶▶ Note

- If you are using the XPS printer driver, the "Canon IJ Status Monitor" becomes the "Canon IJ XPS Status Monitor".

About

Opens the [About dialog box](#).

The version of the printer driver, plus a copyright notice, can be checked.

In addition, the language to be used can be switched.

Initial Check Items

Check that the machine power is on, and open the cover of the machine.

Check the following items for each ink. Then, if necessary, perform **Nozzle Check** or **Cleaning**.

- [Check the amount of ink](#) remaining in the cartridge.
- Make sure that you push in the ink cartridge completely until you hear a clicking sound.
- If an orange tape is adhered to the ink cartridge, peel it off completely.
Any remaining tape will hinder ink output.
- Check that the ink cartridges are installed in their correct positions.

Start Print Head Alignment dialog box

This dialog box allows you to adjust the attachment position for the print head, or to print the current setting value for the print head position.

Align Print Head

Aligns the print head.

Print head alignment corrects the installation positions of the print head and improves deviated colors and lines.

Align the print head immediately after installing the print head.

Print Alignment Value

Click this button to check the current setting value of the print head position.

Prints the current setting value for the print head position.

Print Head Alignment dialog box

To adjust the print head position manually, click **Align Print Head** in the **Start Print Head Alignment** dialog box, and perform the operations instructed in the messages. The **Print Head Alignment** dialog box is then displayed.

This dialog box allows you to check the printed pattern and adjust the print head position.

Preview Window

Displays the pattern of **Print Head Alignment**, and checks the position of the selected pattern.

You can also change the setting by clicking the pattern on the screen directly.

Select the Pattern Number

Compare the printed adjustment patterns, and enter the pattern number of the pattern with the least visible streaks or horizontal stripes into the corresponding box.

►► Note

- If you do not know how to analyze the printed pattern, see [Aligning the Print Head Position from Your Computer](#).

Initial Check Items

Check that the machine power is on, and open the cover of the machine.

Check the following items for each ink. Then, if necessary, perform **Nozzle Check** or **Cleaning**.

- [Check the amount of ink](#) remaining in the cartridge.
- Make sure that you push in the ink cartridge completely until you hear a clicking sound.

- If an orange tape is adhered to the ink cartridge, peel it off completely. Any remaining tape will hinder ink output.
- Check that the ink cartridges are installed in their correct positions.

Ink Cartridge Settings dialog box

When you click **Ink Cartridge Settings**, the **Ink Cartridge Settings** dialog box is displayed. This feature enables you to specify the most appropriate FINE cartridge among installed cartridges according to an intended use.

When one of the FINE cartridges becomes empty and cannot be replaced immediately by a new one, you can specify the other FINE cartridge that still has ink and continue printing.

Ink Cartridge

Selects the FINE cartridge you use for printing.

Color Only

Uses the color FINE cartridge only.

Black Only

Uses the black FINE cartridge only.

Both Black and Color

Uses the FINE cartridges installed on the machine, which are color and black.

▶▶▶ Important

- When the following settings are specified, **Black Only** does not function because the machine uses the color FINE cartridge to print documents.
 - Other than **Plain Paper**, **Envelope**, **Hagaki A**, or **Hagaki** is selected for **Media Type** on the **Main** tab
 - **Borderless** is selected from the **Page Layout** list on the **Page Setup** tab
- Do not detach the FINE cartridge that is not in use. Printing cannot be performed while either FINE cartridge is detached.

Quiet Settings dialog box

When you click **Quiet Settings**, the **Quiet Settings** dialog box is displayed.

Quiet Settings dialog box allows you to specify a setting that reduces the operating noise of the machine. Select when you wish to reduce the operating noise of the machine at night, etc.

Using this function may lower the print speed.

Do not use quiet mode

Select this option when you wish to use the machine with volume of normal operating noise.

Always use quiet mode

Select this option when you wish to reduce the operating noise of the machine.

Use quiet mode during specified hours

Select this option when you wish to reduce the operating noise of the machine during a specified period of time.

Set the **Start time** and the **End time** of the quiet mode you wish to be activated. If both are set to the same time, the quiet mode will not function.

▶▶▶ Important

- You can set the quiet mode from the operation panel of the machine, the printer driver, or ScanGear (scanner driver).

No matter how you use to set the quiet mode, the mode is applied when you perform operations from the operation panel of the machine or printing and scanning from the computer.

Custom Settings dialog box

When you click **Custom Settings**, the **Custom Settings** dialog box is displayed.
If necessary, switch between various modes of machine operation.

Prevent paper abrasion

The printer can increase the gap between the print head and the paper during high-density printing to prevent paper abrasion.

Check this check box to enable this function.

Align heads manually

Usually, the **Print Head Alignment** function on the **Maintenance** tab is set to automatic head alignment, but you can change it to manual head alignment.

If the printing results are unsatisfactory even after you execute automatic head alignment, execute manual head alignment.

Check this check box to perform the manual head alignment.

Prevent paper double-feed

Select this check box only if the machine is feeding multiple sheets of plain paper at the same time.

►►► Important

- Using this function slows down the print speed.

Rotate 90 degrees left when orientation is [Landscape]

On the **Page Setup** tab, you can change the rotation direction of the **Landscape** in the **Orientation**.
To rotate the document 90 degrees to the left when printing, select the check box.

Detect the paper width when printing from computer

When you print from the computer, this function identifies the paper that was loaded into this machine.

When the paper width detected by the machine differs from the width of the paper specified in **Page Size** on the **Page Setup** tab, a message is displayed.

To use paper width detection when printing from the computer, select the check box.

►►► Important

- If you are using user-defined paper, use the **Custom Paper Size** to correctly set the size of the paper loaded in the machine.
If an error message is displayed even though the same size that was set is loaded, clear the check box.

Ink Drying Wait Time

The machine can pause before printing a subsequent page. Moving the slider to the right increases the pause time, and moving the slider to the left decreases the time.

If the paper gets stained because the next page is ejected before the ink on the printed page dries, increase the ink drying wait time.

Reducing the ink drying wait time speeds up printing.

About dialog box

When you click **About**, the **About** dialog box is displayed.

This dialog box displays the version, copyright, and module list of the printer driver. You can select the language to be used and switch the language displayed in the setup window.

Modules

Lists the printer driver modules.

Language

Specifies the language you wish to use in the [printer driver setup window](#).

▶▶▶ Important

- If the font for displaying the language of your choice is not installed in your system, the characters will be garbled.

Related Topics

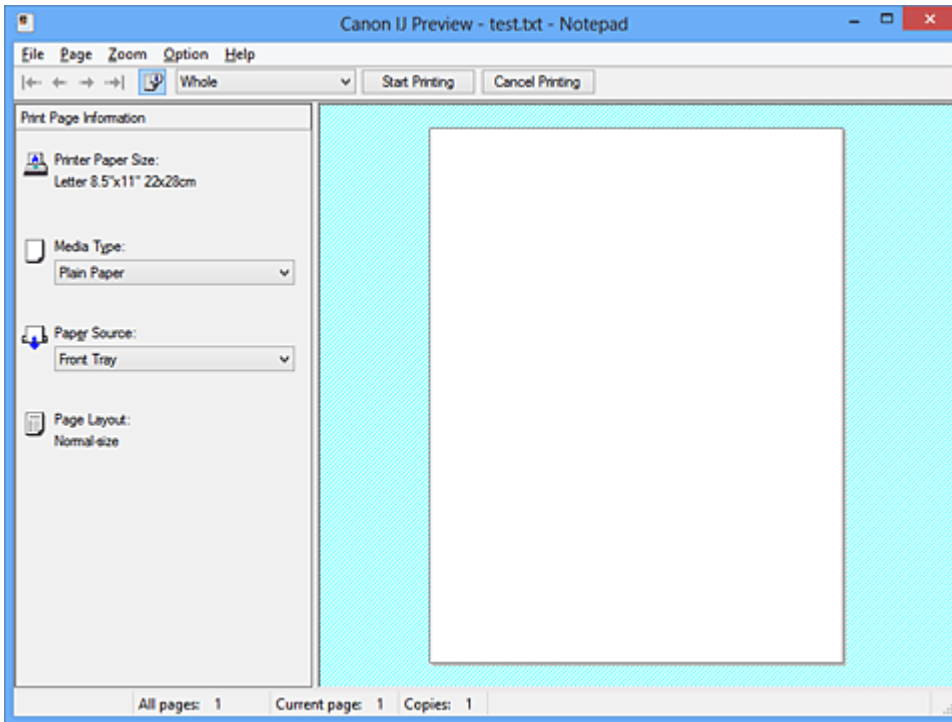
- Cleaning the Print Heads from Your Computer
- Aligning the Print Head Position from Your Computer
- Use Your Computer to Print a Nozzle Check Pattern
- Setting the Ink Cartridge to be Used
- Cleaning Inside the Machine
- Cleaning the Paper Feed Rollers from Your Computer
- Managing the Machine Power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

Canon IJ Preview Description

Canon IJ Preview is an application software that displays what the print result will look like before a document is actually printed.

The preview reflects the information that is set within the printer driver and allows you to check the document layout, print order, and number of pages. You can also change the media type and paper source settings.

When you want to display a preview before printing, open the [printer driver setup window](#), and check the **Preview before printing** check box on the **Main** tab.



File Menu

Selects the print operation.

Start Printing

Ends the Canon IJ Preview and then starts printing the document that is displayed on the preview screen.

This command has the same function as the **Start Printing** on the toolbar.

Cancel Printing

Ends the Canon IJ Preview and cancels the printing of the document that is displayed on the preview screen.

This command has the same function as the **Cancel Printing** on the toolbar.

Exit

Ends the Canon IJ Preview.

Page Menu

This menu includes the following commands to select page to be displayed.

All of these commands except **Page Selection...** can also be selected from the toolbar.

►►► Note

- If the pages are being spooled, the last spooled page becomes the last page.
- If the **Page Layout** setting on the **Page Setup** tab is specified to **Page Layout, Tiling/Poster**, or **Booklet**, the number of pages is the number of sheets to be used for printing, and not the number of pages in the original document created with the application software.

- If duplex printing manually has been set, the front pages which will be printed first are all displayed together, and then the back pages are displayed.

First Page

Displays the first page of the document.

If the currently displayed page is the first page, this command is grayed out and cannot be selected.

Previous Page

Displays the page located before the currently displayed page.

If the currently displayed page is the first page, this command is grayed out and cannot be selected.

Next Page

Displays the page located after the currently displayed page.

If the currently displayed page is the last page, this command is grayed out and cannot be selected.

Last Page

Displays the last page of the document.

If the currently displayed page is the last page, this command is grayed out and cannot be selected.

Page Selection...

Displays the **Page Selection** dialog box.

This command allows you to specify the page number of the page to be displayed.

Zoom Menu

Selects the ratio of the actual size printed on the paper to the preview display size.

You can also select the ratio from the drop-down list box located on the toolbar.

Whole

Displays the entire page of data as one page.

50%

Reduces the displayed data to 50% of the actual size to be printed.

100%

Displays the data at the actual size to be printed.

200%

Enlarges the displayed data to 200% of the actual size to be printed.

400%

Enlarges the displayed data to 400% of the actual size to be printed.

Option Menu

This menu includes the following command:

Displays Print Page Information

Displays print setup information (including printer paper size, media type, and page layout) for each page at the left side of the preview screen.

This screen also allows you to change the media type and paper source settings.

Help Menu

When you select this menu item, the Help window for Canon IJ Preview is displayed, and you can check the version and copyright information.

Start Printing button

Prints the documents selected in the document list.

The printed documents are deleted from the list, and when all documents are printed, the Canon IJ XPS Preview closes.

Cancel Printing button

Ends the Canon IJ Preview, and cancels the printing of the document that is displayed on the preview screen.

You can click this button while spooling.

Print Page Information Screen

Displays print setup information for each page at the left side of the preview screen.

This screen also allows you to change the media type and paper source settings.

»» Important

- If the media type and paper source are set from the application software, those settings have priority and the changed settings may become ineffective.

Printer Paper Size

Displays the paper size of the document to be printed.

Media Type

You can select the media type of the document to be printed.

Paper Source

You can select the paper source of the document to be printed.

Page Layout

Displays the page layout of the document to be printed.

Canon IJ XPS Preview Description

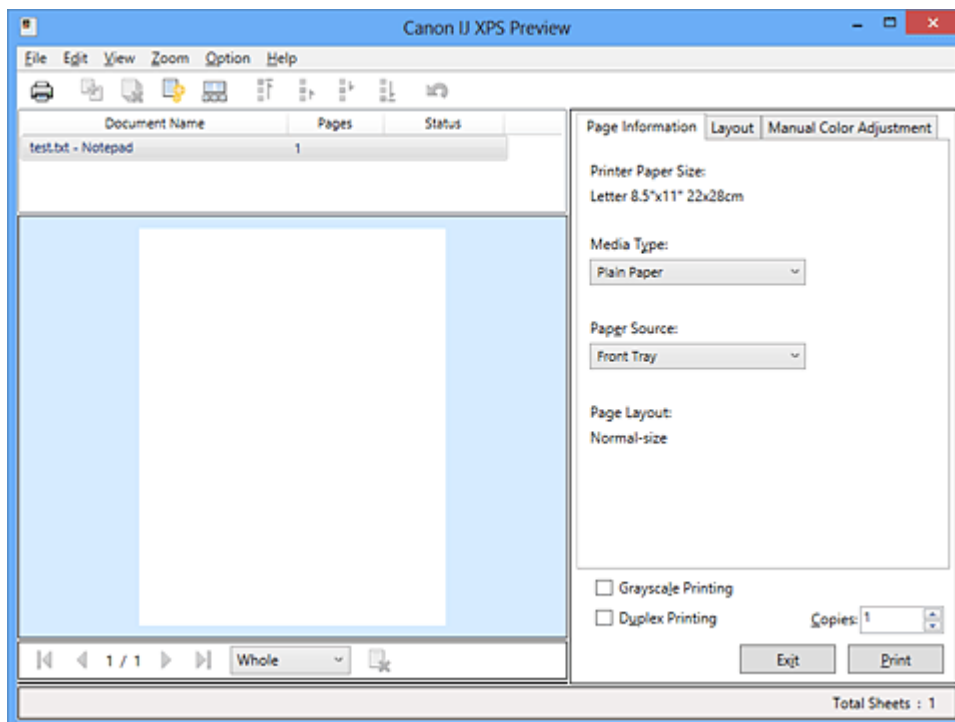
Canon IJ XPS Preview is an application software that displays what the print result will look like before a document is actually printed.

The preview reflects the information which is set within the printer driver and allows you to check the document layout, print order, and number of pages. The preview also allows you to edit the print document, edit the print pages, change the print settings, and perform other functions.

When you want to display a preview before printing, open the [printer driver setup window](#), and check the **Preview before printing** check box on the **Main** tab.

►►► Important

- To use the Canon IJ XPS Preview, you must have Microsoft .NET Framework 4 Client Profile installed on your computer.




File Menu

Selects print operation and print history settings:

Print

Prints the documents selected in the document list.

The printed documents are deleted from the list, and when all documents are printed, the Canon IJ XPS Preview closes.

This command has the same function as  (Print) on the toolbar and the **Print** in the print settings area.

Print All Documents

Prints all documents in the document list and closes the Canon IJ XPS Preview.

Save Print History

Switches whether the documents printed from the Canon IJ XPS Preview are to be saved as print history entries.

History Entry Limit

Switches the maximum number of print history registrations.

Select **10 Entries**, **30 Entries**, or **100 Entries**.

»» Important

- If the limit on the number of registration is exceeded, the print history registrations are deleted starting from the oldest one.

Add documents from history to the list

Adds the document saved in the print history to the document list.

Exit

Ends the Canon IJ XPS Preview. The documents remaining in the document list will be deleted from the list.

This command has the same function as the **Exit** in the print settings area.


Edit Menu

Selects the method for editing multiple documents or pages.

Undo

Reverses the previous change.

If the change cannot be reversed, this function is grayed out and cannot be selected.

This command has the same function as the  (Undo) on the toolbar.


Documents

Selects the method for editing print documents.

Combine Documents

Combines the documents selected in the document list into one document.


If only one document is selected, this command is grayed out and cannot be selected.

This command has the same function as the  (Combine Documents) on the toolbar.

Reset Documents

Returns the document selected in the document list to their status before they were added to the Canon IJ XPS Preview.

The combined documents are separated, and the original documents are restored.

This command has the same function as the  (Reset Documents) on the toolbar.

Move Document

Use the following command to change the order of the documents selected in the document list.

Move to First

Moves the selected print document to the beginning of the document list.

If the currently selected document is the first document, this command is grayed out and cannot be selected.

Move Up One

Moves the selected print document one up from its current position.

If the currently selected document is the first document, this command is grayed out and cannot be selected.

Move Down One

Moves the selected print document one down from its current position.

If the currently selected document is the last document, this command is grayed out and cannot be selected.

Move to Last


Moves the selected print document to the end of the document list.

If the currently selected document is the last document, this command is grayed out and cannot be selected.

Delete Document

Deletes the selected document from the document list.

If the document list contains only one document, the document is grayed out and cannot be selected.

This command has the same function as the  (Delete Document) on the toolbar.

Grayscale Printing

Allows you to change the monochrome print settings.

This command has the same functionality as the **Grayscale Printing** check box in the print settings area.

Page Layout Printing...

Opens the **Page Layout Printing** dialog box.

This dialog box allows you to set **Page Layout Printing**, **Pages**, **Page Order**, and **Page Border**.

Duplex Printing...

Opens the **Duplex Printing** dialog box.

This dialog box allows you to set **Duplex Printing**, **Automatic**, **Stapling Side**, and **Margin**.

Copies...

Opens the **Copies** dialog box.

This dialog box allows you to set **Copies**, **Collate**, and **Print from Last Page**.


Pages

Selects the method for editing print pages.

Delete Page

Deletes the currently selected page.

If page layout printing is set, the pages enclosed with red frame will be deleted.

This command has the same function as the  (Delete Page) on the toolbar.

Restore Page

Restores pages that were deleted with the **Delete Page** function.

To restore pages, you must select the **View Deleted Pages** check box on the **Option** menu and display the deleted pages as thumbnails.

Move Page

Use the following command to change the order of the currently selected pages.

Move to First

Moves the currently selected page to the beginning of the document.

If the currently selected page is the first page, this command is grayed out and cannot be selected.

Move Forward One

Moves the currently selected page one position in front of its current position.

If the currently selected page is the first page, this command is grayed out and cannot be selected.

Move Backward One

Moves the currently selected page one position after its current position.

If the currently selected page is the last page, this command is grayed out and cannot be selected.

Move to Last

Moves the currently selected page to the end of the document.

If the currently selected page is the last page, this command is grayed out and cannot be selected.

View Menu

Selects the documents and pages to be displayed.

Documents

Use the following command to select the document to display.

First Document

Displays the first document in the document list.

If the currently selected document is the first document, this command is grayed out and cannot be selected.

Previous Document

Displays the document located before the currently displayed document.

If the currently selected document is the first document, this command is grayed out and cannot be selected.

Next Document

Displays the document located after the currently displayed document.

If the currently selected document is the last document, this command is grayed out and cannot be selected.

Last Document

Displays the last document in the document list.

If the currently selected document is the last document, this command is grayed out and cannot be selected.

Pages

Use the following command to select the page to be displayed.

▶▶ Note

- If the **Page Layout** setting in the printer driver is specified to **Tiling/Poster**, or **Booklet**, the number of pages is the number of sheets to be used for printing, and not the number of pages in the original document created with the application software.

First Page

Displays the first page of the document.

If the currently displayed page is the first page, this command is grayed out and cannot be selected.

Previous Page

Displays the page located before the currently displayed page.

If the currently displayed page is the first page, this command is grayed out and cannot be selected.

Next Page

Displays the page located after the currently displayed page.

If the currently displayed page is the last page, this command is grayed out and cannot be selected.

Last Page

Displays the last page of the document.

If the currently displayed page is the last page, this command is grayed out and cannot be selected.

Page Selection...

Displays the **Page Selection** dialog box.

This command allows you to specify the page number of the page to be displayed.

Zoom Menu

Selects the ratio of the actual size printed on the paper to the preview display size.

You can also select the ratio from the drop-down list box located on the toolbar.

Whole

Displays the entire page of data as one page.

50%

Reduces the displayed data to 50% of the actual size to be printed.

100%

Displays the data at the actual size to be printed.

200%

Enlarges the displayed data to 200% of the actual size to be printed.

400%


Enlarges the displayed data to 400% of the actual size to be printed.

Option Menu

Toggles the show / hide status of the following information.

View Thumbnails

Reduces all pages in the document selected in the document list and displays them at the bottom of the preview window.

This command has the same function as the  (View Thumbnails) on the toolbar.

View Document List

Displays the print document list at the top of the preview window.

View Print Settings Area

Displays the print settings area at the right side of the preview window.

View Deleted Pages

When the thumbnails are displayed, this function displays pages that were deleted with the **Delete Page** function.

To check deleted pages, you must first select the **View Thumbnails** check box.

Keep printed documents on the list

Leaves the printed document in the document list.

Print Settings Displayed at Startup

Switches the tab of the print settings area to be displayed when the Canon IJ XPS Preview is started.

Select **Page Information**, **Layout**, or **Manual Color Adjustment**.

Help Menu

When you select this menu item, the Help window for Canon IJ XPS Preview is displayed, and you can check the version and copyright information.



(Print)

Prints the documents selected in the document list.

The printed documents are deleted from the list, and when all documents are printed, the Canon IJ XPS Preview closes.



(Combine Documents)

Combines the documents selected in the document list into one document.

If only one document is selected, this command is grayed out and cannot be selected.



(Delete Document)

Deletes the selected document from the document list.

If the document list contains only one document, the document is grayed out and cannot be selected.



(Reset Documents)

Returns the document selected in the document list to their status before they were added to the Canon IJ XPS Preview.

The combined documents are separated, and the original documents are restored.



(View Thumbnails)

Reduces all pages in the document selected in the document list and displays them at the bottom of the preview window.

To hide the print pages, click **View Thumbnails** again.



(Move to First)

Moves the selected print document to the beginning of the document list.

If the currently selected document is the first document, this command is grayed out and cannot be selected.



(Move Up One)

Moves the selected print document one up from its current position.

If the currently selected document is the first document, this command is grayed out and cannot be selected.



(Move Down One)

Moves the selected print document one down from its current position.

If the currently selected document is the last document, this command is grayed out and cannot be selected.



(Move to Last)

Moves the selected print document to the end of the document list.

If the currently selected document is the last document, this command is grayed out and cannot be selected.



(Undo)

Reverses the previous change.

If the change cannot be reversed, this function is grayed out and cannot be selected.



(Delete Page)

Deletes the currently selected page.

If page layout printing is set, the pages enclosed with red frame will be deleted.

Document list

Displays the list of the print documents.

The document selected in the document list becomes the target for preview display and editing.

Document Name

Displays the name of the print document.

If you click the name of the selected print document, a text box is displayed, and you can rename the document to any name.

Pages

Displays the number of pages in the print document.

»» Important

- The number displayed in **Pages** and the output page count are different.
- To check the output page count, check the status bar at the bottom of the preview window.

Status

Displays the status of the print documents.

Documents that are undergoing data processing are displayed as **Processing data**.

»» Important

- Documents showing **Processing data** cannot be printed or edited.
Wait until the data processing ends.

Print Settings Area Screen

Allows you to check and change the print settings of the documents selected in the document list.

Print Settings Area is displayed on the right side of the preview window.

Page Information tab

The print settings are displayed for each page.

You can change the media type and paper source settings.

Printer Paper Size

Displays the paper size of the document to be printed.

Media Type

Allows you to select the media type of the document to be printed.

Paper Source

Allows you to select the paper source of the document to be printed.

Page Layout

Displays the page layout of the document to be printed.

Layout tab

You can specify settings for page layout printing.

To apply the specified settings, click **Apply**.

If the page layout print settings cannot be changed for the print document, the individual items are grayed out and cannot be selected.

Manual Color Adjustment tab

This tab allows you to adjust the color balance by changing the settings of the **Cyan, Magenta, Yellow, Brightness, Intensity**, and **Contrast** options.

Cyan/Magenta/Yellow

Adjusts the strengths of **Cyan, Magenta**, and **Yellow**.

Moving the slider to the right makes a color stronger, and moving the slider to the left makes a color weaker.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

This adjustment changes the relative amount of ink of each color used, which alters the total color balance of the document.

Use your application software if you want to change the total color balance significantly. Use the printer driver only if you want to adjust the color balance slightly.

»» Important

- When **Grayscale Printing** is checked, **Cyan**, **Magenta**, and **Yellow** appear grayed out and are unavailable.

Brightness

Selects the brightness of your print.

Pure white and black will not change, but colors between white and black will change.

Intensity

Adjusts the overall intensity of your print.

Moving the slider to the right increases the intensity, and moving the slider to the left decreases the intensity.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Contrast

Adjusts the contrast between light and dark in the image to be printed.

Moving the slider to the right increases the contrast, moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Defaults

Restores all the settings you have changed to their default values.

Clicking this button restores all the settings on this tab to their default values (factory settings).

Grayscale Printing

Allows you to change the monochrome print settings.

Duplex Printing

Selects whether to print the document on both sides or one side of a sheet of paper.

If the duplex print settings cannot be changed for the print document, this item is grayed out and is unavailable.

»» Important

- When you select **Booklet** for **Page Layout**, **Duplex Printing** of the print settings area will be set automatically. In this case, **Duplex Printing** is grayed out and is unavailable.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

If the numbers of copies cannot be changed for the print document, this item is grayed out and is unavailable.

Exit

Ends the Canon IJ XPS Preview.

The documents remaining in the document list will be deleted from the list.

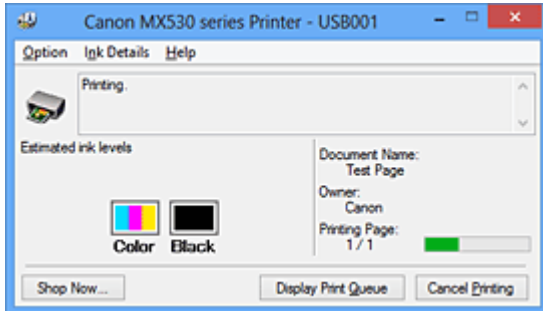
Print

Prints the documents selected in the document list.

The printed documents are deleted from the list, and when all documents are printed, the Canon IJ XPS Preview closes.

Canon IJ Status Monitor Description

The Canon IJ Status Monitor displays the status of the machine and the printing progress. The monitor uses graphics, icons, and messages to let you know the machine status.



Canon IJ Status Monitor Features

The Canon IJ Status Monitor offers the following advantages:

You can check the status of the machine on the screen.

The status of the machine is shown on the screen in real time.

You can check the printing progress of each printing document (print job).

Error types and solutions are shown on the screen.

Shown when a machine error occurs.

You can immediately check how to respond.

You can check the ink status.

This function displays graphics showing the FINE cartridge type and the estimated ink levels.

Icons and messages are displayed when ink is running low (ink level warning).

Canon IJ Status Monitor Overview

Canon IJ Status Monitor allows you to check the status of the machine and ink with graphics and messages.

You can check the information on the printing document and the printing progress during printing.

When a printer error occurs, it shows the cause and solution. Follow the instruction in the message.

Printer

Canon IJ Status Monitor shows an icon when a warning or error occurs to the machine.

! : Indicates that a warning (operator call error) has occurred or the machine is working.

✖ : There has been an error which requires a service.

FINE cartridge

Canon IJ Status Monitor shows an icon when a low ink warning or a no ink error occurs.

In addition, this function displays graphics showing the estimated ink levels of the FINE cartridge.

In this case, click the graphics to open the **Ink Details** dialog box. You can check the detail information such as the remaining ink level and the FINE cartridge types for your machine.

Document Name

Shows the name of the document to be printed.

Owner

Shows the owner's name of the document to be printed.

Printing Page

Shows the number of printing page and total printing pages.

Display Print Queue

Shows the print window used to manage the print job that is being printed or being in the print queue.

Cancel Printing

Cancels the current print job.

»» Important

- The **Cancel Printing** button is enabled only while print data is being sent to the machine. Once the print data has been sent, the button is grayed out and becomes unavailable.

Option Menu

If you select **Enable Status Monitor**, when a machine related message is generated the Canon IJ Status Monitor starts.

When **Enable Status Monitor** is selected, following commands are available.

Always Display Current Job

Displays the Canon IJ Status Monitor during printing.

Always Display on Top

Displays the Canon IJ Status Monitor in front of other windows.

Display Guide Message

Displays the guide for operations in which how to set paper is complicated.

Envelope Printing

Displays the guide message when envelope printing starts.

To hide this guide message, select the **Do not show this message again** check box.

To display the guide messages again, click **Envelope Printing** on the **Display Guide Message** in the **Option** menu and enable this setting.

Hagaki Printing

Displays the guide message before the printer begins hagaki printing.

To hide this guide message, select the **Do not show this message again** check box.

To display the guide messages again, click **Hagaki Printing** on the **Display Guide Message** in the **Option** menu and enable this setting.

How to load paper

Displays a guide message if the other guide is not displayed when the printer begins printing for media types other than plain paper.

To hide this guide message, select the **Do not show this message again** check box.

To display the guide messages again, click **How to load paper** on the **Display Guide Message** in the **Option** menu and enable this setting.

Display Warning Automatically

When a Low Ink Warning Occurs

Starts the Canon IJ Status Monitor window automatically and displays it in front of the other windows when a low ink warning occurs.

Start when Windows is Started

Starts the Canon IJ Status Monitor automatically when you start Windows.

Ink Details Menu

Select this menu to display the **Ink Details** dialog box. Check the detail information such as the remaining ink level and the FINE cartridge types for your machine.

Ink Details dialog box

This function displays graphics and messages showing the FINE cartridge type and the estimated ink levels.

Ink Information (displayed at left)

Shows the FINE cartridge types with graphics.

If a warning or error related to the remaining ink level occurs, the printer driver displays an icon to let you know.

If the icon is displayed, operate the printer according to the instructions displayed on the screen.

Message (displayed at right)

Shows information such as the ink status and ink colors with sentences.

Ink Model Number

Shows the FINE cartridge types for your machine.

Close

Closes the **Ink Details** dialog box to return to Canon IJ Status Monitor.

Help Menu

When you select this menu item, the Help window for Canon IJ Status Monitor is displayed, and you can check the version and copyright information.

Updating the MP Drivers

- [Obtaining the Latest MP Drivers](#)
- [Deleting the Unnecessary MP Drivers](#)
- [Before Installing the MP Drivers](#)
- [Installing the MP Drivers](#)

Obtaining the Latest MP Drivers

The MP Drivers include a printer driver, ScanGear (scanner driver), and fax driver.

By updating the MP Drivers to the latest version of the MP Drivers, unresolved problems may be solved.

You can access our website and download the latest MP Drivers for your model.

»» Important

- You can download the MP Drivers for free, but any Internet access charges incurred are your responsibility.
- Before installing the latest MP Drivers, [delete the previously installed version](#).

Related Topics

- [Before Installing the MP Drivers](#)
- [Installing the MP Drivers](#)

Deleting the Unnecessary MP Drivers

The MP Drivers which you no longer use can be deleted.

When deleting the MP Drivers, first exit all programs that are running.

The procedure to delete the unnecessary MP Drivers is as follows:

1. Start the uninstaller

- If you are using Windows 8, from the Desktop charms, select **Settings** -> **Control Panel** -> **Programs** -> **Programs and Features**.
From the program list, select "XXX MP Drivers" (where "XXX" is your model name) and then click **Uninstall**.
- If you are using Windows 7 or Windows Vista, select **Start** menu -> **Control Panel** -> **Programs** -> **Programs and Features**.
From the program list, select "XXX MP Drivers" (where "XXX" is your model name) and then click **Uninstall**.
- If you are using Windows XP, select **Start** menu -> **Control Panel** -> **Add or Remove Programs**.
From the program list, select "XXX MP Drivers" (where "XXX" is your model name) and then click **Remove**.

The confirmation window for uninstalling the model appears.

▶▶▶ Important

- In Windows 8, Windows 7, or Windows Vista, a confirmation/warning dialog box may appear when starting, installing or uninstalling software.
This dialog box appears when administrative rights are required to perform a task.
When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue.
Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

2. Execute the uninstaller

Click **Execute**. When the confirmation message appears, click **Yes**.

When all the files have been deleted, click **Complete**.

The deletion of the MP Drivers is complete.

▶▶▶ Important

- Printer driver, XPS printer driver, ScanGear (scanner driver), and fax driver will be deleted when you uninstall the MP Drivers.

Before Installing the MP Drivers

This section describes the items that you should check before installing the MP Drivers. You should also refer to this section if the MP Drivers cannot be installed.

Checking the Machine Status

- Turn off the machine.

Checking the Personal Computer Settings

- Terminate all running applications.
- In Windows 8, Windows 7, or Windows Vista, log on as a user who has the administrator account.
In Windows XP, log on as the computer administrator.

»» Important

- Before installing the latest MP Drivers, [delete the previously installed version](#).

Related Topics

- [Obtaining the Latest MP Drivers](#)
- [Installing the MP Drivers](#)

Installing the MP Drivers

You can access our web site through the Internet and download the latest MP Drivers and XPS printer driver for your model.

The procedure for installing the downloaded MP Drivers is as follows:

1. Turn off the machine

2. Start the installer

Double-click the icon of the downloaded file.

The installation program starts.

»»» Important

- In Windows 8, Windows 7, or Windows Vista, a confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task. When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue. Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

3. Install the MP Drivers

Take the appropriate action as described on the screen.

4. Complete the installation

Click **Complete**.

Depending on the environment you are using, a message prompting you to restart the computer may be displayed. To complete the installation properly, restart the computer.

»»» Important

- You can install the XPS printer driver with the same procedure for installing the MP Drivers. However, when installing the XPS printer driver, first complete installation of the MP Drivers.
- You can download the MP Drivers and XPS printer driver for free, but any Internet access charges incurred are your responsibility.
- Before installing the latest MP Drivers, [delete the previously installed version](#).

Related Topics

- [Obtaining the Latest MP Drivers](#)
- [Deleting the Unnecessary MP Drivers](#)
- [Before Installing the MP Drivers](#)

Printing Using the Operation Panel of the Machine

- ▶ **Printing Template Forms Such As Lined Paper or Graph Paper**

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](#)

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

- **Handwriting paper**

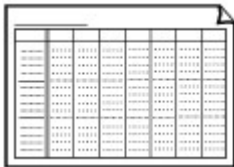


You can print handwriting paper.

Setting on the LCD:

Handwriting paper

- **Weekly schedule**

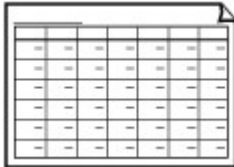


You can print a weekly schedule form.

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. Press the **Setup** button.
The **Setup menu** screen is displayed.
4. Use the ◀▶ button to 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.

6. Use the ◀▶ button to specify whether to perform two-sided printing, then press the **OK** button.
7. Use the ◀▶ button to specify the paper size, then press the **OK** button.

▶▶▶ **Note**

- The * (asterisk) on the LCD indicates the current setting.

8. Make sure that **Plain paper** is selected, then press the **OK** button.

▶▶▶ **Note**

- If any media type other than **Plain paper** is selected on the LCD, select **Plain paper** using the ◀▶ button.

9. Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the number of copies.
10. Press the **OK** button to start printing.

▶▶▶ **Note**

- You can also press the **Color** button or **Black** button to start printing.

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. Press the **Setup** button.

The **Setup menu** screen is displayed.

3. Use the ◀▶ button to select **Access point mode**, then press the **OK** button.

The machine enters the access point mode.

▶▶▶ Note

- If the machine receives a fax in the access point mode, the machine cancels the access point mode automatically after a certain time, then the machine switches to the fax mode.

If you want to continue to print with the access point mode, set the machine to the access point mode again.

4. 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, you can confirm the access point name and the details on the security setting by pressing the **OK** button.

Use the ◀▶ button to select a setting item to display, then press the **OK** button again.

- If **SSID** is selected:

The access point name specified for the machine is displayed.

When you specify the machine as a destination for wireless connection to an external device, assign the access point name specified for the machine.

- If **Security protocol** is selected:

The details on the security setting specified for the machine is displayed.

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.

5. Load paper on the machine.

6. 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.

7. Press the **Stop** button when printing is completed.

The machine exits from the access point mode.

Printing from a Bluetooth Compliant Device

- ▶ [Printing from Mobile Phone via Bluetooth Communication](#)

Printing from Mobile Phone via Bluetooth Communication

This section describes the procedure to print photos through Bluetooth communication from a mobile phone with the optional Bluetooth Unit BU-30.

When printing from a mobile phone through Bluetooth communication, refer also to your mobile phone's instruction manual.

For the procedure to print through Bluetooth communication from the computer, refer to [About Bluetooth Communication](#).

▶▶▶ Note

- Mobile phones supporting OPP (Object Push Profile) or BIP (Basic Imaging Profile) can be used to print photos.

Depending on your mobile phone, you may not perform printing even if your mobile phone supports the profiles above. For information on the profiles your mobile phone supports, refer to your mobile phone's instruction manual.

1. Make sure that the machine is turned on.
2. Load paper.
3. [Attach the optional Bluetooth Unit BU-30](#).
4. Specify the setting of page size and media type and so on.
 1. Press the **Setup** button.

The **Setup menu** screen is displayed.
 2. Use the ◀▶ button to select **Device settings**, then press the **OK** button.
 3. Use the ◀▶ button to select **Mob. phone settings**, then press the **OK** button.

For details on the print setting:

■ Mob. phone settings

5. Start printing from a mobile phone.
 - For the device name, select the default value "Canon XXX series-1" (where "XXX" is your machine's name).
 - If you are required to input a passkey, input the default value "0000".

You can change the device name of the machine, passkey, and so on from the **Bluetooth settings** screen.

■ [Setting Bluetooth Printing](#)

▶▶▶ Note

- Communication is possible in a range of up to about 33 ft. / 10 m depending on the conditions below. Printing speed may vary depending on the following conditions:
 - Presence of obstacles between the communication equipment, and radio conditions.
 - Presence of magnetic fields, static electricity, or electromagnetic interference.

-Receiver sensitivity and antenna performance of the communication equipment.

- Video files cannot be printed.

- Depending on your mobile phone, data saved on a memory card may not be printed.

- **About transmittable data**

- Due to security settings on the mobile phone, downloaded content or photos downloaded from a URL attached to an E-mail cannot be printed.

- Depending on the size of a photo, it may take a while for this machine to start printing after starting wireless communication.

- Printed quality and orientation (portrait or landscape) are determined automatically according to the shot photo size.

- Depending on the photo size shot on the mobile phone, the edges of the image may be cut off when performing borderless printing; the margin size may change when printing with borders.

- If the photo file is over 1.8 MB in size, it may not be possible to send the file.

About Bluetooth Communication

- ▶ **Handling Precautions**
- ▶ **Preparation to Use the Bluetooth Unit**
- ▶ **Printing Data via Bluetooth Communication**
- ▶ **Basic Procedure for Printing via Bluetooth Communication**
- ▶ **Bluetooth Settings**
- ▶ **Specifications**

Handling Precautions

- ▶ [Shipping the Bluetooth Unit](#)

Shipping the Bluetooth Unit

The Bluetooth unit may not be used in countries or regions other than the country or region where it was purchased due to local laws and regulations. Please note that the use of the Bluetooth unit in such countries or regions may lead to penalties and that Canon should not be liable for such punishment.

Preparation to Use the Bluetooth Unit

- **Bluetooth Unit**
- **Attaching to and Removing from the Printer**

Bluetooth Unit

The Bluetooth Unit BU-30 (hereafter referred to as the Bluetooth unit) is an adaptor which can be used with a Canon IJ printer with Bluetooth interface.

By attaching the Bluetooth unit to a Canon IJ printer with Bluetooth interface, wireless printing from a Bluetooth enabled device, such as a computer or mobile phone, is possible.

▶▶▶ Note

- Communication is possible in a range of up to about 33 ft. / 10 m depending on the conditions below. Printing speed may vary depending on the following conditions:
 - Presence of obstacles between the communication equipment and radio wave conditions.
 - Presence of magnetic fields, static electricity or electromagnetic interference.
 - Software and operating system to be used.
 - Receiver sensitivity and antenna performance of the communication equipment.

Attaching to and Removing from the Printer

■ ■ [Attaching the Bluetooth Unit to the Printer](#)

■ ■ [Removing the Bluetooth Unit from the Printer](#)

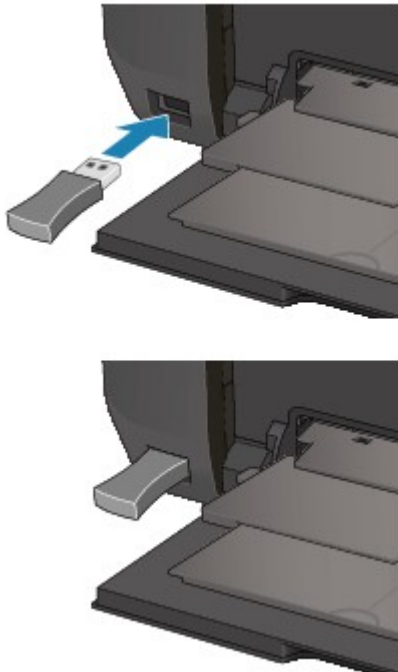
Attaching the Bluetooth Unit to the Printer

Attach the Bluetooth unit to the USB flash drive port of the printer in accordance with the following procedure.

Refer to Front View for the position of the USB flash drive port.

1. Make sure that the printer is turned on.
2. Insert the Bluetooth unit to the USB flash drive port of the printer.

Detach the cap from the Bluetooth unit. Store the cap in a safe location.



▶▶▶ Note

- When the Bluetooth unit is properly attached to the printer, the message is displayed on the LCD.

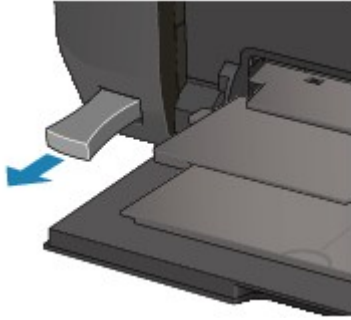
Removing the Bluetooth Unit from the Printer

Remove the Bluetooth unit from the USB flash drive port of the printer in accordance with the following procedure.

1. Remove the Bluetooth unit from the USB flash drive port of the printer.

▶▶▶ Important

- Make sure that the lamp on the Bluetooth unit is neither lit nor flashing before you remove the Bluetooth unit.



»» Important

- Store the Bluetooth unit with the cap attached.

Printing Data via Bluetooth Communication

- Preparation
- Installing the MP Drivers
- Checking the Device Name of the Printer
- Registering the Printer
- Deleting the Printer

Preparation


In order to print via Bluetooth communication with Windows, the following system requirements must be satisfied.

- **Computer**

A computer in which an internal Bluetooth module is installed or a computer to which an optional Bluetooth adapter (available from various manufacturers) is attached.

- **OS**

Microsoft Windows 8 (Satisfying any one of the following conditions is needed)

- **The  Bluetooth Devices icon is displayed on the notification area on the desktop**
- **Bluetooth Stack for Windows by Toshiba Version 9.10.00 or later is installed**

Microsoft Windows 7 (Satisfying any one of the following conditions is needed)

- **Add a Bluetooth Device is displayed in Hardware and Sound under Control Panel**
- **Bluetooth Stack for Windows by Toshiba Version 7.00.00 or later is installed**

Microsoft Windows Vista (Satisfying any one of the following conditions is needed)

- **Bluetooth Devices is displayed in Hardware and Sound under Control Panel**
- **Bluetooth Stack for Windows by Toshiba Version 5.10.04 or later is installed**

Microsoft Windows XP (Satisfying any one of the following conditions is needed)

- **Windows XP SP2 or later is installed, and Bluetooth Devices is displayed in Printers and Other Hardware under Control Panel**
- **Bluetooth Stack for Windows by Toshiba Version 3.00.10 or later is installed**


For more information about how to confirm the version of Bluetooth Stack for Windows by Toshiba, see

Check 2 Is unsupported Bluetooth driver used?

In order to connect the Bluetooth unit and print via Bluetooth communication, the following steps are required.

1. [Check that the Bluetooth unit is properly attached to the printer.](#)
2. [Install the MP Drivers.](#)
3. [Check the device name of the printer using the LCD.](#)
4. Register the printer for Bluetooth printing.

- **When using Windows 8, and when the  Bluetooth Devices icon is displayed on the notification area on the desktop**

Right-click the  **Bluetooth Devices** icon on the notification area on the desktop, then authenticate the printer as a Bluetooth device on **Add a Bluetooth Device**.

See [Registering the Printer](#).

- **When using Windows 7, and when Add a Bluetooth Device is displayed in Hardware and Sound under Control Panel**

Authenticate the printer as a Bluetooth device on **Add a Bluetooth Device** in **Hardware and Sound** under **Control Panel**.

See [Registering the Printer](#).

- **When using Windows Vista, and when Bluetooth Devices is displayed in Hardware and Sound under Control Panel**

Authenticate the printer as a Bluetooth device on **Bluetooth Devices** in **Hardware and Sound** under **Control Panel**.

See [Registering the Printer](#).

- **When using Windows XP SP2 or later, and when Bluetooth Devices is displayed in Printers and Other Hardware under Control Panel**

Authenticate the printer as a Bluetooth device on **Bluetooth Devices** in **Printers and Other Hardware** under **Control Panel**.

See [Registering the Printer](#).

- **The operations may vary depending on your operating program. In this case, refer to your computer's operation manual.**

Installing the MP Drivers

▶▶ Note

- If you use the printer connecting with a computer, the MP Drivers have already been installed. In this case, move to the next step.

■ [Checking the Device Name of the Printer](#)

Before connecting the Bluetooth unit to the printer for wireless printing, install the MP Drivers to your computer.

If you reinstall the MP Drivers, reinstall them with the Setup CD-ROM or reinstall them from our website.

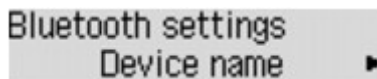
Checking the Device Name of the Printer

This section describes the procedures for checking the settings of the Bluetooth unit on the LCD of the printer in preparation for Bluetooth printing.

If you need more information about the Bluetooth settings, see [Setting Bluetooth Printing](#).

1. Make sure that the printer is turned on.
2. [Attach the Bluetooth unit](#).
3. Display the setting screen on the LCD.

Display the **Bluetooth settings** screen.

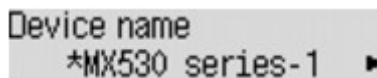


▶▶▶ Note

- If the **Bluetooth settings** screen is not displayed on the LCD, the Bluetooth unit may not be attached correctly. Remove the Bluetooth unit from the printer and attach it once again.
For details, see [Attaching to and Removing from the Printer](#).
If the **Bluetooth settings** screen is not yet displayed, the Bluetooth unit may be faulty. In this case, contact the service center.

4. Select **Device name**.

The **Device name** screen is displayed.



5. Check the device name.

The device name is necessary to register the printer as a Bluetooth device. Be sure to note the device name.

▶▶▶ Note

- If multiple printer units with the same model name are connected to the system, assigning a different device name to each printer is recommended for easy identification of the printer you will use. See [Device name Screen](#).

After checking the device name, use the **OK** button on the printer to finish setting.

After checking the Bluetooth settings using the LCD, register the printer on your computer.

■ [Registering the Printer](#)

Registering the Printer

Follow the procedure below to register the printer as a Bluetooth device.

►► Note

- Before registering the printer, enable the Bluetooth function of your computer.
For more information, refer to your computer's operation manual.
- If you want to re-register the printer as a Bluetooth device, first delete the registered printer, and then re-register it.

■ [Deleting the Printer](#)


The procedure to authenticate the computer may vary depending on the computer you are using.

■ [In Windows 8:](#)

■ [In Windows 7 or Windows Vista:](#)

■ [In Windows XP:](#)

In Windows 8:

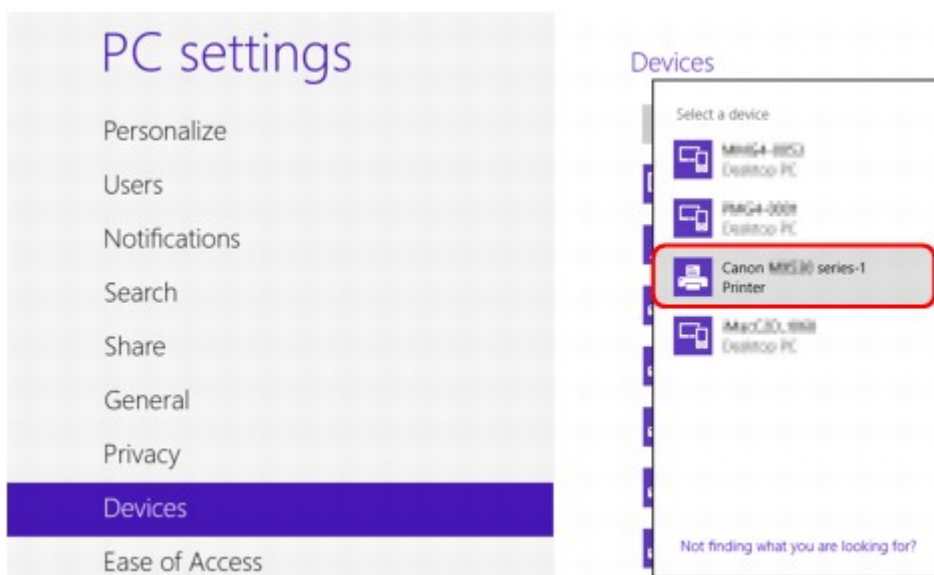
1. Log into a user account with the administrator privilege.
2. Right-click the  **Bluetooth Devices** icon on the notification area on the desktop, then select **Add a Bluetooth Device**.

The **PC settings** screen is displayed.

►► Note

- The screen is also displayed by selecting **Change PC settings** from the **Settings** charm on **Desktop**.

3. Select **Devices > Add a device**, then select the device name of the printer from the device list.



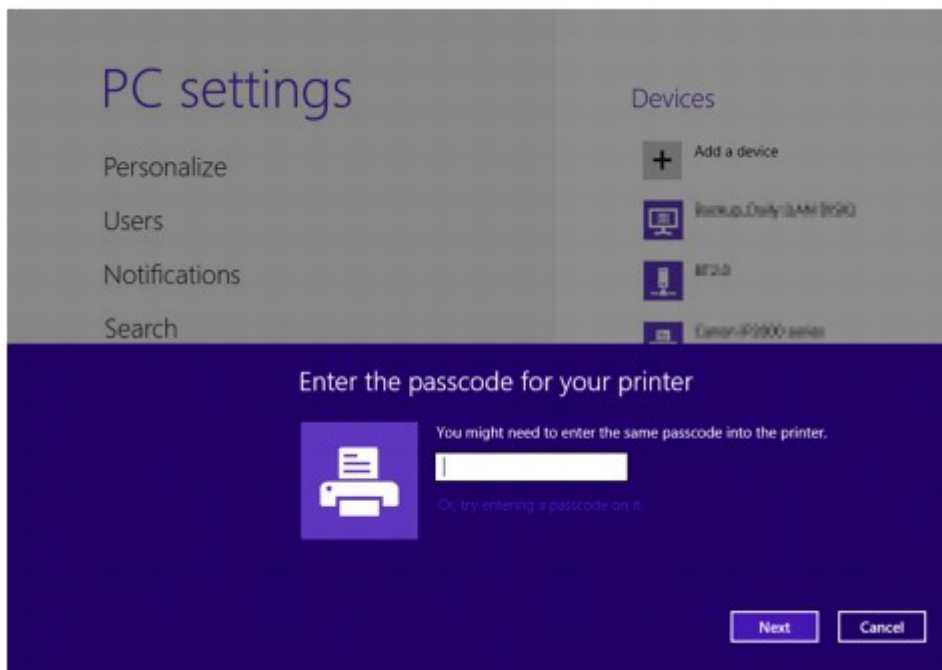
Select the same device name as that checked under [Checking the Device Name of the Printer](#).

➤➤➤ Note

- If the device name is not displayed, see [Check 3](#) Is the printer name which you want to register displayed in the Printer List?.

4. Enter the passcode (passkey), then click **Next**.

If you do not set a passkey on the printer, click **Next** without entering any characters.



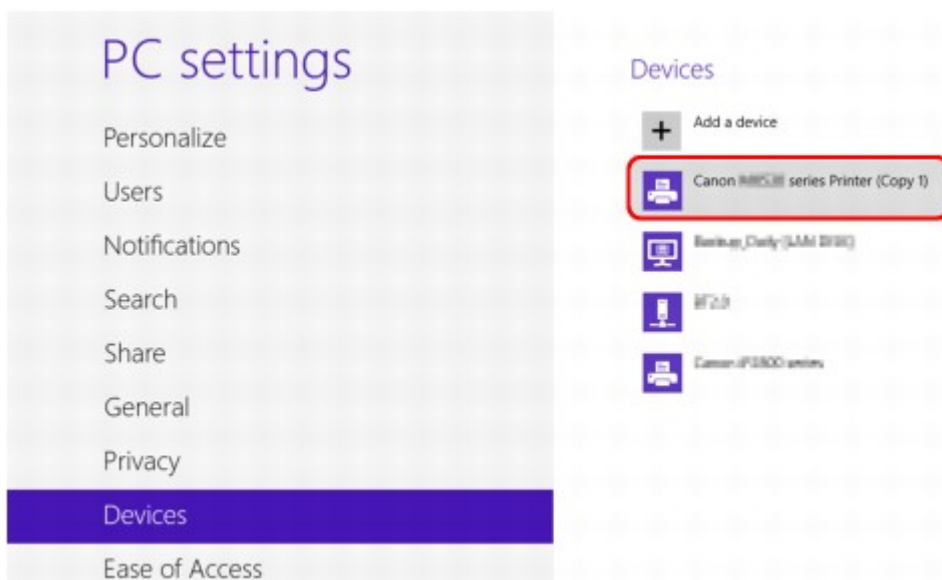
Printer registration is started.

➤➤➤ Note

- For more information about setting a passkey, see [Bluetooth settings Screen](#).

5. Make sure that the printer is added.

Make sure that the registered printer name is displayed on **Devices** on the **PC settings** screen.



»» Note

- You can also confirm that the printer is added on a screen. To display the screen, select **Control Panel** from the **Settings** charm on **Desktop > Hardware and Sound > Devices and Printers**.

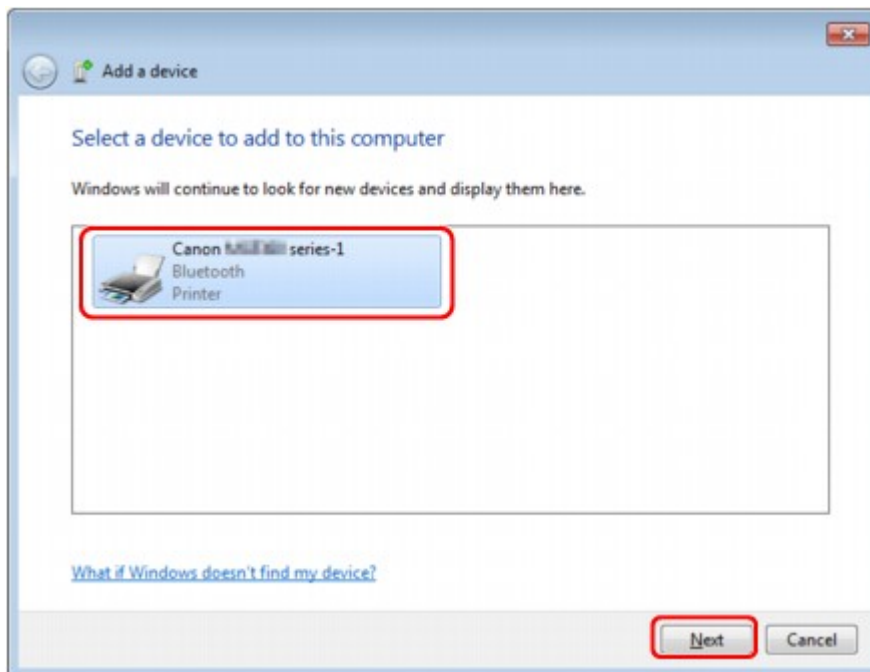
The registered printer icon and name are displayed.

Now, the settings for printing via Bluetooth communication are ready.

In Windows 7 or Windows Vista:

The following procedure is described using the screens in Windows 7.

1. Log into a user account with the administrator privilege.
2. Select items from **Control Panel** as shown below.
 - In Windows 7, click **Control Panel**, then **Add a Bluetooth Device** under **Hardware and Sound**.
 - In Windows Vista, click **Control Panel**, **Bluetooth Device** under **Hardware and Sound**, then **Add Wireless Device**.
3. Select the device name of the printer and click **Next**.

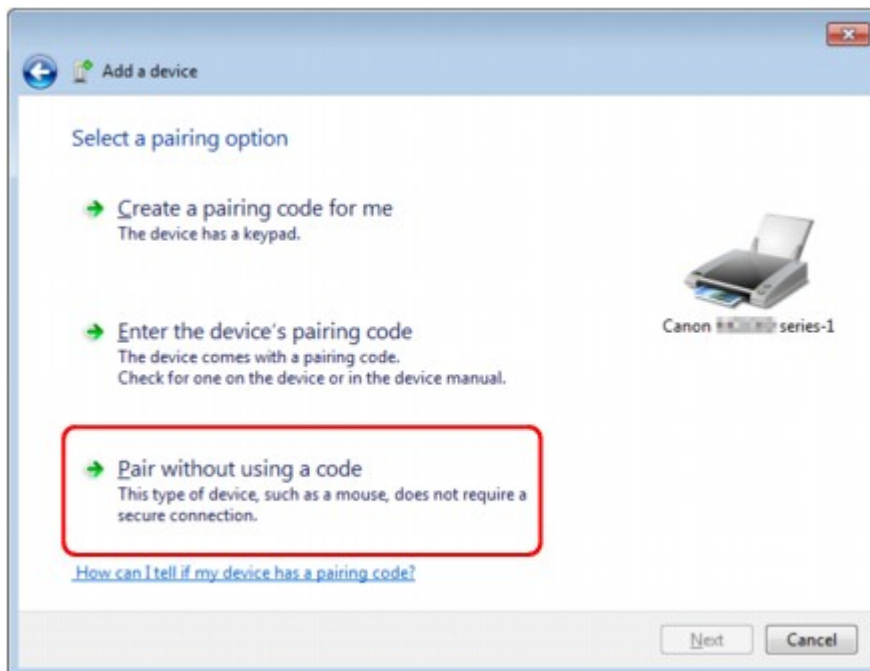


Select the same device name as that checked under [Checking the Device Name of the Printer](#).

»» Note

- If the device name is not displayed, see **Check 3** Is the printer name which you want to register displayed in the Printer List?.

4. Select **Pair without using a code**.



When registering this printer, **Connecting with this device (Pairing with this wireless device in Windows Vista)** is displayed.

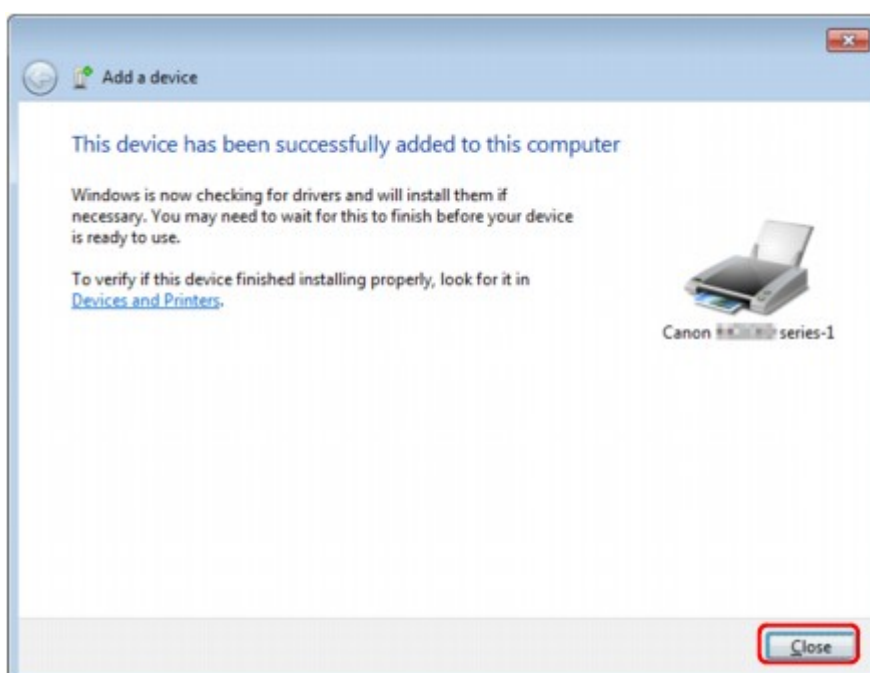
➤➤➤ Note

- If you set a passkey on the printer, select **Enter the device's pairing code** and input the passkey, then click **Next**.

For more information about setting a passkey, see [Bluetooth settings Screen](#).

5. Make sure that the printer is added.

- In Windows 7, when **This device has been successfully added to this computer** is displayed, click **Close**.
- In Windows Vista, when **This wireless device is paired with this computer** is displayed, click **Close**.



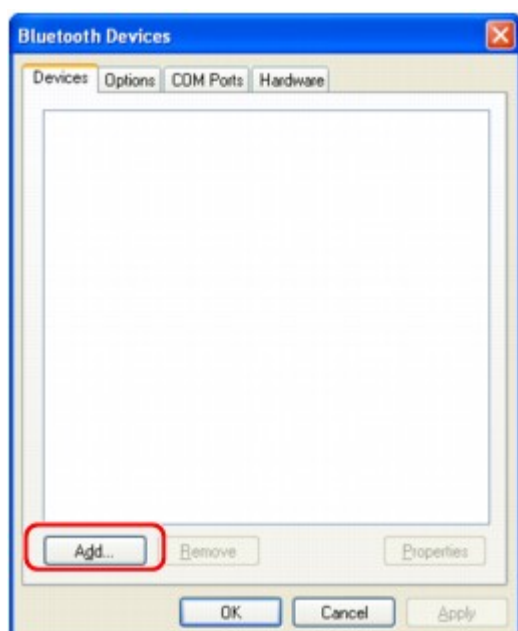
Now, the settings for printing via Bluetooth communication are ready.

►►► Note

- In Windows Vista, the **Windows needs to install driver software for your Bluetooth Peripheral Device** screen may be displayed automatically. In this case, click **Don't show this message again for this device**.

In Windows XP:

1. Log into a user account with the administrator privilege.
2. Click **Control Panel, Printers and Other Hardware**, then **Bluetooth Devices**.
3. Click **Add** on the **Devices** sheet.

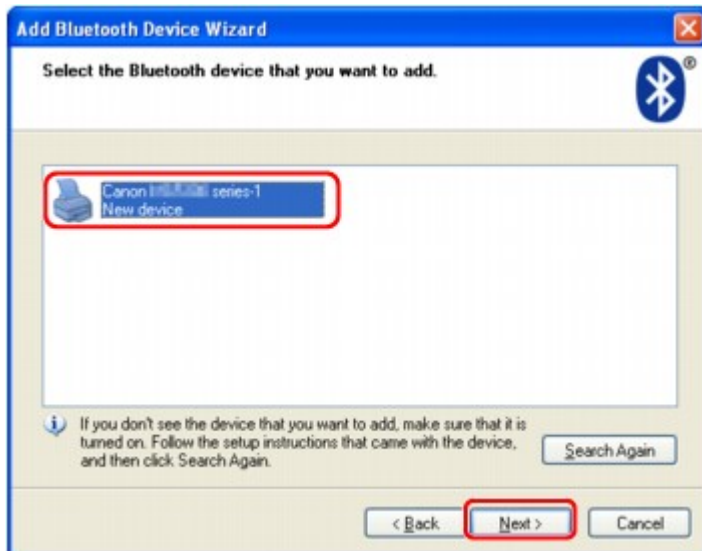


Add Bluetooth Device Wizard will start.

4. Make sure that the printer is turned on, check the **My device is set up and ready to be found** check box and then click **Next**.



5. Select the device name of the printer and click **Next**.

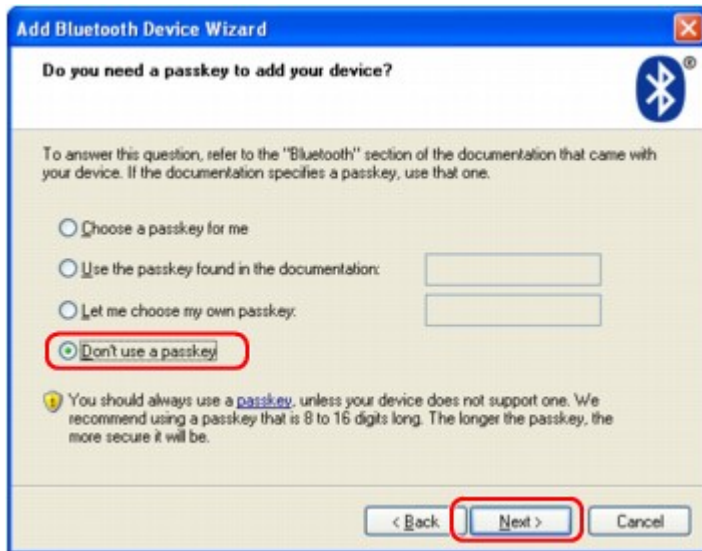


Select the same device name as that checked under [Checking the Device Name of the Printer](#).

►►► Note

- If the device name is not displayed, see [Check 3](#) Is the printer name which you want to register displayed in the Printer List?.

6. Select **Don't use a passkey**, and then **Next**.



➤➤➤ Note

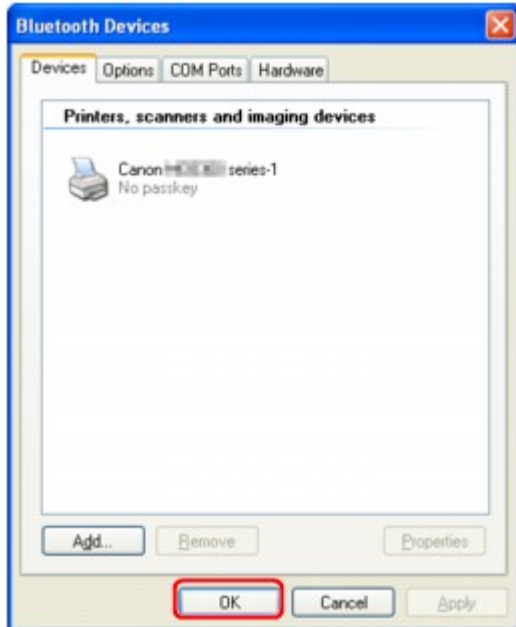
- If you set a passkey on the printer, select **Use the passkey found in the documentation** and input the passkey then click **Next**.

For more information about a passkey, see [Bluetooth settings Screen](#).

7. Click **Finish**.



8. Check that the device name selected at step 5 is registered on the **Devices** sheet, and click **OK**.



Now, the settings for printing via Bluetooth communication are ready.

Deleting the Printer

This section describes the procedure to delete the registered printer.

If you want to re-register the printer as a Bluetooth device, first follow the procedure below to delete the printer, and then re-register it.

For the procedure to re-register the printer, see [Registering the Printer](#).

1. Log into a user account with the administrator privilege.
2. Select items as shown below.
 - In Windows 8, select **Control Panel** from the **Settings** charm on **Desktop > Hardware and Sound > Devices and Printers**.
 - In Windows 7, click **Control Panel**, then **Devices and Printers** under **Hardware and Sound**.
 - In Windows Vista, click **Control Panel**, then **Printers** under **Hardware and Sound**.
 - In Windows XP, click **Control Panel**, then **Printers and Faxes** under **Printers and Other Hardware**.
3. Click the icon of the printer used for printing via Bluetooth communication.
4. Delete the printer as shown below.
 - In Windows 8 or Windows 7, select **Remove device**.
 - In Windows Vista, select **Delete** from the **Organize** menu.
 - In Windows XP, select **Delete** from the **File** menu.

- **In Windows Vista or Windows XP:**

Continue following the procedure below to delete the printer from **Bluetooth Devices**.

- In Windows Vista:
 1. Click **Control Panel**, then **Bluetooth Devices** under **Hardware and Sound**.
 2. Click the icon of the printer used for printing via Bluetooth communication.
 3. Select **Remove Wireless Device**.
- In Windows XP:
 1. Click **Control Panel**, then **Bluetooth Devices** under **Printers and Other Hardware**.
 2. On the **Devices** sheet click the icon of the printer used for printing via Bluetooth communication.
 3. Click **Remove**.

Basic Procedure for Printing via Bluetooth Communication

- **Printing with Computers**
- **Printing with Bluetooth Compliant Devices other than a Computer**

Printing with Computers

When using Bluetooth communication, also refer to the computer's instruction manual.

When printing from a Bluetooth compliant device other than a computer, see [Printing with Bluetooth Compliant Devices other than a Computer](#).

▶▶▶ Note

- Depending on your application software, operations may differ. For details, refer to your software application's instruction manual.

The steps described in this section are for printing in Windows 8.

- Bluetooth communication distance: Approx. 33 ft./10 m in normal environment.

The distance may vary depending on the radio conditions or the communication equipment.

1. Make sure that the printer is turned on.
2. [Attach the Bluetooth unit](#).
3. Load paper.
4. Create a document or open a file to print using an appropriate application software.
5. Open the printer properties dialog box.

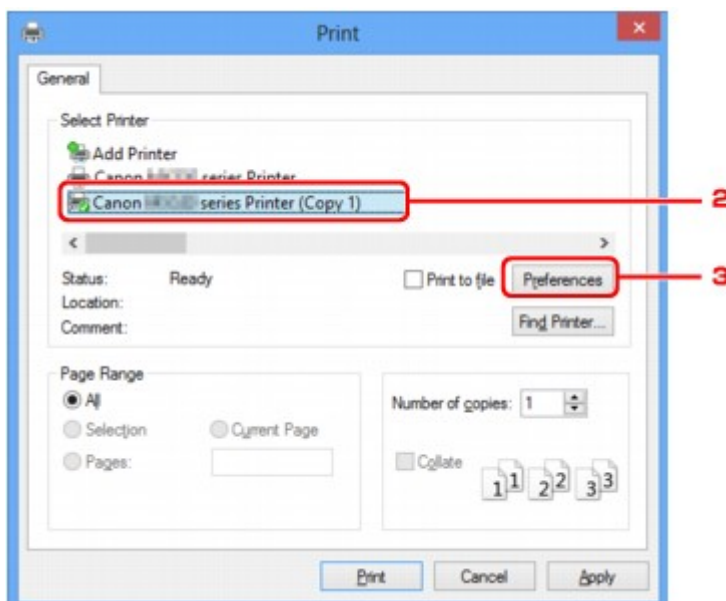
1. Select Print on the application software's **File** menu.

The **Print** dialog box opens.

2. Select the printer to which you attached the Bluetooth unit such as "Canon XXX series Printer (Copy X)" from **Select Printer**.

3. Click **Preferences** (or **Properties**).

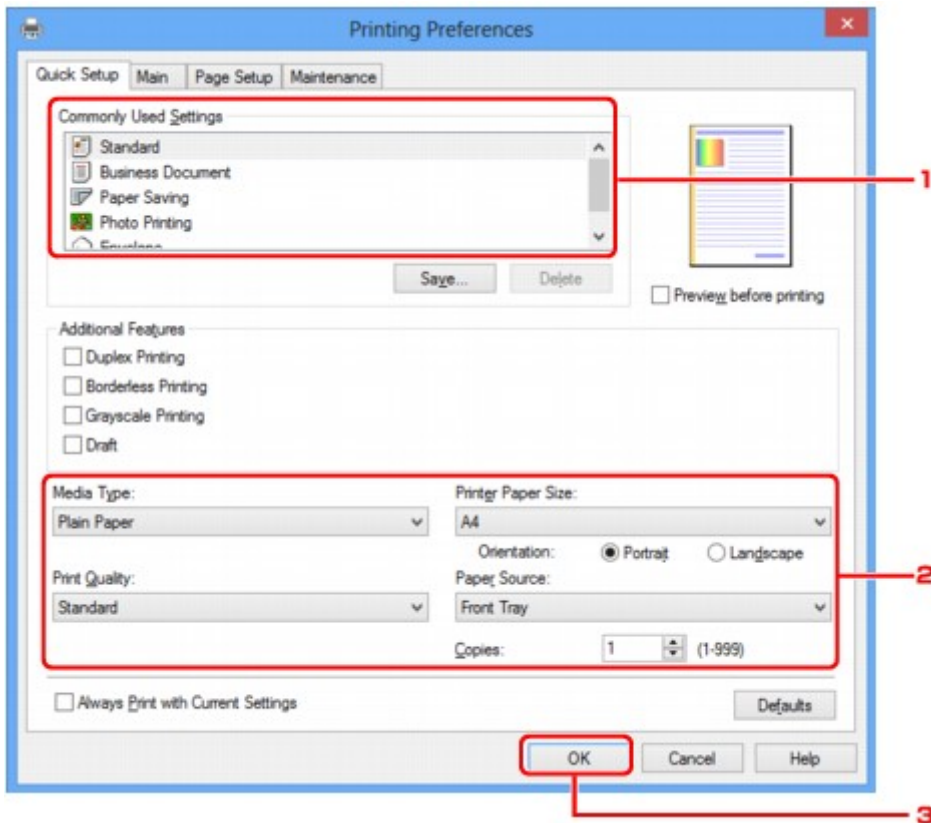
The **Quick Setup** sheet of the **Printing Preferences** dialog box is displayed.



»»» Note

- The printer registered for printing via Bluetooth communication is displayed as "Canon XXX series Printer (Copy X)".
- "X" is a device name or a digit. The number of digits may differ depending on the printer.

6. Specify the required settings.



1. Select the print setting in **Commonly Used Settings**.
2. Confirm the required print settings in **Media Type**, **Printer Paper Size**, and so on.

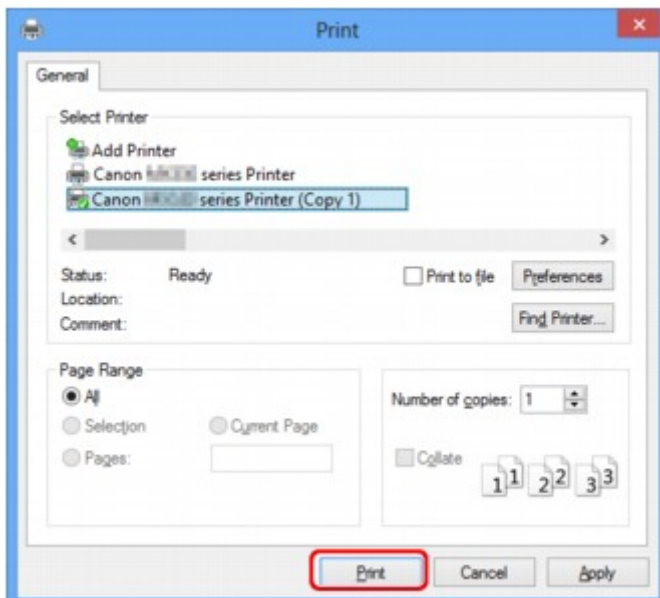
»»» Note

- You can specify the advanced print settings on **Main** sheet and **Page Setup** sheet. For details on the print settings, refer to [Various Printing Methods](#).

3. Click **OK**.

The **Print** dialog box is displayed.

7. Click **Print** (or **OK**) to print the document.



Printing begins.

▶▶▶ Note

- When you use a USB cable for printing, select "Canon XXX series Printer" from **Select Printer**.
- To cancel a print job in progress, use the **Stop** button on the printer or click **Cancel Printing** on the printer status monitor. After printing is canceled, a sheet of paper may be ejected with no printing results.
To display the printer status monitor, click "Canon XXX series Printer (Copy X)" on the taskbar.
- "X" is a device name or a digit. The number of digits may differ depending on the printer.

Printing with Bluetooth Compliant Devices other than a Computer

The LCD of the printer allows you to perform settings for printing using Bluetooth compliant devices other than a computer.

When you print with one of these devices, also refer to your device's instruction manual.

When printing from a computer, see [Printing with Computers](#).

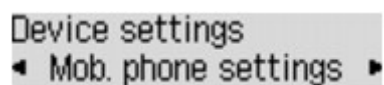
▶▶▶ Note

- Mobile phones, PDAs and digital cameras supporting OPP (Object Push Profile) or BIP (Basic Imaging Profile) can print photos.

Depending on your device, you may not perform printing even if your device supports the profiles above. For details of profiles, refer to your device's instruction manual.

1. Make sure that the printer is turned on.
2. [Attach the Bluetooth unit](#).
3. Load paper.
4. Display the setting screen on the LCD of the printer.

Display the **Mob. phone settings** screen.



5. Specify the media type and the paper size.
 - Mob. phone settings
6. Start printing from the Bluetooth compliant device.

When you select the device name, select the initial value of the printer "Canon MX530 series-1".

If you are required to input the passkey, input the initial value "0000".

You can change the device name of the printer or passkey on the **Bluetooth settings** screen on the LCD.

■ [Setting Bluetooth Printing](#)

Bluetooth Settings

- ▶ [Setting Bluetooth Printing](#)
- ▶ [Bluetooth settings Screen](#)

Setting Bluetooth Printing

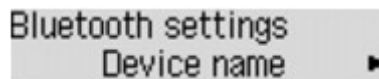
1. Make sure that the printer is turned on.
2. [Attach the Bluetooth unit.](#)

▶▶▶ Note

- When the Bluetooth unit is properly attached to the printer, the message is displayed on the LCD.

3. Display the setting screen on the LCD.

Display the **Bluetooth settings** screen.

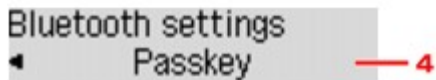
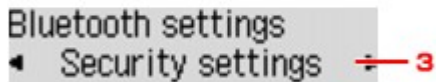
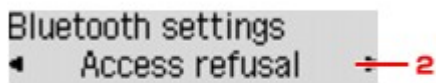
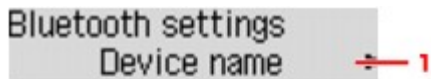


4. [Select the contents which you want to set on the LCD.](#)

▶▶▶ Note

- For information about how to set a media type and a paper size when printing from a mobile phone, refer to Mob. phone settings.

Bluetooth settings Screen



1. [Device name](#)

Displays the device name of the printer to which the Bluetooth unit is attached.

2. [Access refusal](#)

Selecting **ON** will disable searching of this printer by a Bluetooth-compatible device.

3. [Security settings](#)

Select **Enable** and then specify the security mode to activate the passkey set on the **Passkey** screen.

4. [Passkey](#)

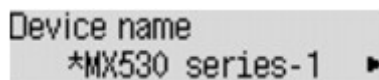
You can change the passkey. The passkey refers to an identification number to be determined. It is used to prevent unwanted access from other Bluetooth devices. The initial value is set to "0000".

Device name Screen

Allows you to set the device name of the printer on a Bluetooth device.

When you select **MX530 series-2**, the printer name displayed on the Bluetooth device is **Canon MX530 series-2**.

The initial value is set to **MX530 series-1**.



Access refusal Screen

When you search from a Bluetooth device, you can enable or disable the display of the printer name.

- **ON**

Disables searching from a Bluetooth device.

- **OFF (Default setting)**

Enables searching and printing from a Bluetooth device.

Security settings Screen

- **Enable**

Selecting **Enable** allows you to choose either of the security modes below.

- **Mode 3 (recommend)**

This mode is activated on link level enforced security.

The passkey will be required when a Bluetooth device communicates with the printer. Normally select this mode.

- **Mode 2**

This mode is activated on service level enforced security.

The passkey will be required when printing through the Bluetooth communication.

After setting the security mode, we recommend making a trial print through Bluetooth communication. If printing does not start, change the security mode and try again.

Setting a passkey will prevent unwanted access from other Bluetooth devices. You can change the passkey on the **Passkey** screen.

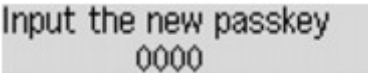
- **Disable (Default setting)**

When you register the printer, you are not required to input a passkey.

Passkey Screen


When you select **Enable** on the **Security settings** screen, you are required to set a passkey to register the printer on other Bluetooth devices.

After you change the passkey, you may be asked to input the passkey on the Bluetooth devices you were able to print from before the passkey was changed. In this case, input the new passkey.




Input the new passkey
0000

Specifications

Communication method	Bluetooth v2.0
Maximum Speed	1.44 Mbps
Output	Bluetooth Power Class 2
Communication distance	Line-of-sight distance: approx. 33 ft./10 m * * It may vary depending on factors including the presence of obstacles between communication equipment, radio wave conditions, the presence of magnetic fields around microwave ovens and locations where electrostatic and radio interference occur, the types of software and operating systems used, and receiver sensitivity and antenna performance of communication equipment.
Profile	SPP (Serial Port Profile) OPP (Object Push Profile) BIP (Basic Imaging Profile) HCRP (Hardcopy Cable Replacement Profile)
Compatible PCs	A computer in which an internal Bluetooth module is installed or a computer to which an optional Bluetooth adapter (available from various manufacturers) is attached. OS/Software: Microsoft Windows 8 (Satisfying any one of the following conditions is needed) <ul style="list-style-type: none"> • The  Bluetooth Devices icon is displayed on the notification area on the desktop • Bluetooth Stack for Windows by Toshiba Version 9.10.00 or later is installed Microsoft Windows 7 (Satisfying any one of the following conditions is needed) <ul style="list-style-type: none"> • Add a Bluetooth Device is displayed in Hardware and Sound under Control Panel • Bluetooth Stack for Windows by Toshiba Version 7.00.00 or later is installed Microsoft Windows Vista (Satisfying any one of the following conditions is needed) <ul style="list-style-type: none"> • Bluetooth Devices is displayed in Hardware and Sound under Control Panel • Bluetooth Stack for Windows by Toshiba Version 5.10.04 or later is installed Microsoft Windows XP (Satisfying any one of the following conditions is needed) <ul style="list-style-type: none"> • Windows XP SP2 or later is installed, and Bluetooth Devices is displayed in Printers and Other Hardware under Control Panel • Bluetooth Stack for Windows by Toshiba Version 3.00.10 or later is installed
Frequency band	2.4 GHz band (2.400 GHz to 2.4835 GHz)
Power supply	Supplied from the USB flash drive port on the printer, DC 4.4 V to 5.25 V
Maximum power consumption	500 mW (MAX)
Operating temperature	5 to 35°C (41 to 95°F)
Operating humidity	10 to 90% RH (no condensation)

Dimensions (Width x Depth x Height)	18.5 (W) x 47.5 (D) x 8.7 (H) mm (with cap attached) 0.73 (W) x 1.87 (D) x 0.35 (H) inches
Weight	Approx. 7 g (0.25 oz)

Copying

- **Making Copies**  **Basic**
- **Setting Items for Copying**
- **Reducing or Enlarging a Copy**
- **Two-Sided Copying**
- **About Special copy Menu**
- **Copying Two Pages to Fit onto a Single Page**
- **Copying Four Pages to Fit onto a Single Page**
- **Copying Thick Originals Such as Books**
- **Copying without Borders**
- **Collated Copying**

Making Copies

This section describes the basic procedure to perform standard copying.

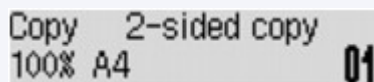


1. Make sure that the machine is turned on.
2. Load paper.
3. Press the **COPY** button.

The Copy standby screen is displayed.

▶▶▶ Note

- When **ON** is selected for **Copy** on **ECO (2-sided)**, the Two-sided copy standby screen is displayed as shown below. You can copy two original pages or a two sided page onto the both sides of a single sheet of paper.



Follow the procedure below to deactivate two-sided copying temporarily.

1. Press the **Menu** button.
2. Use the ◀▶ button to select **2-sided**, then press the **OK** button.
3. Use the ◀▶ button to select **OFF**, then press the **OK** button.

If you do not use two-sided copying as a default, change the copy setting from **ECO (2-sided)**.

■ About ECO settings

4. Load the original document on the platen glass or in the ADF.
5. Confirm the page size and magnification.



1. Magnification
2. Page size

▶▶▶ Note

- To change or confirm the page size, magnification, or other settings, press the **Menu** button, then use the ◀▶ button to display the desired setting item.

■ [Setting Items for Copying](#)

- Press the **COPY** button to reset the magnification to 100%.

6. Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the number of copies.

7. 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 or from the document output slot after copying is complete.

▶▶▶ Important

- If you load the original on the platen glass, do not open the document cover or remove the original while **Scanning...** is displayed on the screen.
- If you load the original in the ADF, do not move the original until copying is complete.

▶▶▶ Note

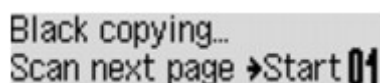
- To cancel copying, press the **Stop** button.
- If you load the original on the platen glass, you can add the copying job while printing.

■ [Adding the Copying Job \(Reserve copy\)](#)

Adding the Copying Job (Reserve copy)

If you load the original on the platen glass, you can add the copying job while printing (Reserve copy).

The screen below is displayed when you can reserve copy.



Black copying...
Scan next page → Start 01

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 **Image quality** is set **High**, or you load the original in the ADF, 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 reserv.** then press the **OK** button, you can cancel copying all scanned data. If you select **Cancel last reserv.**, then press the **OK** button, you can cancel the last copying job.
- If you set a document of too many pages to reserve copy, **Memory is full** may appear on the LCD. Press the **OK** button and wait a while, then try copying again.
- If **Try again** 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.

Setting Items for Copying

You can change the copy settings such as the page size, media type, and intensity.

Press the **Menu** button, use the ◀▶ button to select a setting item, then press the **OK** button.

Use the ◀▶ button to adjust each setting item, then press the **OK** button. The next setting item is displayed.

The LCD returns to the Copy standby screen when all the settings are complete.

▶▶▶ Note

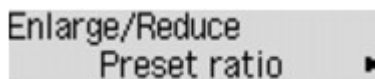
- The * (asterisk) on the LCD indicates the current setting.
- Some settings cannot be specified in combination with the setting of other setting items or the copy menu.
- The settings of the page size, media type, etc. are retained even if the machine is turned off.

• **Enlarge/Reduce**

Select the reduction/enlargement method.

■ [Reducing or Enlarging a Copy](#)

Ex:



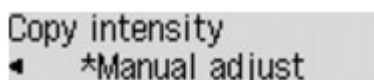
▶▶▶ Note

- This setting item is displayed under the following conditions.
 - When standard copying is selected
 - When **2-sided copy** or **Borderless copy** is selected for **Special copy**

• **Copy intensity**

Change the intensity.

Ex:



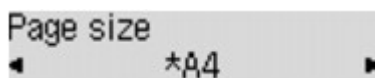
▶▶▶ Note

- If you select **Auto adjust**, load the original on the platen glass.
- If you select **Manual adjust**, use the ◀ button to decrease the intensity or the ▶ button to increase it.

• **Page size**

Select the page size of the loaded paper.

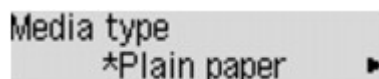
Ex:



- **Media type**

Select the media type of the loaded paper.

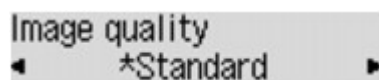
Ex:



- **Image quality**

Select the image quality according to the original.

Ex:



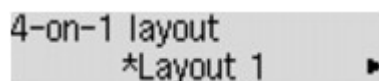
▶▶▶ **Note**

- If you use **Draft** with the media type set to **Plain paper** and the quality is not as good as expected, select **Standard** or **High** and try copying again.
- Select **High** to copy in grayscale. Grayscale renders tones in a range of grays instead of black or white.

- **4-on-1 layout**

Select the layout when copying four original pages onto a single sheet of paper by reducing each image. Four different layouts are available.

Ex:



▶▶▶ **Note**

- This setting item is displayed only when **4-on-1 copy** is selected for **Special copy**.
[■ Copying Four Pages to Fit onto a Single Page](#)

- **Collate**

Select whether to obtain sorted printouts when making multiple copies of a multi-paged original.

Ex:



▶▶▶ **Note**

- This setting item is displayed under the following conditions.
 - When standard copying is selected
 - When **2-sided copy** is selected for **Special copy**

- **2-sided**

Select whether to copy two original pages onto the both sides of a single sheet of paper.

Ex:

2-sided
*ON ▶

▶▶▶ Note

- This setting item is displayed under the following conditions.
 - When **2-sided copy** is selected for **Special copy**
■ [Two-Sided Copying](#)
 - When **ON** is selected for **Copy on ECO (2-sided)**
■ [About ECO settings](#)

• Stapling side

Select the stapling side.

Ex:

Stapling side
*Long side ▶

▶▶▶ Note

- This setting item is displayed under the following conditions.
 - When **2-sided copy** is selected for **Special copy**
■ [Two-Sided Copying](#)
 - When **ON** is selected for **Copy on ECO (2-sided)**
■ [About ECO settings](#)

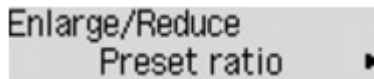
Reducing or Enlarging a Copy

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

In the copy mode, press the **Menu** button, use the ◀▶ button to select **Enlarge/Reduce**, then press the **OK** button.

Use the ◀▶ button to select the reduction/enlargement method, then press the **OK** button.

Ex:



▶▶▶ Note

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

• Preset ratio

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



Use the ◀▶ button to select a preset ratio to match the size of your original document and printing paper, then press the **OK** button.

• Magnification

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



Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the reduction or enlargement ratio (25 - 400%), then press the **OK** button.

▶▶▶ Note

- Press and hold the ◀ (-) ▶ (+) button to quickly advance through the ratios. For details, see Key repeat.

• Fit to page

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



▶▶▶ Note

- When you select **Fit to page**, the document size may not be detected correctly depending on the original. In this case, select **Preset ratio** or **Magnification**.
- When **Fit to page** is selected, load the document on the platen glass.

Two-Sided Copying

You can copy two original pages or a two-sided page onto the both sides of a single sheet of paper.

►► Note

- When **ON** is selected for **Copy on ECO (2-sided)**, Two-sided copying is set as a default.

■ About ECO settings

- When the original is vertical orientation and select **Long side** for **Stapling side**:



- When the original is vertical orientation and select **Short side** for **Stapling side**:



- When the original is horizontal orientation and select **Long side** for **Stapling side**:



- When the original is horizontal orientation and select **Short side** for **Stapling side**:



1. Make sure that the machine is turned on.
2. Load the plain paper.
3. Press the **COPY** button.

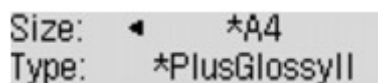
The Copy standby screen is displayed.

►► Note

- When **ON** is selected for **Copy on ECO (2-sided)**, pressing the **COPY** button displays the Two-sided copy standby screen.

4. Press the **Menu** button.
The **Copy menu** screen is displayed.
5. Use the ◀▶ button to select **Special copy**, then press the **OK** button.
6. Use the ◀▶ button to select **2-sided copy**, then press the **OK** button.

If a page size setting or a media type setting that cannot be used in two-sided copying is selected, the LCD displays the following message.



Size: ◀ *A4
Type: *PlusGlossyII

1. Use the ◀▶ button to select the page size, then press the **OK** button.
2. Use the ◀▶ button to select the media type, then press the **OK** button.

▶▶▶ Note

- When **ON** is selected for **Copy on ECO (2-sided)** and a page size setting or a media type setting that cannot be used in two-sided copying is selected, pressing the **COPY** button displays the message above on the LCD.

7. Specify the print settings and the stapling side.

Press the **Menu** button, then use the ◀▶ button to select a setting item.

Select **Stapling side**, press the **OK** button, then select **Long side** or **Short side** as the stapling side.

■ [Setting Items for Copying](#)

▶▶▶ Note

- The * (asterisk) on the LCD indicates the current setting.
- When **ON** is selected for **Collate**, two-sided copying can be used in combination with collated copying.

■ [Collated Copying](#)

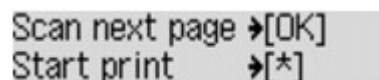
8. Load the original document on the platen glass or in the ADF.

9. Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the number of copies.

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

- When the document has been loaded on the platen glass:

When the machine finishes scanning the first page, the message below is displayed.



Scan next page →[OK]
Start print →[*]

If you have the next page to scan, load it on the platen glass and press the **OK** button. The machine starts copying.

If you do not need more scanning, press the tone button to start copying. The machine starts copying.

▶▶▶ Note

- You can add the copying job while printing.

■ [Adding the Copying Job \(Reserve copy\)](#)

- When the document has been loaded in the ADF:

The machine starts scanning the next sheet of document automatically after one sheet of document finishes being scanned.

»» Note

- If **Memory is full** appears on the LCD when scanning, set the image quality to **Standard** or reduce the number of sheets of documents, then try copying again. If the problem is not resolved, set the image quality to **Draft** and try copying again.
- If you are copying in black & white, print intensity of two-sided copying may differ from that of a single-sided copy.
- If you press the **COPY** button, two-sided copying is canceled and the copy mode returns to standard copying.

About Special copy Menu

The following menus are selectable in the **Special copy** menu.

- **2-sided copy**

You can copy two original pages onto the both sides of a single sheet of paper.

■ [Two-Sided Copying](#)

- **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](#)

- **Borderless copy**

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

■ [Copying without Borders](#)

- **2-on-1 copy**

You can copy two original pages onto a single sheet of paper by reducing each image.

■ [Copying Two Pages to Fit onto a Single Page](#)

- **4-on-1 copy**

You can copy four original pages onto a single sheet of paper by reducing each image.

■ [Copying Four Pages to Fit onto a Single Page](#)

▶▶▶ Note

• In addition to the copying method in the **Special copy** menu, the methods below are available.

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

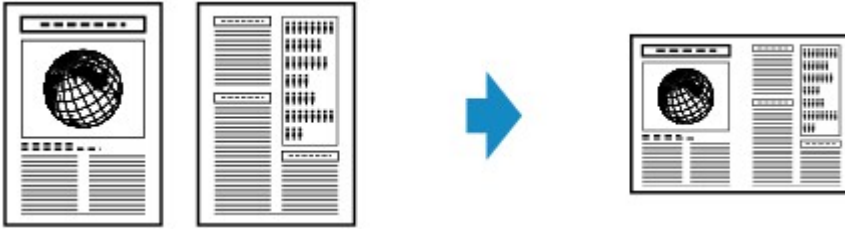
■ [Reducing or Enlarging a Copy](#)

- You can obtain sorted printouts when making multiple copies of a multi-paged original.

■ [Collated Copying](#)

Copying Two Pages to Fit onto a Single Page

You can copy two original pages or a two sided page onto a single sheet of paper by reducing each image.



1. Make sure that the machine is turned on.
2. Load paper.
3. Press the **COPY** button.
The Copy standby screen is displayed.
4. Press the **Menu** button.
The **Copy menu** screen is displayed.
5. Use the ◀▶ button to select **Special copy**, then press the **OK** button.
6. Use the ◀▶ button to select **2-on-1 copy**, then press the **OK** button.

If a page size setting or a media type setting that cannot be used in 2-on-1 copying is selected, the LCD displays the following message.

```
Size: ◀ *B5 ▶  
Type: *Plain paper
```

1. Use the ◀▶ button to select the page size, then press the **OK** button.
 2. Use the ◀▶ button to select the media type, then press the **OK** button.
7. Load the original document on the platen glass or in the ADF.
 8. Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the number of copies.

Change the print settings as necessary.

■ [Setting Items for Copying](#)

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

- When the document has been loaded on the platen glass:

When the machine finishes scanning the first page, the message below is displayed.

```
Scan next page →[OK]  
Start print →[*]
```

If you have the next page to scan, load it on the platen glass and press the **OK** button. The machine starts copying.

If you do not need more scanning, press the tone button to start copying. The machine starts copying.

▶▶▶ Note

- You can add the copying job while printing.

■ [Adding the Copying Job \(Reserve copy\)](#)

- When the document has been loaded in the ADF:

The machine starts scanning the next sheet of document automatically after one sheet of document finishes being scanned.

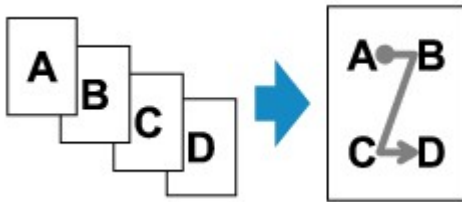
▶▶▶ Note

- If **Memory is full** appears on the LCD when scanning, set the image quality to **Standard** or reduce the number of sheets of documents, then try copying again. If the problem is not resolved, set the image quality to **Draft** and try copying again.

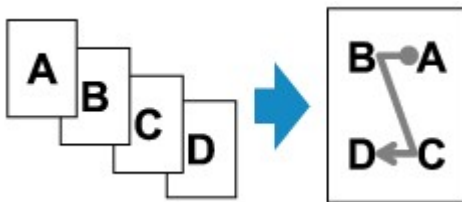
Copying Four Pages to Fit onto a Single Page

You can copy four original pages onto a single sheet of paper by reducing each image. Four different layouts are available.

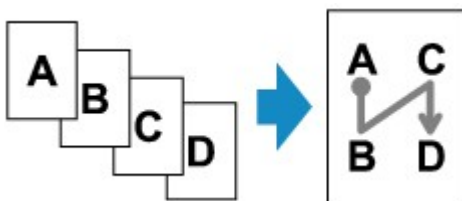
- When **Layout 1** is selected for **4-on-1 layout**:



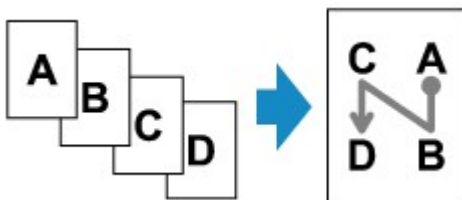
- When **Layout 2** is selected for **4-on-1 layout**:



- When **Layout 3** is selected for **4-on-1 layout**:



- When **Layout 4** is selected for **4-on-1 layout**:



1. Make sure that the machine is turned on.
2. Load paper.
3. Press the **COPY** button.
The Copy standby screen is displayed.
4. Press the **Menu** button.
The **Copy menu** screen is displayed.
5. Use the ◀▶ button to select **Special copy**, then press the **OK** button.
6. Use the ◀▶ button to select **4-on-1 copy**, then press the **OK** button.

If a page size setting or a media type setting that cannot be used in 4-on-1 copying is selected, the LCD displays the following message.



Size: ◀ *B5 ▶
Type: *Plain paper

1. Use the ◀▶ button to select the page size, then press the **OK** button.
2. Use the ◀▶ button to select the media type, then press the **OK** button.

7. Specify the print settings and the layout.

Press the **Menu** button, then use the ◀▶ button to select a setting item.

Select **4-on-1 layout**, press the **OK** button, then select the layout.

■ [Setting Items for Copying](#)

▶▶▶ Note

- The * (asterisk) on the LCD indicates the current setting.

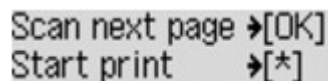
8. Load the original document on the platen glass or in the ADF.

9. Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the number of copies.

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

- When the document has been loaded on the platen glass:

When the machine finishes scanning the first to the third page, the message below is displayed.



Scan next page →[OK]
Start print →[*]

If you have the next page to scan, load it on the platen glass and press the **OK** button. The machine starts copying.

If you do not need more scanning, press the tone button to start copying. The machine starts copying.

▶▶▶ Note

- You can add the copying job while printing.

■ [Adding the Copying Job \(Reserve copy\)](#)

- When the document has been loaded in the ADF:

The machine starts scanning the next page automatically after a page finishes being scanned.

▶▶▶ Note

- If **Memory is full** appears on the LCD when scanning, set the image quality to **Standard** or reduce the number of sheets of documents, then try copying again. If the problem is not resolved, set the image quality to **Draft** and try copying again.

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. Press the **COPY** button.
The Copy standby screen is displayed.
4. Press the **Menu** button.
The **Copy menu** screen is displayed.
5. Use the ◀▶ button to select **Special copy**, then press the **OK** button.
6. Use the ◀▶ button to select **Frame erase copy**, then press the **OK** button.
7. Load the original document on the platen glass.

▶▶▶ Note

- When you use this function, load the original on the platen glass.

8. Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the number of copies.

Change the print settings as necessary.

■ [Setting Items for Copying](#)

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

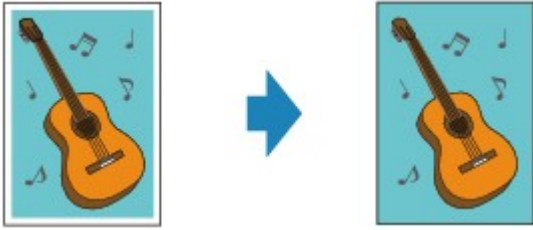
The machine starts copying.

▶▶▶ 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 so that they fill the entire page without borders.



1. Make sure that the machine is turned on.
2. Load the photo paper.
3. Press the **COPY** button.
The Copy standby screen is displayed.
4. Press the **Menu** button.
The **Copy menu** screen is displayed.
5. Use the ◀▶ button to select **Special copy**, then press the **OK** button.
6. Use the ◀▶ button to select **Borderless copy**, then press the **OK** button.

If a page size setting or a media type setting that cannot be used in borderless copying is selected, the LCD displays the following message.

```
Size: ◀ *A4 ▶  
Type: *Plain paper
```

1. Use the ◀▶ button to select the page size, then press the **OK** button.
 2. Use the ◀▶ button to select the media type, then press the **OK** button.
7. Load the original document on the platen glass.
▶▶▶ Note
 - When you use this function, load the original on the platen glass.
 8. Use the ◀ (-) ▶ (+) button or the Numeric buttons to specify the number of copies.
Change the print settings as necessary.
■ [Setting Items for Copying](#)
 9. Press the **Color** button for color copying, or the **Black** button for black & white copying.
The machine starts borderless 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 amt.

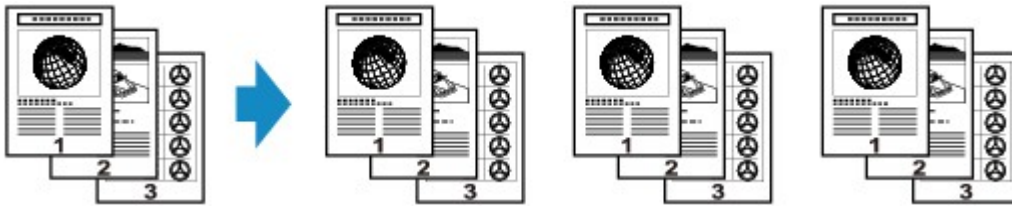
- For details on the paper size and the media type available for borderless copying:

■ Printing Area

Collated Copying

When you select **ON** for **Collate** on **Copy menu**, you can obtain sorted printouts when making multiple copies of a multi-paged original. In addition, you can copy originals on both sides of paper.

- When **ON** is selected:



- When **OFF** is selected:

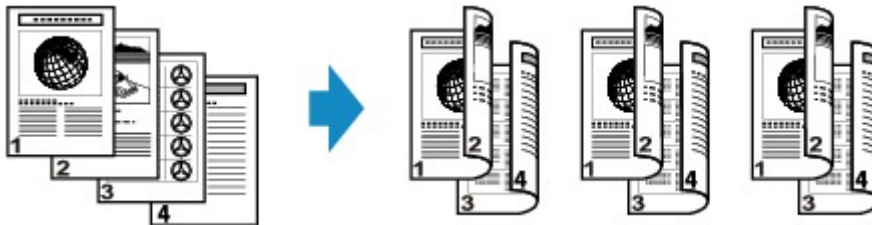


►►► Note

- When you use this function, load the original in the ADF.
- The number of pages the machine can read varies with the document. If **Memory is full** appears on the LCD when scanning, reduce the number of document pages to scan and try copying again.

Collated Copying in Combination with Two-Sided Copying

Collated copying is also available when two-sided copying is selected.



See [Two-Sided Copying](#) for two-sided copying.