Canon

Exif Print

Photo All-in-One

PIXMA MP140 series
Quick Start Guide

Getting Help from Canon

Help Us Help You Better
Before you contact Canon, please record the following information.

Serial Number (located on the inside of the product): _____

Model Number (located on the top of the product):_____

Setup CD-ROM number (located on the CD-ROM): _____

Purchase Date: _____

Customer Technical Support Sequence*

1. Internet — www.canontechsupport.com
For quick and comprehensive self-help in an intuitively guided interactive troubleshooting environment, the place to start is our helpful tech support web site. In addition, the latest driver downloads, answers to frequently asked questions, product information, and "where to buy" instructions are found here.

2. Email Tech Support — www.canontechsupport.com
For individual attention to a special issue, try emailing our friendly technical support representatives, specially trained to communicate quick, easy, and logical solutions to your inquiries within 24 hours.

3. Toll-Free Live Tech Support — (1-800-828-4040)
This option provides live telephone technical support, free of service charges, Monday-Saturday (excluding holidays), during your product's 90 days limited warranty period. Telephone Device for the Deaf (TDD) support is available at **(1-866-251-3752)**.

4. Extended Service and Support — www.canonesp.com
Canon CarePAK Extended Service Plan is a cost-attractive and easy-to-use extended service program that provides up to three full years of service and support coverage at a very attractive price. CarePAK offers toll-free Canon technical support and includes Canon's superb InstantExchange product replacement program. For further information about extending your Canon service and support, call **(1-800-385-2155)**, or visit our Web site at **www.canonesp.com**. CarePAK must be purchased during your product's warranty period.

For more information and updated program specifics, please visit our web site at **www.canontechsupport.com**.

Canon

PIXMA MP140 series

Photo All-in-One

Quick Start Guide

Canon PIXMA MP140 series Photo All-in-One Quick Start Guide.

Disclaimer

Canon U.S.A., Inc. has reviewed this manual thoroughly in order that it will be an easy-to-use guide to your Canon PIXMA MP140 series Photo All-in-One. All statements, technical information and recommendations in this manual and in any guides or related documents are believed reliable, but the accuracy and completeness thereof are not guaranteed or warranted, and they are not intended to be, nor should they be understood to be, representation or warranties concerning the products described.

Specifications are subject to change without notice.

As an ENERGY STAR® Partner, Canon Inc. has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

All information regarding non-Canon products was compiled from publicly available information. No representation is made regarding the accuracy thereof.

About Consumables

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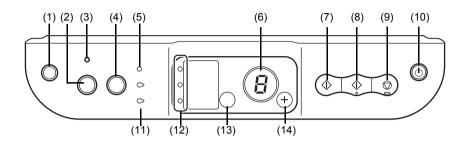
Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY 11042

Table of Contents

Before Using the Machine

Operation Panel

(1) ⚒ **(Maintenance) button**
Accesses the Maintenance menu.

(2) Fit to Page button
Enables/disables the Fit-to-Page copying.

(3) Fit-to-Page Lamp
Lights when Fit-to-Page copying is enabled.

(4) SCAN button
Opens the MP Navigator to scan a document to your computer according to the settings selected. To use this button, the machine must be connected to a computer.

(5) Alarm Lamp
Lights or flashes orange when an error, such as paper-out or ink-out, occurs.

(6) LED (Light Emitting Diode)
Displays the number of copies, Maintenance menu selections or the operational status.

(7) Black button*
Starts black & white copying. Also, press this button to confirm settings or operations.

(8) Color button*
Starts color copying. Also, press this button to confirm settings or operations.

(9) Stop/Reset button
Cancels the current operation and returns the machine to standby mode.

(10) ON/OFF button / POWER Lamp
Turns the machine on and off. Before turning on the machine, make sure the Document Cover is closed.

(11) Black/Color Ink Lamp
Lights or flashes to show the ink status.

(12) Paper Lamp
Displays the selected paper size and type for copying.

(13) Paper button
Switches the paper size and type for copying.

For information on how to switch between A4 and LTR paper sizes, see "Changing the Copy Settings" on page 13.

(14) + button

     Increases the number of copies.

* In the software applications or manuals, the **Black** and **Color** buttons are collectively called the **Start** or **OK** button.

📖 **Note**

POWER Lamp and Alarm Lamp

You can check the status of the machine by the **POWER** and **Alarm** lamps.

● **POWER** lamp off: The machine is off.
● **POWER** lamp lit green: The machine is ready to print.
● **POWER** lamp flashing green: The machine is getting ready to print, or printing is in progress.
● **Alarm** lamp lit orange: An error has occurred and the machine is not ready to print.

For details, see "An Error Code Is Displayed on the LED" on page 37.

● **POWER** lamp flashes green and **Alarm** lamp flashes orange alternately: An error that requires contacting your Canon Service representative may have occurred. For details, see "An Error Code Is Displayed on the LED" on page 37.

Turning the Machine On and Off

Turn on the machine before printing.

■ Turning On the Machine

Before turning on the machine, confirm the following.

- The FINE Cartridges are installed properly.
- The machine is connected to your computer (or a compatible device).
- The MP Drivers are installed.

> **📑 Note**
>
> If preparatory operations above are not complete, follow your setup sheet to complete them.

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1 Press the **ON/OFF** button.

The **POWER** lamp flashes and then remains lit green.

> **⊘ Important**
>
> If the **ALARM** lamp begins to flash orange, see "An Error Code Is Displayed on the LED" on page 37.

---

2 If you are using the machine connected to a computer, turn on your computer.

■ Turning Off the Machine

1 To turn off the machine, press the **ON/OFF** button.

When the **POWER** lamp stops flashing, the machine is turned off.

> **⊘ Important**
>
> **About the Power Plug**
> When removing the power plug after turing off the machine, be sure to confirm that the **POWER** lamp is not lit. If the power plug is removed from the wall outlet with the **POWER** lamp still lit or flashing green, the machine may become unable to print.
> See "Keeping the Best Printing Results" on page 31.

● To Save Energy

The LED goes out if the machine is not operated for about five minutes*.

Perform a print operation to restore the display.

*You cannot change the wait time before the LED goes out.

> **📑 Note**
>
> When you want to restore the display, perform a print operation or press any button except **ON/OFF** button. When you press the **ON/OFF** button while the machine is in Screen-saver mode, the machine turns off.

Handling Original Documents

This section describes how to load the original document on the Platen Glass.

■ Original Document Requirements

The original documents you load on the Platen Glass for copying or scanning must meet these requirements:

Document type	• Paper documents • Photographs • Books, catalogs, or magazines
Size (W x L)	Max. 8.5 x 11.7 inches / 216 x 297 mm
Thickness	Max. 0.79 inches / 20 mm

■ Loading Original Documents

Load originals to copy or scan on the Platen Glass.

📖 Note

Make sure any glue, ink, correction fluid, or the like on the original document is completely dry before loading it on the Platen Glass.

---

1 Load the original document on the Platen Glass.

(1) Lift the Document Cover.

(2) Load the original on the Platen Glass. Place the original face down on the Platen Glass.

Align the upper left corner of your original with the alignment mark as shown in the figure on the right.

⬤ **Important**

● Do not place any objects weighing more than 4.4 lb / 2 kg on the Platen Glass.
● Do not press or put weight on the original with pressure exceeding 4.4 lb / 2 kg.
  Doing so may cause the scanner to malfunction or the Platen Glass to break.

⬛ **Note**

● The machine cannot scan the area within approximately 0.04 inches / 1 mm of the front and
  right edges of the Platen Glass.
● You can also scan originals that are up to 0.79 inches / 20 mm thick, such as books. Set them
  on the Platen Glass in the same way as paper documents.

2 Gently close the Document Cover.

Loading Printing Paper

This section describes how to load printing paper in the Auto Sheet Feeder.

■ Using Specialty Media

Canon recommends that you use Canon genuine media to ensure optimal print quality.

● Photo Quality Media

- Glossy Photo Paper
- Matte Photo Paper
- Photo Paper Plus Double Sided
- Photo Paper Plus Glossy
- Photo Paper Plus Semi-gloss
- Photo Paper Pro
- Photo Stickers

● Media Suited for Business Documents

- High Resolution Paper

■ Paper Handling

● Recommended Paper and Requirements

Media Type	Model[1]	Paper Support Load Limit	Paper Output Tray Load Limit	Paper Thickness Lever[6]	Printer Driver Setting for Media Type
Plain Paper[7]	—	100 sheets	50	Left	**Plain Paper**
Envelopes[2]	—	10 envelopes	1	Right	**Envelope**
High Resolution Paper[2]	HR-101N	80 sheets	50	Left	**High Resolution Paper**
Super White Paper	SW-201	80 sheets	50	Left	**Plain Paper**
Glossy Photo Paper[3]	GP-401	A4, Letter, 5" x 7" / 127.0 x 177.8 mm, and 8" x 10" / 203.2 x 254.0 mm: 10 sheets 4" x 6" / 101.6 x 152.4 mm, Wide and Credit card: 20 sheets	[8]	Left	**Glossy Photo Paper**
Glossy Photo Paper "Everyday Use"[3]	GP-501			Left	**Glossy Photo Paper**
Matte Photo Paper	MP-101			Left	**Matte Photo Paper**
Photo Paper Glossy	GP-502			Left	**Glossy Photo Paper**
Photo Paper Plus Semi-gloss[3]	SG-101, SG-201			Left	**Photo Paper Plus Glossy**
Photo Paper Pro[3]	PR-101			Left	**Photo Paper Pro**
Photo Paper Plus Glossy[3]	PP-101			Left	**Photo Paper Plus Glossy**
Photo Paper Plus Double Sided[2][5]	PP-101D	1 sheet		Left	**Photo Paper Plus Double Sided**
Photo Stickers[4]	PS-101	1 sheet		Left	**Photo Paper Plus Glossy**
T-Shirt Transfers[2]	TR-301	1 sheet		Right	**T-Shirt Transfers**

*1 Paper with a Model Number is Canon specialty media. Refer to the instruction manual supplied with the paper for detailed information on the printable side and notes on handling paper. For information on the paper sizes available for each Canon genuine paper, visit our website. You may not be able to purchase some Canon genuine papers depending on the country or region of purchase. Paper is not sold in the US by Model Number. Purchase paper by name.

*2 Available only when printing from your computer.

*3 When loading paper in stacks, the print side may be marked as it is fed in or sheets may be stuck to one another causing them not to be fed properly. In this case, load one sheet at a time.

*4 You can specify the print setting easily by using the Easy-Photo Print provided with the *Setup CD-ROM*.

*5 This paper cannot be used in Macintosh®.

*6 If the corners or edges of the paper are smudged, try to print with the Paper Thickness Lever set to the right. It may improve print quality.
Reset the Paper Thickness Lever to the left when you finish printing.
For details on the Paper Thickness Lever, refer to "Inside View" in "Main Components" of the *User's Guide* on-screen manual.

*7 Proper feeding of paper may not be possible at the maximum capacity depending on the type of paper or environmental conditions (either very high or low temperature and humidity). In such cases, reduce the sheets of paper you load at a time to around half (around 0.2 inches / 5 mm in paper stack height).

*8 We recommend that you remove the previously printed sheet from the Paper Output Tray before continuously printing to avoid blurs and discoloration.

Important

- If you select "Photo Paper" when copying, use the following paper types for best printing results: GP-401, GP-501, GP-502, PP-101, SG-201.
- Put unused paper back into the package, and store them avoiding heat, humidity, and direct sunlight.
- Do not touch the printed surface nor stack the printed sheets until the ink is fixed.

Note

For a detailed description of printing media types, refer to "Printing Media" in the *User's Guide* on-screen manual.

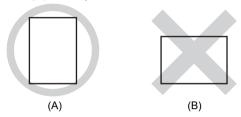## ● Media Types You Cannot Use

Do not use the following types of paper. Using such paper will not only produce unsatisfactory results, but can also cause the machine to jam or malfunction. Additionally, when printing on A5 or smaller sized paper, do not use paper thinner than a post card, including plain paper or notepad paper cut to a small size.

- Folded, curled, or wrinkled paper
- Damp paper
- Paper that is too thin (weighing less than 17 lb / 64 gsm)
- Paper that is too thick (plain paper, except for Canon genuine paper, weighing more than 28 lb / 105 gsm)
- Picture postcards
- Postcards affixed with photos or stickers
- Envelopes with double flaps
- Envelopes with sticker flaps
- Envelopes with an embossed or treated surface
- Envelopes with pressure seals
- Any type of paper with holes
- Paper that is not rectangular
- Paper bound with staples or glue
- Paper with adhesives
- Paper decorated with glitter, etc.

■ Loading Paper

🚫 Important

- If you cut plain paper to 4" x 6" / 101.6 x 152.4 mm, 5" x 7" / 127.0 x 177.8 mm, or 2.13" x 3.39" / 54.0 x 86.0 mm (credit card-size) for a trial print, it can cause paper jams.
- You cannot print on postcards affixed with photos or stickers.
- Always load paper in portrait orientation (A). Loading paper in landscape orientation (B) can cause the paper to be jammed.
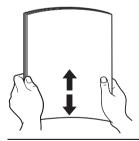

(A)   (B)

📖 Note

- We recommend using genuine Canon photo media when printing photographs. For details on the specialty media Canon provides for use with its various printers, refer to "Compatible Media Types" in the *User's Guide* on-screen manual.

When Printing on Plain Paper

- You can use general copy paper or Canon's Super White Paper. When printing on both sides, we recommend Canon's Super White Paper Double-Sided.
  Paper size:
  – Standard sizes: A4, B5, A5, Letter, and Legal
  – Non-standard sizes: 2.13" x 3.39" to 8.5" x 23" / 54.0 x 86.0 mm to 215.9 x 584.2 mm
  Paper weight: 17 to 28 lb / 64 to 105 gsm

---

1 Align the edges of the paper before loading it.
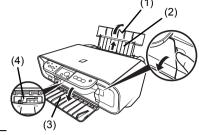
📖 Note

- Loading paper without aligning the edges may cause paper jams.
- If paper is curled, hold the opposing curled corners and gently bend them in the opposite direction until the paper becomes completely flat. See "Paper is curled." on page 45.
- To avoid curling, handle paper as follows.
  – Put unused paper back into the package and keep them on a level surface.
  – Take out only the necessary number of sheets from the package, just before printing.

2 Prepare to load paper.

(1) Open the Paper Support.

(2) Pull out the Paper Support Extension.

(3) Open the Paper Output Tray.

(4) Adjust the position of the Paper Thickness Lever.
Set it to the right when printing on envelopes or T-shirt transfers, and left when printing on any other type of paper. See "Paper Handling" on page 8.

📖 Note
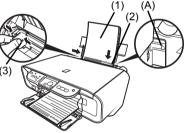
If the corners or edges of the paper are smudged, try to print with the Paper Thickness Lever set to the right. It may improve print quality.
Reset the Paper Thickness Lever to the left when you finish printing.
For details on the Paper Thickness Lever, refer to "Inside View" in "Main Components" of the *User's Guide* on-screen manual.

3 Load the paper.

(1) Load the paper in the Auto Sheet Feeder with the print side facing UP.

(2) Align the paper stack against the right side of the Auto Sheet Feeder.

(3) Pinch the Paper Guide and slide it against the left side of the paper stack.

* Do not load higher than the Load Limit Mark (A).

■ Loading Envelopes

Use either European DL or US Comm. Env. #10-sized envelope.

1 Load the envelopes against the right side of the Auto Sheet Feeder.

Load with the address side facing UP and the rear flaps DOWN on the left.

Up to 10 envelopes can be loaded at once.

2 Pinch the Paper Guide and slide it against the left side of the envelope.

3 Set the Paper Thickness Lever to the right.

(A) Printing orientation
(B) Make sure the flaps are folded.

> **📖 Note**
>
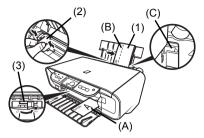> Reset the Paper Thickness Lever to the left when you finish printing. For details on the Paper Thickness Lever, refer to "Inside View" in "Main Components" of the *User's Guide* on-screen manual.

4 Specify the settings in the printer driver.

  (1) Select **Envelope** in **Media Type**.

  (2) Select the size for envelopes.
  In Windows®, select **DL Env.** or **Comm. Env. #10** in **Page Size**.
  In Macintosh, select **DL Envelope** or **#10 Envelope** in **Paper Size**.

  (3) Select **Landscape** in **Orientation**.

> **🚫 Important**
>
> Be sure to set the printer driver setting properly. If you do not, the address will be printed in the wrong direction.

> **📖 Note**
>
> For details on printer driver settings, see "Printing with Windows" on page 14 or "Printing with Macintosh" on page 15.

Copying

Making Copies

This section describes the basic procedure to make copies.

1 Turn on the machine and load paper.

2 Press the **+** button repeatedly to select the number of copies (max. 20 copies).

> 📖 **Note**
>
> By pressing the **+** button repeatedly, **F** will be displayed. The number of copies will be set as 20.

3 Press the **Paper** button repeatedly to select the paper size and type.

4 Load the original document on the Platen Glass.

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

Using Other Copy Functions

Fit-to-Page Copy

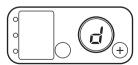Copies images so that they are automatically reduced or enlarged to fit the paper size.

Changing the Copy Settings

You can switch the default size for paper loaded in the Auto Sheet Feeder between A4 and Letter.

1 Press the **Maintenance** button repeatedly until **d** appears.

2 Press the **Black** button to select A4, or the **Color** button to select Letter as the default paper size.

Printing from Your Computer

This section describes the procedure for basic printing.

Printing with Windows

📖 Note
Depending on your application program, operations may differ. For details, refer to the instruction manual of your application.
The steps described in this section are for printing in Windows XP SP2.

1 Turn on the machine and load the paper in the machine.

2 Create a document or open a file to print using an appropriate application software.

3 Select **Print** on the application software's **File** menu.

4 Make sure that **Canon XXX Printer** (where "**XXX**" is your machine's name) is selected in **Select Printer**, and click **Preferences** (or **Properties**)**.**

5 Specify the required settings and click **OK**.

📖 Note
For details on the printer driver functions, click **Help** or **Instructions** to view the online help or the *Printer Driver Guide* on-screen manual. **Instructions** is only displayed when the on-screen manuals are installed.

6 Click **Print** (or **OK**).

Printing with Macintosh

📖 **Note**

Depending on your application program, operations may differ. For details, refer to the instruction manual of your application.
The steps described in this section are for printing in Mac OS X v.10.4.x.
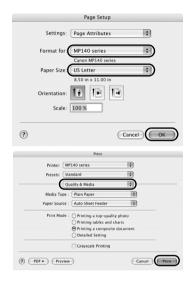
1 Turn on the machine and load the paper in the machine.

2 Create a document or open a file to print using an appropriate application software.

3 Select **Page Setup** on the application software's **File** menu.

4 Confirm that your machine's name is selected in **Format for**.

5 Select the desired paper size in **Paper Size**.

6 Click **OK**.

7 Select **Print** on the application software's **File** menu.

8 Select **Quality & Media** in the pop-up menu.

9 Specify the required settings.

> 📖 **Note**
>
> For details on the printer driver functions, click ⑦ to view the *Printer Driver Guide* on-screen manual. If the on-screen manuals are not installed, the *Printer Driver Guide* on-screen manual is not displayed even if ⑦ is clicked.

10 Click **Print**.

Scanning Images

You can scan images from the machine to a computer without printing them and save them in popular file formats, such as JPEG, TIFF, bitmap, or PDF. If you are scanning printed text, you can use the OCR (Optical Character Recognition) software to convert it to text data.

Scanning Methods

■ Scanning Using The MP Navigator

Using MP Navigator, you can scan originals loaded on the Platen Glass and view images saved on your computer. Scanned documents can be previewed and be easily printed and edited according to your needs.

You can use the bundled software applications to edit or print the document you have scanned.

For detailed operations of the MP Navigator, refer to the *Scanning Guide* on-screen manual.

■ Scanning Using the Operation Panel of the Machine

1 Turn on the machine.

2 Load the original document on the Platen Glass.

3 Press the **SCAN** button.

The MP Navigator opens.

📖 Note

The subsequent procedure varies depending on your settings. For details, refer to the *Scanning Guide* on-screen manual.

■ Scanning from an Application Software

You can scan an image from TWAIN- or WIA- (Windows XP only) compliant application software and handle the scanned image in the application software. For detailed operations, refer to the *Scanning Guide* on-screen manual.

Routine Maintenance

List of Maintenance Codes

To perform maintenance of the machine, press the **Maintenance** button repeatedly until the desired code is displayed on the LED, then press the **Black** or **Color** button.

Maintenance Code	Operation	See
A	Prints the nozzle check pattern.	"Printing the Nozzle Check Pattern" on page 19
H	Performs the Print Head Cleaning.	"Print Head Cleaning" on page 21
Y	Performs the Print Head Deep Cleaning.	"Print Head Deep Cleaning" on page 21
P	Prints the head alignment sheet.	"Aligning the Print Head" on page 22
U	Scans the head alignment sheet.	"Aligning the Print Head" on page 22
L	Prints the current head alignment setting.	"Aligning the Print Head" on page 22
b	Cleans the paper feed roller.	"Cleaning the Paper Feed Rollers (Roller Cleaning)" on page 33
J	Cleans the bottom plate.	"Cleaning the Bottom Plate (Bottom Plate Cleaning)" on page 33

When Printing Becomes Faint or Colors Are Incorrect

When printing becomes faint or colors are incorrect, the print head nozzles on FINE Cartridges are probably clogged. Print the nozzle check pattern to confirm the condition of the nozzles and then perform Print Head Cleaning.

If print results are not satisfactory, performing Print Head Alignment may improve print quality.

📖 Note

Before performing maintenance
- Make sure that the orange protective tape is removed from the bottom of a FINE Cartridge.
- Increase the **Print Quality** setting in the printer driver settings.
  See "Print Results Not Satisfactory" on page 42.

Step 1
See "Printing the Nozzle Check Pattern" on page 19.

If lines are missing or if white streaks appear

After cleaning the Print Head, print and examine the nozzle check pattern.

Step 2
See "Print Head Cleaning" on page 21.

If the problem is not resolved after performing Print Head Cleaning twice

Step 3
See "Print Head Deep Cleaning" on page 21.

If the problem is not resolved after performing Print Head Deep Cleaning twice

Step 4
See "Replacing a FINE Cartridge" on page 24.

📖 Note

If the straight line is misaligned or the Print Head position is misaligned, align the Print Head position. See "Aligning the Print Head" on page 22.

Printing the Nozzle Check Pattern

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles.

1 Make sure that the machine is on, load a sheet of A4 or Letter-sized plain paper in the Auto Sheet Feeder.

Set the Paper Thickness Lever to the left. For details on the Paper Thickness Lever, refer to "Inside View" in "Main Components" of the *User's Guide* on-screen manual.

2 Press the **Maintenance** button repeatedly until **A** appears.

3 Press the **Black** or **Color** button.

The nozzle check pattern is printed. Do not open the Scanning Unit (Printer Cover) while printing.

4 Examine the pattern and take the appropriate action.

See "Examining the Nozzle Check Pattern" on page 20.
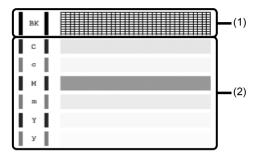
Examining the Nozzle Check Pattern

Examine the nozzle check pattern output by the machine, and clean the Print Head if necessary.
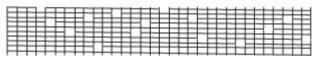
📖 Note

The nozzle check pattern will not be printed correctly if there is not enough ink. Replace the FINE Cartridge if the remaining amount of ink is insufficient.
See "Replacing a FINE Cartridge" on page 24.

(1) If lines of this pattern are missing, the print head nozzle needs cleaning.
Example: When lines are missing (Black ink)
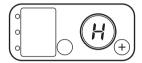
(2) If these patterns have white streaks, the print head nozzle needs cleaning.
Example: When white streaks appear (Color ink)

Print Head Cleaning

Clean the Print Head if lines are missing or if white streaks appear in the printed nozzle check pattern. Cleaning unclogs the nozzles and restores the print head condition. Note that cleaning the Print Head causes used ink to be absorbed in the ink absorber. Cleaning the Print Head consumes ink, so perform Print Head Cleaning only when necessary.

1 Make sure that the machine is on.

2 Press the **Maintenance** button repeatedly until **H** appears.

3 Press the **Black** or **Color** button.

> 📖 **Note**
> If normal Print Head Cleaning does not improve the print quality, perform Print Head Deep Cleaning. See "Print Head Deep Cleaning" on page 21.

Print Head Deep Cleaning

If print quality does not improve by standard Print Head Cleaning, try Print Head Deep Cleaning, which is a more powerful process. Note that cleaning the Print Head causes used ink to be absorbed in the ink absorber. Print Head Deep Cleaning consumes more ink than standard Print Head Cleaning, so perform this procedure only when necessary.

1 Make sure that the machine is on.

2 Press the **Maintenance** button repeatedly until **y** appears.

3 Press the **Black** or **Color** button.

> 📖 **Note**
> If Print Head Deep Cleaning does not improve the print quality, contact a Canon service representative.

Aligning the Print Head

If ruled lines are printed misaligned or print results are otherwise unsatisfactory, adjust the print head position.

1 Make sure that the machine is on, and then load a sheet of A4 or Letter-sized plain paper in the Auto Sheet Feeder.
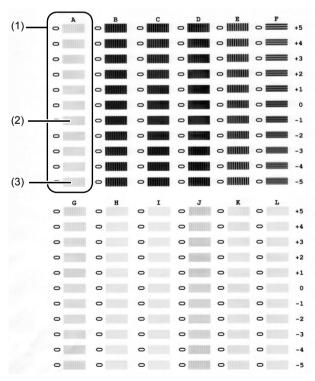
Set the Paper Thickness Lever to the left. For details on the Paper Thickness Lever, refer to "Inside View" in "Main Components" of the *User's Guide* on-screen manual.

2 Press the **Maintenance** button repeatedly until **P** appears.

3 Press the **Black** or **Color** button.

The machine prints the head alignment sheet.

4 Beginning from column A on the printout, fill in the appropriate circles (⊂⊃) with a dark pencil to select the most solid image.

(1) Column A

(2) Good example (Most solid box)

(3) Bad example (Least solid box)

5 Load the checked sheet on the Platen Glass.

When loading the checked sheet, place the front side down, and align the upper left corner of the sheet with the alignment mark on the lower right corner of the Platen Glass.

6 Press the **Maintenance** button repeatedly until **U** appears.

7 Press the **Black** or **Color** button.

The machine scans the pattern and aligns the Print Head automatically.

📖 **Note**

If you select **L** in step 2, the machine prints the current Print Head Alignment setting.

📖 **Note**

If adjustment was not successful, **E**, **1**, and **9** appear on the LED. For details, see "An Error Code Is Displayed on the LED" on page 37.

Replacing a FINE Cartridge

This section explains the way to confirm the ink status and the procedure to replace FINE Cartridges.

When ink runs out or other errors occur, the **Alarm** lamp lights orange and an error code appears on the LED. For details, see "An Error Code Is Displayed on the LED" on page 37.

When printing from your computer, error messages appear on your computer screen as well.

📖 Note
● If there is no improvement with the quality of printing following such maintenance as Print Head Cleaning, a FINE Cartridge is probably empty. When ink runs out, replace the FINE Cartridge. The machine will not print properly if the wrong type of FINE Cartridge is used, or if it is installed in the incorrect position.
● For information on compatible FINE Cartridges, refer to the back cover of the *Quick Start Guide*.

■ Getting the Ink Status Information

You can confirm the status of FINE Cartridges in the following two ways:

● "With the Ink Lamps" on page 25
● "With the Computer Screen" on page 26
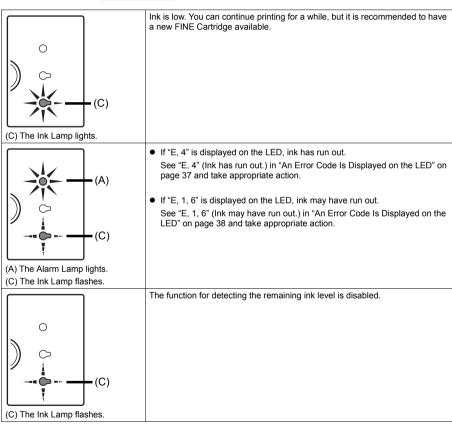
📖 Note
The ink level detector is mounted on the machine to detect the remaining ink level. The machine considers as ink is full when a new FINE Cartridge is installed, and then starts to detect a remaining ink level. If you install a used FINE Cartridge, the indicated ink level of it may not be correct. In such a case, refer to the ink level information only as a guide.

■ With the Ink Lamps
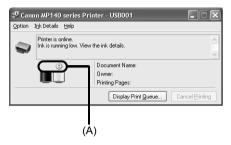
Make sure that the LED is on the standby mode. You can confirm the status of each cartridge by the ink lamps. The diagrams below indicate the status of a Color FINE Cartridge as an example. The **Black Ink** lamp lights or flashes to indicate the status of a Black FINE Cartridge.

(A) **Alarm** Lamp
(B) **Black Ink** Lamp
(C) **Color Ink** Lamp

 (C) The Ink Lamp lights.	Ink is low. You can continue printing for a while, but it is recommended to have a new FINE Cartridge available.

(A) The Alarm Lamp lights.
(C) The Ink Lamp flashes.
	● If "E, 4" is displayed on the LED, ink has run out.
	  See "E, 4" (Ink has run out.) in "An Error Code Is Displayed on the LED" on page 37 and take appropriate action.
	
	● If "E, 1, 6" is displayed on the LED, ink may have run out.
	  See "E, 1, 6" (Ink may have run out.) in "An Error Code Is Displayed on the LED" on page 38 and take appropriate action.

 (C) The Ink Lamp flashes.	The function for detecting the remaining ink level is disabled.

■ With the Computer Screen

You can confirm the status of FINE Cartridge on the printer status monitor (Windows) and Canon IJ Printer Utility (Macintosh).

(A) Confirm whether any symbols are displayed here.

⚠	Ink is low. You can continue printing for a while, but it is recommended to have a new FINE Cartridge available.
✕	Ink has run out. See "E, 4" (Ink has run out.) in "An Error Code Is Displayed on the LED" on page 37 and take appropriate action.
?	Ink may have run out. See "E, 1, 6" (Ink may have run out.) in "An Error Code Is Displayed on the LED" on page 38 and take appropriate action.
	The function for detecting the remaining ink level is disabled.

Follow the procedure below to open each of the confirmation screens.

Windows

(1) Open the printer properties dialog box.
See "Opening the Printer Properties Dialog Box Directly from the Start Menu" in the *User's Guide* on-screen manual.

(2) Click **View Printer Status** on the **Maintenance** sheet.
To confirm the FINE Cartridge information, click the **Ink Details** menu.

📖 Note

You can also display the **printer status monitor** by clicking **Canon XXX Printer** (where "XXX" is your machine's name) which appears on the taskbar during printing.

Macintosh

(1) Open the **Canon IJ Printer Utility**.
See "Opening the Canon IJ Printer Utility (Macintosh)" in the *User's Guide* on-screen manual.

(2) Select **Ink Level Information** in the pop-up menu.
To confirm the FINE Cartridge information, click **Ink Details**.

Setting of FINE Cartridges

If a FINE Cartridge runs out of ink, you can set the machine to print with either Color or Black FINE Cartridge only for a while. However the same printing quality cannot be expected compared to when printing with both cartridges. Canon recommends to use new genuine Canon cartridges in order to obtain optimum qualities.

You should perform this setting without removing the empty cartridge. If the FINE Cartridge is removed, an error occurs and you cannot print regardless of the Ink Cartridge Settings.

For information on how to configure this setting, refer to the *Printer Driver Guide* on-screen manual.
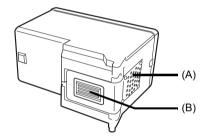
■ Replacing FINE Cartridges

When FINE Cartridges run out of ink, replace them using the following steps.

🚫 **Important**

Handling FINE Cartridges

● Do not touch the electrical contacts or Print Head Nozzles on a FINE Cartridge. The machine may not print out properly if you touch them.
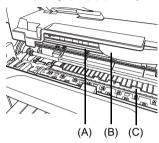

(A) Electrical Contacts

(B) Print Head Nozzles

● To maintain optimal printing quality, we recommend the use of specified Canon brand FINE Cartridges. Refilling ink is not recommended.
● Once you remove a FINE Cartridge, replace it immediately. Do not leave the machine with FINE Cartridges removed.
● Replace empty cartridges with new ones. If you insert FINE Cartridges that has been removed once, the machine may not print out properly due to some reasons such as clogging of the nozzles. Furthermore, with such cartridges, the Low Ink Warning may not be displayed properly.
● Once a FINE Cartridge has been installed, do not remove it from the machine and leave it out in the open. This will cause the FINE Cartridge to dry out, and the machine may not operate properly when it is reinstalled. To maintain optimal printing quality, use a FINE Cartridge within six months of first use.
● Color ink may be consumed even when printing a black-and-white document or when black-and-white printing is specified.
Color ink is also consumed in Print Head Cleaning and Print Head Deep Cleaning, which may be necessary to maintain the machine's performance. When a FINE Cartridge is out of ink, replace it immediately with a new one.
● When a FINE Cartridge runs out of ink, you can continue printing with either Black or Color ink only by changing **Ink Cartridge Settings**. For details, see "Setting of FINE Cartridges" on page 27.
Even when printing with one ink only, print with leaving the empty FINE Cartridge installed. If either of the Color FINE Cartridge or Black FINE Cartridge is not installed, the machine does not print.

1 Make sure that the machine is on, and then open the Scanning Unit (Printer Cover).

The FINE Cartridge Holder moves to the left.

Pull the Scanning Unit Support down into place.

⚠ Caution
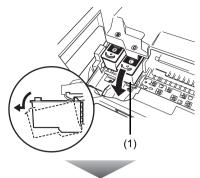
- Do not hold the FINE Cartridge Holder to stop or move it.
- Do not touch the transparent film (A), film cable (B), ink absorber (sponge part) (C), or any metal parts.

(A)   (B)   (C)

🔖 Important

If the Scanning Unit (Printer Cover) is left open for more than 10 minutes, the FINE Cartridge Holder moves to the right. Close and reopen the Scanning Unit (Printer Cover) to return the holder to the left.

2 Remove the empty FINE Cartridge.

(1) Push down the FINE Cartridge.

(1)
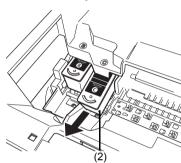
(2) Remove the FINE Cartridge.

![!] Important

- Handle FINE Cartridges carefully to avoid staining your clothes or surrounding work area.
- Discard empty FINE Cartridges according to the local laws and regulations regarding disposal of consumables.

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(2)
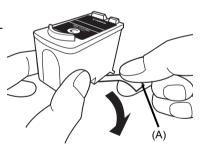
3 Prepare the replacement cartridge.

(1) Unpack a new FINE Cartridge and remove the protective tape (A) gently.

![!] Important

- Handle FINE Cartridges carefully to avoid staining your clothes or surrounding work area.
- Do not re-attach the protective tape once you have removed it. Discard it according to the local laws and regulations regarding disposal of consumables.
- Do not touch the electrical contacts or Print Head Nozzles on a FINE Cartridge. The machine may not print out properly if you touch them.
- Be careful not to stain your clothes and hands with ink on the removed protective tape.
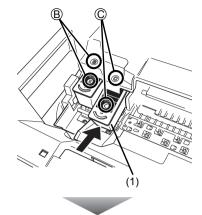
(A)

4 Install the FINE Cartridge.

(1) Insert a new FINE Cartridge all the way into the appropriate slot.
The Black FINE Cartridge should be installed into the left slot (Ⓑ) and the Color FINE Cartridge should be into the right slot (Ⓒ).

(1)
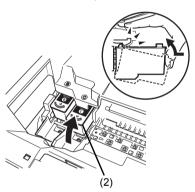
(2) Push up the FINE Cartridge until it clicks into place.

⊘ Important

The machine cannot be used unless both the FINE Cartridges are installed.

(2)

5 Close the Scanning Unit (Printer Cover).

Lift the Scanning Unit (Printer Cover) slightly and put the Scanning Unit Support back to its original position.

Then close the Scanning Unit (Printer Cover).

The FINE Cartridge Holder moves to the right.

📖 Note
● When you start printing after replacing the FINE Cartridge, Print Head Cleaning is performed automatically. Do not perform any other operations until Print Head Cleaning finishes.
● If the straight line is misaligned or the Print Head position is misaligned, align the Print Head position. See "Aligning the Print Head" on page 22.

Keeping the Best Printing Results

To avoid drying of the Print Head and clogging of the nozzles, note the following.

📖 Note
● If the printed area is traced with a highlight pen or paint-stick or stained with water or sweat, ink may blur depending on the paper.
● If the print head nozzles get clogged, printouts will become faint or particular colors will not be printed properly. For details, see "When Printing Becomes Faint or Colors Are Incorrect" on page 18.

■ When You Turn Off the Machine

Follow the procedure below to turn off the machine.

(1) Press the **ON/OFF** button to turn off the machine.

(2) Confirm that the **POWER** lamp has gone out.
This takes a few seconds or as long as around 20 seconds.

(3) Unplug the power cord from the wall outlet.
If you are using a power outlet strip, you can switch it off instead.

When you press the **ON/OFF** button to turn off the machine, the machine automatically puts a protective cap on the Print Head to prevent the ink from drying. If you remove the power cord or switch off the power outlet strip before the **POWER** lamp goes out, this capping will not be done properly, causing the Print Head to dry and clog.

■ When You Are Not Using the Machine for a Long Time

When you are not using the machine for a long time, print or copy in both black & white and in color, or perform Print Head Cleaning, about once a month to prevent degradation of the Print Head.

Numerous nozzles are installed in the Print Head for high-precision printing. Just as the uncapped tip of a ballpoint pen or marker becomes dry and unusable if it is not used for a long period of time, the print head nozzles become blocked by dried ink. Periodically printing or cleaning the Print Head can prevent this blockage.

Cleaning Your Machine

This section describes the cleaning procedures needed to maintain your machine.

> ⚠ **Caution**
> - Be sure to turn off the power and disconnect the power cord before cleaning the machine.
> - Do not use tissue paper, paper towels, or similar materials for cleaning. Paper tissue powders or fine threads may remain inside the machine and cause problems such as a blocked Print Head and poor printing results. Use a soft cloth to avoid scratching the components.
> - Never use volatile liquids such as thinners, benzene, acetone, or any other chemical cleaner to clean the machine; these can damage the machine's components.
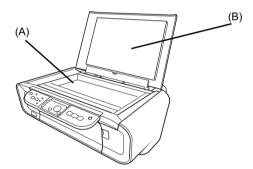
■ Cleaning The Platen Glass And Document Cover

Moisten a clean, soft, lint-free cloth and wring out excess water. Wipe the Platen Glass (A), and the inner side of the Document Cover (white sheet) (B). Then wipe with another clean, soft, dry, lint-free cloth, making sure not to leave any residue, especially on the Platen Glass.

> 🚫 **Important**
> The sheet (B) is easily damaged, so wipe it gently.
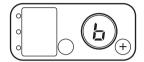
■ Cleaning The Exterior

Wipe the machine's exterior with a clean, soft, lint-free damp cloth.

■ Cleaning the Paper Feed Rollers (Roller Cleaning)

Clean the paper feed rollers if paper is not fed properly. Cleaning the Paper Feed Roller of the Auto Sheet Feeder consumes it, so perform this only when necessary.

1 Make sure that the machine is turned on, and then remove any paper from the Auto Sheet Feeder.

2 Press the **Maintenance** button repeatedly until **b** appears.

3 Press the **Black** or **Color** button.

4 Repeat steps 2 to 3 twice.

5 Open the Paper Output Tray.

6 Load three or more of A4 or Letter-sized plain paper in the Auto Sheet Feeder.

7 Repeat steps 2 to 3 three times.

The paper cleans the inside of the machine as it feeds through the machine.

> 📖 **Note**
> If there are no signs of improvement after performing the Roller Cleaning, contact a Canon service representative.

■ Cleaning the Inside of the Machine

If the printed paper is smudged, the inside of the machine may be dirty.

To always get best quality printing result, periodical cleaning of the inside of the machine is recommended.

You can clean this part in two ways:

- See "Cleaning the Bottom Plate (Bottom Plate Cleaning)" on page 33.
- See "Cleaning the Protrusions Inside the Machine" on page 35.

> 🚫 **Important**
> When using Photo Paper Plus Double Sided PP-101D, be sure to clean the inside of the machine before printing.
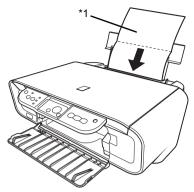
● Cleaning the Bottom Plate (Bottom Plate Cleaning)

This section describes how to clean the inside of the machine. If the inside of the machine becomes dirty, printed paper may get dirty, so we recommend performing cleaning regularly.

1 Make sure that the machine is turned on, and then remove any paper from the Auto Sheet Feeder.

2 Fold a single sheet of A4 or Letter-sized plain paper in half widthwise, and then unfold the paper.
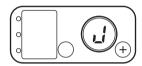
3 Load this and only this sheet of paper in the Auto Sheet Feeder with the open side to the front.

Set the Paper Thickness Lever to the left.

*1 Load the paper after unfolding it.

4 Press the **Maintenance** button repeatedly until **J** appears.

5 Press the **Black** or **Color** button.

The paper cleans the inside of the machine as it feeds through the machine.

If the ejected paper is smudged, clean the inside of the machine again.

If the problem is not resolved after performing cleaning again, the protrusions inside the machine may be stained. Clean them according to instructions. See "Cleaning the Protrusions Inside the Machine" on page 35.

● **Cleaning the Protrusions Inside the Machine**
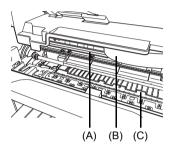
If protrusions inside the machine are stained with ink, clean the protrusions using a cotton swab or the like.
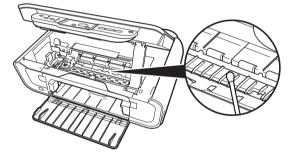
🚫 Important

Before cleaning the inner parts, be sure to turn the machine off.

⚠ Caution

Do not touch the transparent film (A), film cable (B), ink absorber (sponge part) (C), or any metal parts.

(A)　(B)　(C)

Troubleshooting

This section describes troubleshooting tips for problems you may encounter when using the machine.

📖 Note

This section mainly describes the methods of machine operation for troubleshooting. To handle problems using your computer, refer to "Troubleshooting" in the *User's Guide* on-screen manual. For details on how to view the on-screen manuals, see "Reading the On-screen Manuals" on page 54.

- "An Error Code Is Displayed on the LED" on page 37
- "The LEDs Cannot Be Seen At All" on page 39
- "Cannot Install the MP Drivers" on page 39
- "Cannot Connect to Computer Properly" on page 41
- "Print Results Not Satisfactory" on page 42
- "Printing Does Not Start" on page 47
- "Paper Does Not Feed Properly" on page 48
- "Paper Jams" on page 49
- "Error Message Appears on the Screen" on page 51

Windows

If an Error Occurs When the Machine Is Connected to a Computer

When an error occurs in printing such as the machine is out of paper or paper is jammed, a troubleshooting message is displayed automatically. Take the appropriate action described in the message.

The message may vary depending on the operating system version.

An Error Code Is Displayed on the LED

When an error occurs, the **Alarm** lamp lights orange, and **E** and an error code are alternately displayed on the LED. Take the action described in the table below to correct the error.

Error Code	Cause	Action
E, 2	The machine is out of paper. / Paper does not feed.	Reload paper in the Auto Sheet Feeder and press the **Black** or **Color** button.
E, 3	Paper jam.	The paper may be jammed. Remove the jammed paper, reload the paper in the machine correctly and then press the **Black** or **Color** button.
E, 4	Ink has run out.	Ink has run out. Replace the ink cartridge and close the Scanning Unit (Printer Cover). If printing is in progress and you want to continue printing, press the **Stop/Reset** button for at least 5 seconds with the ink cartridge installed. Then printing can continue under the ink out condition. The function for detecting the remaining ink level will be disabled. Replace the empty ink cartridge immediately after the printing. The resulting print quality is not satisfactory, if printing is continued under the ink out condition.
E, 5	The FINE Cartridge cannot be recognized.	Possible causes are as follows: ● The FINE Cartridge may not be installed properly. ● The FINE Cartridge may not be compatible with this machine. Install the appropriate FINE Cartridge. If lines are misaligned or the resulting output is not satisfactory, carry out the Print Head Alignment.
E, 7	FINE Cartridge is not installed in the correct position.	Confirm that the FINE Cartridges are installed in the appropriate positions. See "Replacing a FINE Cartridge" on page 24.
E, 8	Ink absorber is almost full.	The machine has a built-in ink absorber to hold the ink used during Print Head Cleaning, for example. The error code "**E**, 8" indicates that the ink absorber is nearly full. Press the **Black** or **Color** button to cancel the error so that you can continue printing. Before the ink absorber becomes completely full, contact a Canon service representative. (You will need to replace a particular part of the machine.) ⊗ **Important** Canon recommends that you call for service as soon as this error occurs. Once the ink absorber becomes completely full, printing cannot be performed until the ink absorber is replaced.
E, 1, 4	The FINE Cartridge cannot be recognized.	The FINE Cartridge may not be the compatible with this machine. Install the appropriate FINE Cartridge. If lines are misaligned or the resulting output is not satisfactory, carry out the Print Head Alignment.
E, 1, 5	The FINE Cartridge cannot be recognized.	Possible causes are as follows: ● The FINE Cartridge may not be installed properly. ● The FINE Cartridge may not be compatible with this machine. Install the appropriate FINE Cartridge. If lines are misaligned or the resulting output is not satisfactory, carry out the Print Head Alignment.

Error Code	Cause	Action
E, 1, 6	Ink level cannot be detected.	Ink may have run out.
		The function for detecting the remaining ink level will be disabled since the ink level cannot be correctly detected.
		If you want to continue printing without this function, press the **Stop/Reset** button for at least 5 seconds.
		Canon recommends to use new genuine Canon cartridges in order to obtain optimum qualities.
		Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition.
E, 1, 9	The size of the document cannot be correctly detected or the document is too small when the Fit-to-Page copying is selected.	Make sure the document meets the requirements and correctly loaded on the Platen Glass. Then reload the document and press the **Black** or **Color** button. See "Handling Original Documents" on page 5.
	Failed to scan head alignment sheet.	Check that all necessary circles are filled in the Print Head Alignment Sheet, and that it is placed in the proper position and orientation on the Platen Glass.
		You can also perform print head alignment manually.

If the **POWER** and **Alarm** lamps flash alternately as shown below, or an error code is displayed on the LED, take the action described in the table below to correct the error.
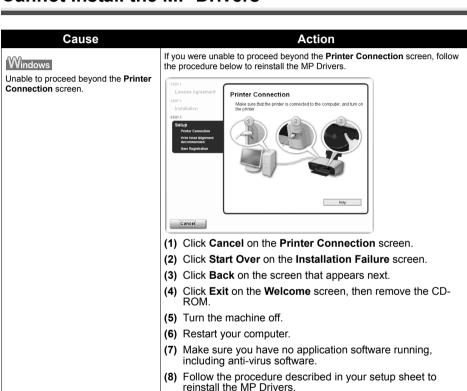
POWER Lamp (Green) ◯ ◯ ◯ ◯ ◯ ◯ ◯

Alarm Lamp (Orange)   ● ● ● ● ● ●

Error Code	Cause	Action
E, 2, x **E**, 3, x **E**, 4, x	An error requiring servicing might have occurred.	Turn off the machine, and unplug the power cord of the machine from the power supply. After a while, plug the power cord of the machine back in and turn on the machine. If the same error occurs, contact a Canon service representative.

The LEDs Cannot Be Seen At All

Cause	Action
The machine is not turned on.	You have not pressed the **ON**/**OFF** button. The machine will power on and the LED will light when you connect the power cord and press the **ON**/**OFF** button.
The LED may be in the Power Saver mode.	Press any button on the Operation Panel except for the **ON**/**OFF** button to restore the display.

Cannot Install the MP Drivers

Cause	Action
Windows Unable to proceed beyond the **Printer Connection** screen.	If you were unable to proceed beyond the **Printer Connection** screen, follow the procedure below to reinstall the MP Drivers. (1) Click **Cancel** on the **Printer Connection** screen. (2) Click **Start Over** on the **Installation Failure** screen. (3) Click **Back** on the screen that appears next. (4) Click **Exit** on the **Welcome** screen, then remove the CD-ROM. (5) Turn the machine off. (6) Restart your computer. (7) Make sure you have no application software running, including anti-virus software. (8) Follow the procedure described in your setup sheet to reinstall the MP Drivers.

Cause	Action
Installation does not start automatically when the *Setup CD-ROM* is inserted into your computer's disc drive.	**Windows** Click **Start** > **My Computer** > double-click the CD-ROM icon . In non-XP Windows, double-click the **My Computer** icon on the desktop and then double-click the CD-ROM icon . 📖 **Note** To use the Run command to start the setup program, specify your disc drive and then the name of the setup program, Msetup4.exe. The drive letter of the disc drive depends on your computer. **Macintosh** Double-click the CD-ROM icon on your desktop to start installation. If the CD-ROM icon is not displayed, restart your computer. If the CD-ROM icon is still not displayed, try different disks and see if they are displayed. If other disks are displayed, there is a problem with the *Setup CD-ROM*. Contact a Canon service representative.
Installation procedure not followed correctly.	Follow the procedure described in your setup sheet for proper installation. If the MP Drivers were not installed correctly, uninstall the driver, restart your computer, and then reinstall the driver. Refer to the *Printer Driver Guide* on-screen manual. **Windows** 📖 **Note** If the installer was forced to be terminated due to a Windows error, the system may be in an unstable condition and you may not be able to install the driver. Restart your computer before reinstalling.
The *Setup CD-ROM* is defective.	**Windows** Click **Start** > **My Computer**, and confirm that CD-ROM icon is visible. In non-XP Windows, double-click the **My Computer** icon on the desktop and confirm that the CD-ROM icon is visible in the window. **Macintosh** Confirm that the CD-ROM icon is displayed when you insert the CD-ROM. If the CD-ROM icon is not displayed, restart your computer. If the CD-ROM icon is still not displayed, try different disks and see if they are displayed. If other disks are displayed, there is a problem with the *Setup CD-ROM*. Contact a Canon service representative.

Cannot Connect to Computer Properly

■ Printing Speed Is Slow / USB 2.0 Hi-Speed Connection Does Not Work

Cause	Action
Your system environment is not fully compatible with USB 2.0 Hi-Speed.	If your system environment is not fully compatible with USB 2.0 Hi-Speed, the machine will operate at a lower speed provided under USB 1.1. In this case, the machine operates properly but printing speed may slow down due to communication speed.
	Check the following to ensure that your system environment supports USB 2.0 Hi-Speed connection.
	● The USB port on your computer supports USB 2.0 Hi-Speed connection.
	● The USB cable, and the USB hub if you are using one, support USB 2.0 Hi-Speed connection.
	Be sure to use a certified USB 2.0 Hi-Speed cable. We recommend the cable to be no longer than around 10 feet / 3 meters.
	● The operating system of your computer supports USB 2.0 Hi-Speed connection.
	Obtain and install the latest update for your computer.
	● The USB 2.0 Hi-Speed driver operates properly.
	Obtain the latest version of the USB 2.0 Hi-Speed driver compatible with your hardware and install it on your computer.
	✪ Important
	For details on USB 2.0 Hi-Speed of your system environment, contact the manufacturer of your computer, USB cable, or USB hub.

W̲i̲n̲d̲o̲w̲s̲

■ "Hi-Speed USB Device Plugged into non-Hi-Speed USB Hub" or "This Device Can Perform Faster" Message Is Displayed (Windows XP Only)

Cause	Action
Your system environment is not fully compatible with USB 2.0 Hi-Speed.	Your system environment is not compatible with USB 2.0.
	See "Printing Speed Is Slow / USB 2.0 Hi-Speed Connection Does Not Work" on page 41.

Print Results Not Satisfactory

■ Part of the Page Is Not Printed

Cause	Action
Page Size/**Paper Size** setting in the printer driver does not match the actual size of the paper loaded in the machine.	Set the page size setting in the application software you are printing from or in the printer driver to match the actual size of the printing paper. **Page Size** can be found on the **Page Setup** sheet in the printer properties dialog box of the printer driver (Windows) or **Paper Size** on the **Page Setup** dialog box of the printer driver (Macintosh).

■ Colors Are Unclear

Cause	Action
Color correction is not enabled.	When printing photographs or other graphics, enabling color correction in the printer driver may improve color. In Windows, select **Vivid Photo** in the **Effects** sheet of the printer driver. In Macintosh, select **Special Effects** in the pop-up menu in the **Print** dialog box, and then select **Vivid Photo**.

■ **Printing Does Not Start/Printing Is Blurred/Colors Are Wrong, Uneven or Streaked/Straight Lines Are Misaligned/White Streaks Appear/Ink Blots Appear**

Cause	Action
FINE Cartridge is not installed properly / There is no ink left.	Remove the FINE Cartridge, then reinstall it. Small dusts may be stuck between the contact points. In this case, the print result may be improved by reinstalling the FINE Cartridge. Also, check that the protective tape (A) is removed.
Print Head nozzles are clogged.	Print the nozzle check pattern to check for uneven ink output. ● **If the nozzle check pattern does not print out properly** Clean the Print Head and then print the nozzle check pattern to check that ink is ejecting properly. ● **If the problem is not resolved after performing Print Head Cleaning twice** Perform Print Head Deep Cleaning. If the problem is not resolved after performing Print Head Deep Cleaning, perform Print Head Deep Cleaning again. ● **If the problem is still not resolved after performing Print Head Deep Cleaning twice** A FINE Cartridge may have run out of ink. Replace it with a new one. For details on how to print the nozzle check pattern, how to clean the Print Head, and how to perform Print Head Deep Cleaning, see "When Printing Becomes Faint or Colors Are Incorrect" on page 18.

Cause	Action
The media is loaded with the wrong side facing upwards.	Load the media with the correct side facing upwards. Many types of paper are made to be printed on only a particular side of the paper. Printing on the wrong side may cause unclear prints or prints with reduced quality. Refer to the instruction manuals supplied with the paper.
Inappropriate Paper Thickness Lever setting.	Adjust the position of the Paper Thickness Lever according to the type of paper you are printing on. See "Paper Handling" on page 8. Depending on the printing content, the printing surface may become scratched even for the types of paper to set the lever to the left. In this case, set the Paper Thickness Lever to the right. * Reset the Paper Thickness Lever to the left when you finish printing. If the lever is not set back to the left, the inside of the machine is more likely to get dirty due to the wider clearance between the print head and the loaded paper. It may also reduce print quality.
Print Head is misaligned.	If you did not align the Print Head after installation, straight lines may be printed misaligned. If ruled lines are printed misaligned or print results are otherwise unsatisfactory, see "Aligning the Print Head" on page 22 and perform Print Head Alignment.

■ **Printed Paper Curls**

Cause	Action
Paper is too thin.	When printing data with high color saturation such as photographs or images in deep color, we recommend using Photo Paper Pro or other Canon specialty paper. See "Media Types You Cannot Use" on page 9.

■ Printed Surface Is Scratched/Paper Is Smudged

Cause	Action
Paper Feed Roller is dirty.	You may need to clean the Paper Feed Rollers of the Auto Sheet Feeder. Follow the procedure below. Cleaning the Paper Feed Roller of the Auto Sheet Feeder consumes it, so perform this procedure only when necessary. For details on cleaning, see "Cleaning the Paper Feed Rollers (Roller Cleaning)" on page 33.
Inside of the machine is dirty.	When performing duplex printing, if the inside of the machine is stained with excess ink, printed paper may become smudged. See "Cleaning the Inside of the Machine" on page 33 to clean the inside of the machine.

Printing on inappropriate type of paper.	● Check to see if the paper you are printing on is not too thick or curled.
	   See "Media Types You Cannot Use" on page 9.
	● When performing Borderless Printing, print quality may be reduced at the top and bottom edges of the paper. Make sure that the paper you are using is suitable for Borderless Printing.
	   For details, refer to "Printing Area" in the *User's Guide* on-screen manual.

Paper is curled.	**For Plain Paper** Turn the paper over and reload it to print on the other side. Leaving the paper loaded in the Auto Sheet Feeder for a long time may cause the paper to curl. If this happens, load the paper with the other side facing up. It may resolve the problem. We recommend putting unused paper back into the package and keep them on a level surface. **For Other Paper** If you are using paper with either any of the corners or the whole printing surface curled, the paper may become dirty, not feed properly, or both. Use such paper after correcting paper curl as follows. **(1)** With the printing side (A) facing up, cover the paper with a fresh sheet of plain paper to avoid staining or scratching the surface. **(2)** Roll up the paper in a direction opposite to paper curl as seen below. **(3)** Check to see that the paper curl is corrected to within approximately 0.08 to 0.2 inches / 2 to 5 mm (B) in height. We recommend printing curl-corrected paper one sheet at a time.

Cause	Action
Inappropriate Paper Thickness Lever setting.	Adjust the position of the Paper Thickness Lever according to the type of paper you are printing on. See "Paper Handling" on page 8.
	Depending on the printing content, the printing surface may become scratched even for the types of paper to set the lever to the left. In this case, set the Paper Thickness Lever to the right.
	* Reset the Paper Thickness Lever to the left when you finish printing. If the lever is not set back to the left, the inside of the machine is more likely to get dirty due to the wider clearance between the print head and the loaded paper. It may also reduce print quality.
	📖 **Note** If the corners or edges of the paper are smudged, try to print with the Paper Thickness Lever set to the right.
Printing graphics with **Intensity** setting set too high.	Especially if you are using plain paper to print images with high intensity, the paper may absorb too much ink and become wavy, causing paper abrasion.
	When copying, refer to "Making Copies" in the *User's Guide* on-screen manual and reduce the **Intensity** setting. Then try printing again.
	When printing from your computer, refer to "Print Results Not Satisfactory" in the *User's Guide* on-screen manual.
Printing beyond the recommended printing area.	If you are printing beyond the recommended printing area of your printing paper, the lower edge of the paper may become stained with ink.
	Resize your original document in your application software.
	For details on recommended printing area, see "Printing Area" in the *User's Guide* on-screen manual.

■ Printing Problems When Copying

Cause	Action
The original document is not loaded correctly.	Check that the original is loaded correctly on the Platen Glass. See "Handling Original Documents" on page 5.
The original document is not loaded with the side to be copied faced down.	When loading the original on the Platen Glass, the side to be copied should be placed face down.
The original document is a printout from this machine.	Print quality may be reduced if you copy a printout. Instead of copying a printout, print the original directly from your computer.
The Platen Glass or the inner side of the Document Cover is dirty.	Clean the Platen Glass and the inner side of the Document Cover. See "Cleaning The Platen Glass And Document Cover" on page 32.

Printing Does Not Start

Cause	Action
The Paper Output Tray is closed.	Open the Paper Output Tray.
Unnecessary print jobs are left in queue. / Computer problems.	Restarting your computer may solve the problem. If there are any unnecessary print jobs, follow the procedure below to delete them. **Windows** **(1)** Open the printer properties dialog box. Refer to "Opening the Printer Properties Dialog Box Directly from the Start Menu" in "Opening the Printer Properties Dialog Box (Windows)" of the *User's Guide* on-screen manual. **(2)** Click the **Maintenance** tab and then **View Printer Status**. The **Canon IJ Status Monitor** is displayed. **(3)** Click **Display Print Queue**. **(4)** Select **Cancel All Documents** on the **Printer** menu. You may not be able to select this depending on the privileges of the account. **(5)** When the confirmation message is displayed, click **Yes**. The print jobs are deleted. **Macintosh** **(1)** Click the printer icon in the Dock to display the list of print jobs in progress. In Mac OS X v.10.2.8, click the printer icon in the Dock to start up the **Print Center** and double-click the name of your machine in the **Printer List**. **(2)** Select the print job to delete and click 🚫. The print jobs are deleted.
The machine is not ready.	Check if the **POWER** lamp is lit green. If the **POWER** lamp is off, turn the machine on. While the **POWER** lamp is flashing green, the machine is initializing. Wait until the **POWER** lamp stops flashing and remains lit green. 📖 **Note** When printing large data such as a photo or graphics, it may take longer to start printing. Wait until printing starts.

Paper Does Not Feed Properly

| Cause	Action
Printing on inappropriate type of paper.	Check to see if the paper you are printing on is not too thick or curled. See "Media Types You Cannot Use" on page 9.
Paper Feed Roller is dirty.	You may need to clean the Paper Feed Rollers of the Auto Sheet Feeder. Follow the procedure below. Cleaning the Paper Feed Roller of the Auto Sheet Feeder consumes it, so perform this procedure only when necessary. For details on cleaning, see "Cleaning the Paper Feed Rollers (Roller Cleaning)" on page 33.
Paper not loaded properly.	Check the following when you load paper in the machine. ● When loading two or more sheets of paper, align the edges of the sheets before loading. ● Always load the paper in portrait orientation, regardless of the printing orientation. ● Load the paper with the print side facing UP. Align the right edge of the paper stack against the Auto Sheet Feeder and slide the Paper Guide so that it just touches the left edge of the stack. For details on loading paper, see "Loading Paper" on page 10.
Too much plain paper loaded.	You can load approximately up to 100 sheets of 17 lb / 64 gsm plain paper. However, proper feeding of paper may not be possible at this maximum capacity depending on the type of paper or environmental conditions (either very high or low temperature and humidity). In such cases, reduce the paper stack to around half. For details on loading paper, see "Loading Paper" on page 10.
Foreign object in the Auto Sheet Feeder.	Check that there are no foreign objects in the Auto Sheet Feeder.
Envelopes not prepared nor loaded properly.	● See "Loading Envelopes" on page 12, and prepare the envelopes before printing. Once you have prepared the envelopes, load them in portrait orientation. If the envelopes are placed in landscape orientation, they will not feed properly. ● Set the Paper Thickness Lever to the right.

Paper Jams
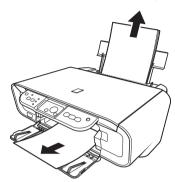
Cause	Action
Paper jammed in the Paper Output Tray and the Auto Sheet Feeder.	Remove the paper following the procedure below. **(1)** Slowly pull the paper out, either from the Auto Sheet Feeder or from the Paper Output Tray, whichever is easier. ● If the paper tears and a piece remains inside the machine, turn the machine off, open the Scanning Unit (Printer Cover), and remove it. Be careful not to touch the components inside the machine. After removing all paper, close the Scanning Unit (Printer Cover) and turn it back on. ● If you cannot pull the paper out, turn the machine off and turn it back on. The paper will be ejected automatically. **(2)** Reload the paper in the machine, and press the **Black** or **Color** button on the machine. If you turned off the machine in step 1, all print jobs in queue are canceled. Reprint if necessary. **📖 Note** ● For details on how to load paper, see "Loading Printing Paper" on page 7. ● When reloading the paper in the machine, see "Paper Does Not Feed Properly" on page 48 to confirm that you are using the correct paper and are loading it into the machine correctly. If you cannot remove the paper or the paper tears inside the machine, or if the paper jam error continues after removing the paper, contact your Canon Service representative.

Cause	Action
Landscape credit card-sized paper jammed inside the machine.	Do not load credit card-sized paper in the landscape orientation. Remove the paper according to the following procedure. **(1)** Press the **ON/OFF** button to turn the machine off. **(2)** Open the Scanning Unit (Printer Cover), then remove the jammed paper. Be careful not to touch the components inside the machine. **(3)** After removing all paper, close the Scanning Unit (Printer Cover), then turn the machine back on. If you cannot remove the jammed paper or the paper jam error continues after removing the paper, contact your Canon Service representative.

Error Message Appears on the Screen

■ Writing Error/Output Error/Communication Error

Cause	Action
The machine is not ready.	Confirm that the **POWER** lamp is lit.
	If the **POWER** lamp is off, turn the machine on.
	While the **POWER** lamp is flashing green, the machine is initializing. Wait until the **POWER** lamp stops flashing and remains lit green.
	If the **Alarm** lamp is on, an error may have occurred on the machine. For details on how to resolve the error, see "An Error Code Is Displayed on the LED" on page 37.
Printer port setting does not match the computer's interface connecting the machine.	Check the printer port settings.
	(1) Click **Start** > **Control Panel** > **Printers and Other Hardware** > **Printers and Faxes**.
	In non-XP Windows, click **Start** > **Settings** > **Printers**.
	(2) Click the **Canon XXX Printer** icon (where "XXX" is your machine's name).
	(3) Open the **File** menu and select **Properties**.
	(4) Click the **Ports** tab to confirm the port settings.
	Make sure that a port named **USBnnn** (**Canon XXX Printer** (where "XXX" is your machine's name)) or **MPUSBRNnn** (**Canon XXX Printer** (where "XXX" is your machine's name)) is selected for **Print to the following port(s)**.
	If the port setting is not correct, change the port setting according to the interface you are using, or reinstall the MP Drivers.
The machine is not connected properly.	Make sure that the USB cable is securely plugged in to the machine and the computer.
	● If you are using a relay device such as a USB hub, disconnect it, connect the machine directly to the computer, and try printing again. If printing starts normally, there is a problem with the relay device. Consult the reseller of the relay device for assistance.
	● There could also be a problem with the USB cable. Replace the USB cable and try printing again.
MP Drivers not installed properly.	The MP Drivers may not be installed properly. Uninstall them following the procedure described in the *Printer Driver Guide* on-screen manual and reinstall them following the procedure described in your setup sheet.

■ Error No.: 300 Is Displayed

Cause	Action
The machine is not ready.	Make sure that the machine is turned on, and that it is connected correctly to the computer.
	If the **POWER** lamp is off, turn the machine on.
	While the **POWER** lamp is flashing green, the machine is initializing. Wait until the **POWER** lamp stops flashing and remains lit green.
	If the **Alarm** lamp is on, an error may have occurred on the machine. For details on how to resolve the error, see "An Error Code Is Displayed on the LED" on page 37.

Cause	Action
Machine is not connected properly.	Make sure that the USB cable is plugged in securely to the computer and the machine. ● If you are using a relay device such as a USB hub, disconnect it, connect the machine directly to the computer, and try printing again. If printing starts normally, there is a problem with the relay device. Consult the reseller of the relay device for assistance. ● There could also be a problem with the USB cable. Replace the USB cable and try printing again.
Your machine is not selected in **Printer** on the **Print** dialog box.	Select your machine's name in **Printer** on the **Print** dialog box. If your machine's name does not appear in **Printer**, follow the procedure below to check that the driver for your machine is installed to your computer. **(1)** Select **Print & Fax Preferences** from **Printer**. In Mac OS X v.10.2.8 or 10.3.x, select **Edit Printer List** from **Printer**. **(2)** Check that your machine's name is displayed in the list of printers and that the check box is selected. In Mac OS X v.10.2.8, check that your machine's name is displayed in the **Printer List**. **(3)** If your machine's name is not displayed, click **Add(+)** to add the printer. If you cannot add the machine, follow the procedure described in your setup sheet to reinstall the MP Drivers.

Macintosh

■ Error No.: 1700/1710 Is Displayed

Cause	Action
The ink absorber is almost full.	See "**E, 8**" in "An Error Code Is Displayed on the LED" on page 37.

Appendix

How to Use the Documentation Provided

Printed Documentation

Setup Sheet

Be sure to read this sheet first.

This sheet includes instructions for setting up your machine and getting it ready for use.

Quick Start Guide (This guide)

Read this guide when starting to use the machine.

After following instructions in your setup sheet, we recommend you read this guide to familiarize yourself with the basic operation of some of the main functions that can be performed on your machine.

On-screen Manuals

User's Guide

Read this guide when starting to use the machine.

If the *Quick Start Guide* does not provide you enough information please refer to the *User's Guide* which can be installed from the *Setup CD-ROM*. This guide provides detailed instructions for:

● printing from your computer

● copying

● scanning

Additional guides are also available for advanced features.

Scanning Guide

Refer to this guide for full instructions on scanning operation and settings.

Printer Driver Guide

Refer to this guide for full instructions on printer driver setting.

Photo Application Guide

Refer to this guide for instructions on using the various application software included on the *Setup CD-ROM*.

Reading the On-screen Manuals

Along with this *Quick Start Guide*, on-screen manuals are also supplied with your machine. For detailed instructions on installing the on-screen manuals, refer to your setup sheet.

You can view the on-screen manuals in the following way:

Windows

To view the on-screen manual, double-click the **XXX On-screen Manual** shortcut icon on the desktop, or click **Start** > **All Programs** (or **Programs**) > **Canon XXX Manual** > **XXX On-screen Manual** (where "**XXX**" is your machine's name).

System Requirements

Browser: Windows HTML Help Viewer

📖 Note
- Microsoft® Internet Explorer 6.0 or later must be installed.
- The on-screen manual may not be displayed properly depending on your operating system or Internet Explorer version. We recommend that you keep your system up to date with Windows Update.

Macintosh

To view the on-screen manual, double-click the **XXX On-screen Manual** alias (where "**XXX**" is your machine's name) on the desktop.

📖 Note

Users in Asia

If you installed the *User's Guide* from the **Manual** folder in the *Setup CD-ROM*, open the folder in which you copied the *User's Guide* and double-click **top.htm**.

System Requirements

Browser: Help Viewer

📖 Note
- The on-screen manual may not be displayed properly depending on your operating system. We recommend that you keep your system up to date.
- We recommend using Safari as your Web browser to view the HTML format on-screen manuals. If Safari is not installed on your computer, download it from Apple Computer, Inc. website and install it.

Specifications

General Specifications	
Printing resolution (dpi)	4800 (horizontal)* x 1200 (vertical) * Ink droplets can be placed with a pitch of 1/4800 inch at minimum.
Print width	8.0 inches / 203.2 mm max. (for Borderless Printing: 8.5 inches / 216.0 mm)
Acoustic noise level	Approx. 44.5 dB (A) (when printing in the highest print quality mode on Photo Paper Pro)
Operating environment	Temperature: 41 to 95°F (5 to 35°C) Humidity: 10 to 90% RH (no condensation)
Storage environment	Temperature: 32 to 104°F (0 to 40°C) Humidity: 5 to 95% RH (no condensation)
Power supply	AC 100-240 V, 50/60 Hz
Power consumption	Printing (Copy): Approx. 13 W Standby: Approx. 0.9 W OFF: Approx. 0.5 W
External dimensions	Approx. 17.5 (W) x 15.0 (D) x 7.1 (H) inches / Approx. 443 (W) x 381 (D) x 181 (H) mm * With the Paper Support retracted.
Weight	Approx. 13.9 lb / 6.3 kg * With the FINE Cartridges installed.

Canon FINE Cartridges	Nozzles:
	   Black: 320 nozzles
	   Cyan/Magenta/Yellow: 384 x 3 nozzles

Copy Specifications	
Multiple copy	1-9, 20 pages

Scan Specifications	
Scanner driver	TWAIN / WIA (Windows XP only)
Maximum scanning size	A4/Letter, 8.5" x 11.7" / 216 x 297 mm
Scanning resolution	Optical resolution (horizontal x vertical) max: 600 dpi x 1200 dpi Interpolated resolution max: 19200 dpi x 19200 dpi
Gradation (Input/Output)	Gray: 16 bit / 8 bit Color: 48 bit / 24 bit (RGB each 16 bit / 8 bit)

Minimum System Requirements

📖 **Note**

Conform to the operating system's requirements when higher than those given here.

	Windows	Macintosh
Interface	USB Hi-Speed	
Operating System Processor RAM	Windows Vista Pentium II (including compatible processors) 300 MHz 128 MB Windows XP SP1, SP2 Pentium II (including compatible processors) 300 MHz 128 MB Windows 2000 Professional SP2, SP3, SP4 Pentium II (including compatible processors) 300 MHz 128 MB 📖 **Note** Operation can only be guaranteed on a PC pre-installed Windows Vista, XP or 2000.	Mac OS X v.10.4 Intel processor PowerPC G3 256 MB Mac OS X v10.2.8 - v10.3 PowerPC G3 128 MB 📖 **Note** Mac OS Extended (Journaled), Mac OS Extended
Browser	Internet Explorer 6.0-	Safari
Hard Disk Space	800 MB 📖 **Note** For bundled software installation.	700 MB 📖 **Note** For bundled software installation.
CD-ROM Drive	Required	
Other restrictions	XGA 1024 x 768	

● OmniPage SE; Windows 2000 Professional SP2 and SP3 not supported

ASA only

ScanSoft OmniPage SE (OCR software) can work only with English operating system.

Additional System Requirements for On-Screen Manuals

Windows	Macintosh
Browser: Windows HTML Help Viewer	Browser: Help Viewer
Note: Microsoft Internet Explorer 6.0 or later must be installed. The on-screen manual may not be displayed properly depending on your operating system or Internet Explorer version. We recommend that you keep your system up to date with Windows Update.	Note: The on-screen manual may not be displayed properly depending on your operating system or Help Viewer version. We recommend that you keep your system up to date with Software Update.

⚠Safety Precautions

Please read the safety warnings and cautions provided in this manual to ensure that you use the machine safely. Do not attempt to use the machine in any way not described in this manual.

⚠ Warning

You may cause an electric shock, fire, or damage the machine if you ignore any of these safety precautions.

Choosing a location	Do not place the machine close to flammable solvents such as alcohol or thinners.
Power supply	Never attempt to plug in or unplug the machine from the power supply when your hands are wet.
	Always push the plug all the way into the power outlet.
	Never damage, modify, stretch or excessively bend or twist the power cord. Do not place heavy objects on the power cord.
	Never plug the machine into a power socket that is shared with other equipment (extension lead/cord, 2- or 3-way adapter, etc.).
	Never use the machine if the power cord is bundled or knotted.
	If you detect smoke, unusual smells or strange noises around the machine, immediately unplug the machine at the power supply and call for service.
	Periodically, unplug the machine and use a dry cloth to wipe off any dust or dirt collected on the plug and the power outlet. If the machine is placed at a location exposed to a lot of dust, smoke, or high humidity, the dust collected on the plug absorbs moisture and may cause insulation failure and fire.
	Use the power cable included with the machine.
	If you hear thunder disconnect the power supply of the machine and refrain from using it. Leaving the machine plugged in may cause fire, electric shock, or damage to the machine, depending on the thunder storm.

Cleaning the machine	**Use a damp cloth to clean the machine. Never use flammable solvents such as alcohol, benzene or thinners.** If flammable solvents come in contact with electrical components inside the machine, it could cause a fire or electric shock.	
	Always unplug the machine from the power outlet before cleaning the machine. If you accidentally switch the machine on while cleaning it, you could injure yourself or damage the machine.	
Maintaining the machine	**Do not attempt to disassemble or modify the machine. There are no user serviceable parts inside the machine.** The machine contains high-voltage components. Never attempt any maintenance procedure not described in this guide.	
Working around the machine	**Do not use highly flammable sprays near the machine.** This could cause a fire or electric shock if the spray comes into contact with electrical components inside the machine.	
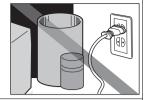
⚠ Caution

You may cause injury or damage the machine if you ignore any of these safety precautions.

Choosing a location	**Do not install the machine in a location that is unstable or subject to excessive vibration.**
	Do not install the machine in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.
	To avoid the risk of fire or electric shocks, install the machine in a location with an ambient temperature range of 5°C to 35°C (41°F to 95°F) and humidity of 10% to 90% (condensation free).
	Do not place the machine on a thick rug or carpet.
	Do not place the machine with its back attached to the wall.

Power supply	Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.	
	Never remove the plug by pulling on the cord.	
	Do not use an extension lead/cord.	
Working around the machine	Never put your hands or fingers in the machine while it is printing.	
	When moving the machine, carry the machine at both ends. Do not hold the Paper Output Tray.	
	Do not place any object on the machine.	
	Do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the machine.	
	If any foreign object (metal or liquid) falls into the machine, unplug the power cord and call for service.	
	Do not transport or store the machine on a slant, vertically or upside-down, as the ink may leak and damage the machine.	
	When loading a thick book on the Platen Glass, do not press hard on the Document Cover. The Platen Glass may break and cause injury.	

FINE Cartridges (Ink Cartridges)	**For safety reasons, store FINE Cartridges (Ink Cartridges) out of the reach of small children.**
	If a child ingests any ink, consult a doctor immediately.
	Do not shake FINE Cartridges (Ink Cartridges).
	Ink may spill out and stain clothing or the surrounding area.
	Never touch the electrical contacts or Print Head Nozzles on a FINE Cartridge (Ink Cartridge) after printing. The metal parts may be very hot and could cause burns.
	Do not throw FINE Cartridges (Ink Cartridges) into fire.
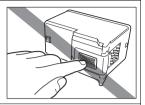
Legal Limitations

It may be unlawful to make copies of, scan, print or use reproductions of the following documents. The list provided is non-exhaustive. When in doubt, check with a legal representative in your jurisdiction.

- Paper money
- Money orders
- Certificates of deposit
- Postage stamps (canceled or uncanceled)
- Identifying badges or insignias
- Selective service or draft papers
- Checks or drafts issued by governmental agencies
- Motor vehicle licenses and certificates of title

- Traveler's checks
- Food stamps
- Passports
- Immigration papers
- Internal revenue stamps (canceled or uncanceled)
- Bonds or other certificates of indebtedness
- Stock certificates
- Copyrighted works/works of art without permission of copyright owner

Users in the U.S.A.

■ Regulatory Information

FCC Notice (U.S.A. Only)

For 120V, 60Hz model

Model Number: K10282

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

● Reorient or relocate the receiving antenna.
● Increase the separation between the equipment and receiver.
● Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
● Consult the dealer or an experienced radio/TV technician for help.

Use of a shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY 11042
1-516-328-5600

■ Canon U.S.A., INC. LIMITED WARRANTY --- (USA Only)

The limited warranty set forth below is given by Canon U.S.A., Inc. ("Canon USA") with respect to the new or refurbished Canon-brand product ("Product") packaged with this limited warranty, when purchased and used in the United States only.

The Product is warranted against defects in materials and workmanship under normal use and service for a period of ninety (90) days from the date of original purchase. Product returned to a Canon USA repair facility or a Canon USA Authorized Service Facility ("ASF"), and proven to be defective upon inspection will be (a) repaired utilizing new, remanufactured, repaired and/or recycled parts (b) exchanged for new or; (c) exchanged for a refurbished Product, as determined by the Canon USA repair facility or the ASF.

Warranty repair or replacement shall not extend the original warranty period of the Product. A dated proof of purchase is required at the time of warranty service. A copy of your dated bill of sale will satisfy this requirement. This warranty does not cover any accessories, or any consumables, such as paper or ink cartridges, as to which there shall be no warranty or replacement.

This limited warranty shall only apply if the Product is used in conjunction with compatible computers, peripheral equipment and software. Canon USA shall have no responsibility for such items except for compatible Canon brand peripheral equipment covered by a separate warranty

("Separate Warranty"). Repairs of such Canon brand peripheral equipment shall be governed by the terms of the Separate Warranty. Non-Canon brand equipment and software that may be distributed with the Product are sold "as is" and without warranty of any kind by Canon USA, including any implied warranty regarding merchantability or fitness for a particular purpose, and all such warranties are disclaimed. The sole warranty, if any, with respect to such non-Canon brand items is given by the manufacturer or producer thereof.

This limited warranty covers all defects encountered in normal use of the Product and does not apply in the following cases:

(a) Loss of or damage to the Product due to abuse, neglect, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, improper use, failure to follow operating or maintenance instructions in, or environmental conditions prescribed in, Canon USA's user's manual or other documentation, or services performed by someone other than a Canon USA repair facility or ASF. Without limiting the foregoing, dropping the Product, scratches, and abrasions will be presumed to have resulted from misuse, abuse or failure to operate the Product as set forth in the user's manual or other documentation for the Product.

(b) Use of parts, media, software or supplies (other than those sold by Canon USA), including non-Canon ink cartridges or refilled ink cartridges, that cause damage to the Product or cause abnormally frequent service calls or service problems.

(c) If the Product has had its serial number or dating defaced, altered or removed.

ANY SYSTEM SOFTWARE (WHETHER FACTORY LOADED ON THE PRODUCT OR CONTAINED ON THE SOFTWARE DISKETTES OR CD-ROMS ENCLOSED WITH, OR ACCOMPANYING, THE PRODUCT), AND ANY UTILITY SOFTWARE, DISTRIBUTED WITH OR FOR THE PRODUCT, IS SOLD "AS IS" AND WITHOUT WARRANTY BY CANON USA. THE SOLE WARRANTY WITH RESPECT TO SUCH SOFTWARE IS CONTAINED IN THE SOFTWARE MANUFACTURER'S LICENSE AGREEMENT DISTRIBUTED THEREWITH, INCLUDING ANY LIMITATIONS AND DISCLAIMERS THEREON. PLEASE CONTACT CANON USA IMMEDIATELY IF YOU HAVE NOT RECEIVED A COPY OF THE SOFTWARE MANUFACTURER'S LICENSE AGREEMENT.

NO IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND CANON USA, OR ITS ASF. (SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.) CANON USA SHALL NOT BE LIABLE FOR LOSS OF REVENUES OR PROFITS, INCONVENIENCE, EXPENSE FOR SUBSTITUTE EQUIPMENT OR SERVICE, STORAGE CHARGES, LOSS OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF CANON USA OR ITS ASF HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST CANON USA OR ITS ASF BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, YOU ASSUME ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO YOU AND YOUR PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE POSSESSION, USE, MISUSE, OR INABILITY TO USE THE PRODUCT SOLD BY CANON USA NOT CAUSED SOLELY AND DIRECTLY BY THE NEGLIGENCE OF CANON USA, OR ITS ASF. (SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU.) THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THE PRODUCT OR THE PERSON FOR WHOM IT WAS PURCHASED AS A GIFT, AND STATES YOUR EXCLUSIVE REMEDY.

Canon USA offers a range of customer technical support* options:

- Interactive troubleshooting, e-mail technical support, the latest driver downloads and answers to frequently asked questions **(www.canontechsupport.com)**
- Toll-free live technical support Monday—Saturday (excluding holidays) at 1-800-828-4040
- Telephone Device for the Deaf (TDD-1-866-251-3752)
- Repair or Exchange Service Options:
  In the event service is required for the Product during the limited warranty period, Canon USA offers two hardware support options:

Authorized Service Facility Carry-In / Mail-In Service

Canon USA's Carry-In/Mail-In Service provides repair or exchange, at Canon USA's option, through Canon USA's Authorized Service Facility (ASF) network. The name and telephone number of the ASF(s) near you may be obtained from Canon USA's Web site at **www.canontechsupport.com** or by calling the Canon USA Customer Care Center at 1-800-828-4040, or any time while speaking to a technical support person. A Product covered by this limited warranty will be repaired or exchanged, as determined by Canon USA, and returned without charge by the ASF.

InstantExchange Service **

A Canon Customer Care Center or ASF technician will attempt to diagnose the nature of the problem and, if possible, correct it over the telephone. If the problem cannot be corrected over the telephone, and you elect the InstantExchange option, a reference number will be issued to you. You will be asked for the Product serial number and other information pertaining to your Product and for a ship-to location for the replacement Product (must include street address).

The Canon USA repair facility will ship out the replacement Product prepaid by Canon USA. After receipt of the replacement Product (with instructions and a prepaid waybill), follow the enclosed instructions on how to ship your product to the Canon USA repair facility. Your Product must be returned in the shipping carton in which the replacement Product was packed and include the reference number, A COPY OF YOUR DATED PROOF OF PURCHASE (BILL OF SALE), and a complete explanation of the problem. DO NOT INCLUDE ANY OTHER ITEMS WITH THE YOUR PRODUCT IN THE RETURN SHIPPING CARTON, AND BE SURE TO RETAIN YOUR PRINTHEAD, INK CARTRIDGE(S) AND TANK(S).

InstantExchange Service exchanges your Product with a replacement Product, which will normally be shipped the same day if your request for this service is by 3 p.m. E.T. Monday through Friday, except holidays. Canon USA does not guarantee same day shipment in the event of the occurrence of factors beyond its reasonable control. The replacement Product you receive may be a refurbished or reconditioned unit and will be covered for the balance of the period remaining on your original limited warranty. NOTE THAT BY USING THIS SERVICE YOU WILL KEEP THE REPLACEMENT PRODUCT THAT IS SENT TO YOU. CANON USA WILL RETAIN THE PRODUCT THAT YOU ORIGINALLY PURCHASED, WHICH SHALL BECOME THE PROPERTY OF CANON USA. InstantExchange warranty program service is available only during the express limited-warranty period for your Product and only in the continental United States, Alaska and Hawaii during such period.

This limited warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

* Support program specifics are subject to change without notice.

** InstantExchange warranty service is subject to the availability of refurbished or new replacement units.

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Ordering Information

For additional supplies, use the following descriptions and order numbers.

Description	Order #
FINE Cartridges	
PG-30 Black	1899B002
CL-31 Color	1900B002
PG-40 Black	0615B002
CL-41 Color	0617B002
Canon Specialty Papers	
All Occasion Photo Cards (4" x 8"/ 50 sheets)	1029A069
Glossy Photo Paper Credit Card Size (100 Sheets)	9157A023
High Resolution Paper (8.5" x 11"/ 100 sheets)	1033A011
Matte Photo Paper (4" x 6"/ 120 sheets)	7981A014
Matte Photo Paper (8.5" x 11"/ 50 sheets)	7981A004
Photo Paper Glossy (4" x 6"/ 50 sheets)	0775B021
Photo Paper Glossy (4" x 6"/ 100 sheets)	0775B022
Photo Paper Glossy (8.5" x 11"/ 50 sheets)	0775B023
Photo Paper Glossy (8.5" x 11"/ 100 sheets)	0775B024
Photo Paper Plus Double Sided (5" x 7"/ 10 sheets)	9981A006
Photo Paper Plus Double Sided (8.5" x 11"/ 10 sheets)	9981A005
Photo Paper Plus Double Sided Album Kit (5" x 7")	0041B005
Photo Paper Plus Double Sided Album Kit (8.5" x 11")	0041B006
Photo Paper Plus Glossy (4" x 6"/ 20 sheets)	7980A007
Photo Paper Plus Glossy (4" x 6"/ 50 sheets)	7980A012
Photo Paper Plus Glossy (4" x 6"/ 120 sheets)	7980A022
Photo Paper Plus Glossy (5" x 7"/ 20 sheets)	7980A019
Photo Paper Plus Glossy (8.5" x 11"/ 20 sheets)	7980A006
Photo Paper Plus Semi-gloss (4" x 6"/ 50 sheets)	1686B014
Photo Paper Plus Semi-gloss (8" x 10" / 20 sheets)	1686B017
Photo Paper Plus Semi-gloss (8.5" x 11"/ 20 sheets)	1686B020
Photo Paper Pro (4" x 6"/ 20 sheets)	1029A014
Photo Paper Pro (4" x 6"/ 75 sheets)	1029A027
Photo Paper Pro (8" x 10"/ 20 sheets)	1029A059
Photo Paper Pro (8.5" x 11"/ 15 sheets)	1029A004
Photo Paper Pro (8.5" x 11"/ 30 sheets)	1029A028
Photo Stickers (16 stickers/sheet, 5 sheets/pack)	0001C001

Call **1-800-OK-CANON** to locate a dealer near you, or visit the Canon eStore at **www.estore.usa.canon.com**.

Canon

The following FINE Cartridges are compatible with this product.

40	**41**	**30**	**31**
Black	Color	Black	Color
PG-40	CL-41	PG-30	CL-31

For information on product specifications, please visit our website at
www.usa.canon.com