Canon

PIXMA iP6000D

Photo Printer

Quick Start Guide

Canon **PIXMA iP6000D** Photo Printer Quick Start Guide.

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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 iP6000D Photo Printer. 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.

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

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Basic Printing

📖 **Note** This *Quick Start Guide* describes some of the features of your printer and how to use them. For more information, view the iP6000D *User's Guide* on the *Setup Software & User's Guide CD-ROM*, or use the online help within your printer driver interface:

Windows
While in the printer's **Properties** window, press the **F1** key, or click ? in the upper right corner. Then click the feature you want to know more about, or click **Help** when displayed.
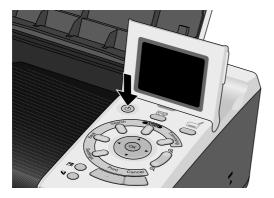
Macintosh
While in the **Page Setup** dialog box or **Print** dialog box, click ? in the lower left corner.
Clicking ? provides detailed information about each setting.
When the Help window appears, select your desired topic.

Turning on the Printer

1   Press the POWER button.
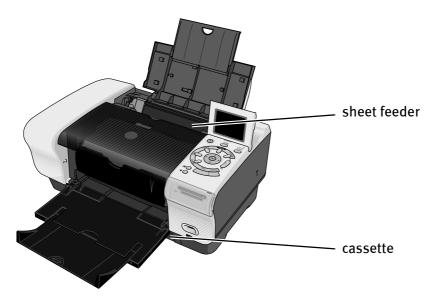
The **POWER** lamp flashes while the printer warms up and changes to a steady (non-flashing) green when the printer is ready.

⬛ **Important**
- Before unplugging the power cord, turn off the printer and ensure that the green lamp has gone out.
- If the **POWER** lamp changes to orange and begins flashing, refer to **"Handling Error Messages"** on page 72.

Loading Paper

This section describes how to load paper in the sheet feeder and the cassette.


sheet feeder

cassette

■ Print Media to Avoid

Do not use the following types of paper. Using such paper will not only produce unsatisfactory results, but can also cause the printer to jam or malfunction.

- Folded, curled or wrinkled paper
- Damp paper
- Excessively thin paper (less than 64 gsm or 17 lb)
- Excessively thick paper* (more than 105 gsm or 28 lb)

  *non-Canon branded paper

- Picture postcards
- Postcards with an affixed photos or stickers
- Envelopes with double flaps
- Envelopes with sticker flaps
- Envelopes with an embossed or treated surface
- Any type of paper with holes (Loose-leaf paper is an exception; it is printable when loaded from the sheet feeder.)

■ Using the Sheet Feeder and the Cassette

You can load paper in both the sheet feeder and cassette.

Loading paper in the sheet feeder is easy, and is convenient if you frequently switch to and print on various sizes or types of paper.

Loading paper in the cassette allows you to print without reloading paper for each job. This is convenient for loading a large volume of the type of paper you regularly print onto.

Loading paper in both the sheet feeder and cassette makes, the following paper feed methods available:

• Changing the paper source to feed different types/sizes of paper

If you load plain paper in the cassette and photo paper in the sheet feeder, changing the paper source allows you to print on both types of paper without removing and reloading paper. To change the paper source, use the paper feed switch on the printer or printer driver.

You can also specify the type/size of paper to be fed from the cassette for regular use with the printer driver. For example, you can specify that Letter-sized plain paper is always fed from the cassette whenever you print.

> **Note** For information on the printer driver settings, refer to "Changing the Paper Source" in the *User's Guide*.

• Continuous printing on the same type/size of paper by using both the sheet feeder and cassette together

If the sheet feeder or cassette runs out of paper, the paper source automatically switches to the other one. This is useful for printing onto a large volume of paper. To use this feature, you need to configure the printer driver beforehand.

> **Note** For information on the printer driver settings, refer to "Changing the Paper Source" in the *User's Guide*.

• Choosing the paper source to match the location of the printer

You can use just the sheet feeder or cassette according to the location of the printer.

For example, if you intend to install the printer in a small place, such as on a shelf with minimal space, you can use just the cassette for printing.
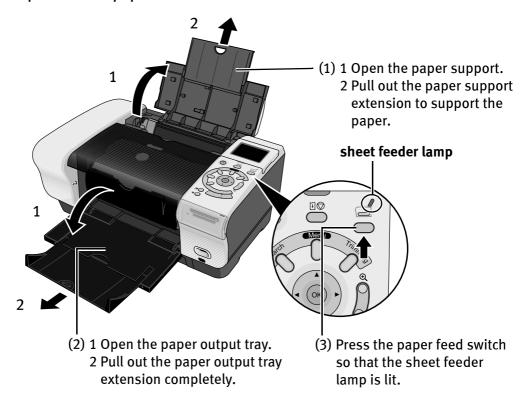
> **Note** Depending on the size of paper you use or during printer maintenance, you may have to use the sheet feeder. When using only the cassette, check that the printer can perform the operations you require.
>
> See **"Canon Speciality Media"** on page 13.
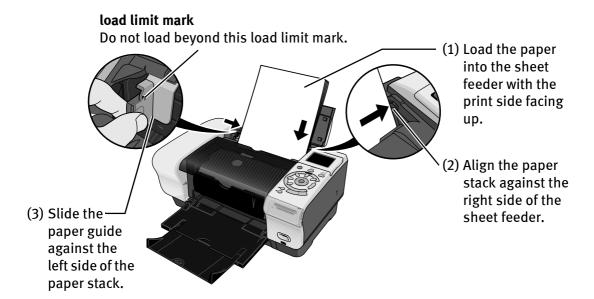
■ Loading Paper in the Sheet Feeder

📖 **Notes**
- For detailed information on the specialty media Canon provides for use with its various printers, refer to **"Canon Speciality Media"** on page 13.
- See "Printing Media" in the *User's Guide* for detailed instructions on how to load envelopes and specialty media into the printer.

1 Flatten the four corners of the paper before loading it.

📖 **Note** If paper is curled, gently bend the corners in the opposite direction until the paper becomes completely flat. Refer to "Uncurling the Media" on the *User's Guide*.

2 Prepare to load paper.

(1) 1 Open the paper support.
2 Pull out the paper support extension to support the paper.

sheet feeder lamp

(2) 1 Open the paper output tray.
2 Pull out the paper output tray extension completely.

(3) Press the paper feed switch so that the sheet feeder lamp is lit.

📖 **Note** You can also select the paper source with the printer driver. For details, refer to "Changing the Paper Source" in the *User's Guide*.

3 Load the paper.

load limit mark
Do not load beyond this load limit mark.

(1) Load the paper into the sheet feeder with the print side facing up.

(2) Align the paper stack against the right side of the sheet feeder.

(3) Slide the paper guide against the left side of the paper stack.

📖 **Notes**
- You can use general copy paper or Canon's Super White Paper SW-201.
- You can load up to 150 sheets of plain paper (64 gsm or 17 lb, 13 mm or 0.52 inches in height) in the sheet feeder. However, do not stack more than 50 sheets in the paper output tray.

■ Loading 4" x 6", 5" x 7", or Credit Card-Sized Paper in the Sheet Feeder

(1) Load the paper into the sheet feeder and align the paper stack against the right side of the sheet feeder.

📖 Notes

• Load the paper lengthways regardless of the direction of the document.

• You can load up to 20 sheets of 4" x 6" or Credit Card-sized paper, or up to 10 sheets of 5" x 7"-sized paper.

(3) Press the paper feed switch so that the sheet feeder lamp is lit.

(2) Slide the paper guide against the left side of the paper stack.

(4) Select **4" x 6"**, **5" x 7"**, or **Credit Card** from **Paper Size** in the printer driver.

For a detailed description of the printer driver settings, refer to **"Printing with Windows"** on page 14, or **"Printing with Macintosh"** on page 17.

■ Loading Paper in the Cassette
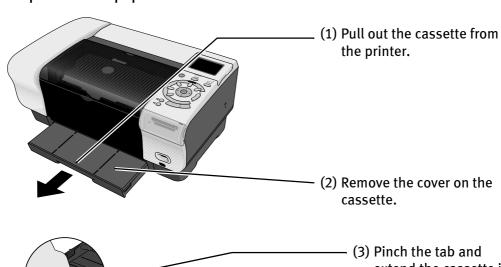
⚠ Caution You cannot load sticker paper in the cassette. Load one sheet at a time in the sheet feeder.

📖 Notes ● For detailed information on the specialty media Canon provides for use with its various printers, refer to **"Using Speciality Media"** on page 12.

● See "Printing Media" in the *User's Guide* for detailed instructions on how to load envelopes and specialty media into the printer.

1 Flatten the four corners of the paper before loading it.

📖 Note If paper is curled, gently bend the corners in the opposite direction until the paper becomes completely flat. Refer to "Uncurling the Media" on the *User's Guide*.
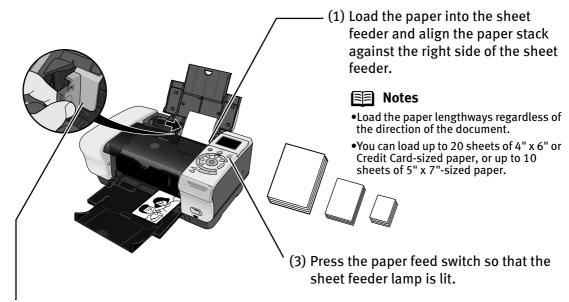
2 Prepare to load paper.

(1) Pull out the cassette from the printer.

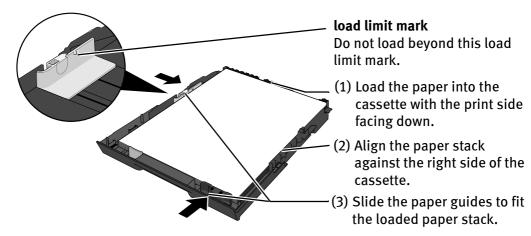(2) Remove the cover on the cassette.

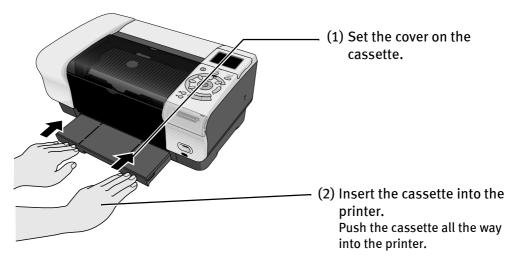(3) Pinch the tab and extend the cassette if needed.

📖 Notes

• When loading A5- or larger sized paper (nonstandard-size paper: 203 mm / 8 inches or longer in length), extend the cassette.

• When loading 5" x 7"- or smaller sized paper (nonstandard-size paper: 202 mm / 8 inches or shorter in length), do not extend the cassette.

• Legal-sized paper is not loadable in the cassette.

3 Load the paper.

load limit mark
Do not load beyond this load limit mark.

(1) Load the paper into the cassette with the print side facing down.

(2) Align the paper stack against the right side of the cassette.

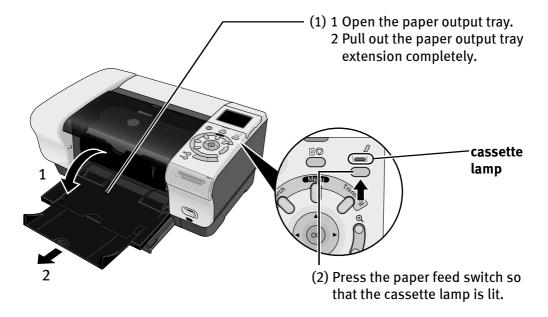(3) Slide the paper guides to fit the loaded paper stack.

📖 Notes
- You can use general copy paper or Canon's Super White Paper SW-201.
- You can load up to 150 sheets of plain paper (64 gsm or 17 lb, 13 mm or 0.52 inches in height) in the cassette. However, do not stack more than 50 sheets in the paper output tray.

4 Insert the cassette into the printer.

(1) Set the cover on the cassette.

(2) Insert the cassette into the printer.
Push the cassette all the way into the printer.

📖 Note
If the cassette has been extended to accommodate paper sizes larger than 5"x7", the front edge of the cassette will extend beyond the front of the printer.
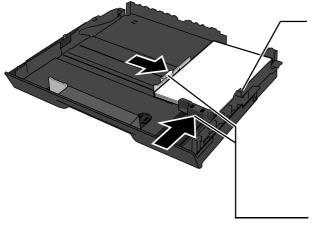
9

5 Prepare the paper output tray.

(1) 1 Open the paper output tray.
   2 Pull out the paper output tray extension completely.

cassette lamp

1

2

(2) Press the paper feed switch so that the cassette lamp is lit.

📖 **Note** You can also select the paper source with the printer driver. For details, refer to "Changing the Paper Source" in the *User's Guide*.

■ Loading 4" x 6" or 5" x 7"-Sized Paper in the Cassette

Do not leave photo paper, such as Photo Paper Pro, in the cassette for a long time. This may cause paper discoloration due to natural aging.

(1) Load the paper into the cassette and align the paper stack against the right side of the cassette.

📖 Notes

- Do not extend the cassette.
- Load the paper lengthways regardless of the direction of the document with the print side facing down.
- You can load up to 20 sheets of 4" x 6"-sized paper, or up to 10 sheets of 5" x 7"-sized paper.

(2) Slide the paper guides to fit the loaded paper stack.

(3) Press the paper feed switch so that the cassette lamp is lit.

(4) Select **4" x 6"** or **5" x 7"** from **Paper Size** in the printer driver.

For a detailed description of the printer driver settings, refer to **"Printing with Windows"** on page 14, or **"Printing with Macintosh"** on page 17.

Using Speciality Media

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

■ Photo Quality Media

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

■ Media Suited to Business Documents

- High Resolution Paper
- Transparencies

■ Canon Speciality Media

Media Type	Paper Support Load Limit		Printer Driver Setting for Media Type
	Sheet Feeder	Cassette	
Super White Paper	Up to 13 mm or 0.52 inches	Up to 13 mm or 0.52 inches	Plain Paper
Photo Paper Pro	Letter: up to 10 sheets*1 4" x 6": up to 20 sheets	Letter: up to 10 sheets*1 4" x 6": up to 20 sheets	Photo Paper Pro
Photo Paper Plus Glossy	Letter: up to 10 sheets 5" x 7": up to 10 sheets 4" x 6": up to 20 sheets	Letter: up to 10 sheets 5" x 7": up to 10 sheets 4" x 6": up to 20 sheets	Photo Paper Plus Glossy
Photo Paper Plus Semi-gloss	Letter: up to 10 sheets 4" x 6": up to 20 sheets	Letter: up to 10 sheets 4" x 6": up to 20 sheets	Photo Paper Plus Glossy
Photo Paper Plus Double Sided	Letter: up to 10 sheets 5" x 7": up to 10 sheets	Letter: up to 10 sheets 5" x 7": up to 10 sheets	Photo Paper Plus Double Sided
Matte Photo Paper	Up to 10 sheets	Up to 10 sheets	Matte Photo Paper
Glossy Photo Paper	Letter: up to 10 sheets 4" x 6": up to 20 sheets Credit Card: up to 20 sheets*2	Letter: up to 10 sheets 4" x 6": up to 20 sheets	Glossy Photo Paper
High Resolution Paper	Up to 80 sheets	Up to 80 sheets	High Resolution Paper
T-Shirt Transfers	1 sheet	1 sheet	T-Shirt Transfer
Transparencies	Up to 30 sheets	Up to 30 sheets	Transparency
Photo Stickers*3	1 sheet*2		

*1 If paper does not feed properly, fan the paper to prevent sticking together. Then, load one sheet at a time.

*2 Loadable only in the sheet feeder. Do not load in the cassette.

*3 You can print photos in a memory card or digital camera on the Canon-branded sticker without a computer. For details, refer to the *Direct Printing Guide*.
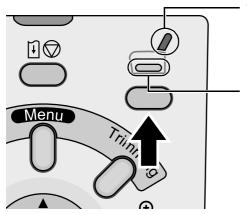
📖 **Notes**
- When using plain paper (64 gsm or 17 lb), up to 150 sheets (13 mm or 0.52 inches in height) can be loaded in the sheet feeder and cassette respectively. Select **Plain Paper** from **Media Type** in the printer driver.
- For detailed description of printing media types, refer to the *User's Guide.*

Windows

Printing with Windows

📖 **Notes**
- The menu screens and dialog boxes that appear may vary, depending on the software application you are using.
- The steps described in this section are for printing in Windows XP.

1 Turn on the printer.

See **"Turning on the Printer"** on page 2.

2 Load the paper in the printer.

See **"Loading Paper"** on page 3.

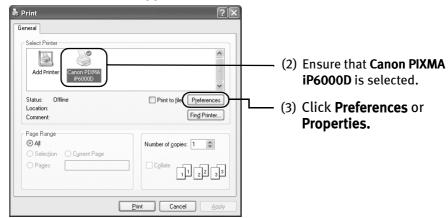**3** Ensure that the proper paper source is selected.

When the sheet feeder lamp is lit, paper is fed from the sheet feeder.

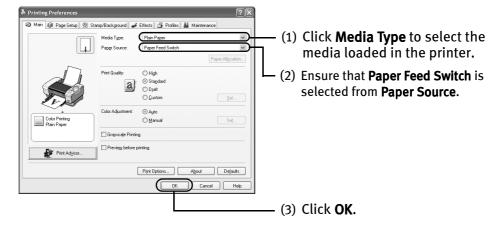When the cassette lamp is lit, paper is fed from the cassette.

4 Create a document or open a file to print.

5 Open Printer Properties dialog box.

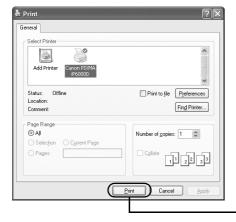(1) Select **Print** from the application software's **File** menu.

(2) Ensure that **Canon PIXMA iP6000D** is selected.

(3) Click **Preferences** or **Properties.**

6 Specify the required settings.

(1) Click **Media Type** to select the media loaded in the printer.

(2) Ensure that **Paper Feed Switch** is selected from **Paper Source**.

(3) Click **OK.**

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Notes
- From the **Page Setup** tab, select the correct document size to be printed.
- This section only describes the steps when you have selected **Paper Feed Switch** from **Paper Source**. For a detailed description of the **Paper Source** settings, refer to "Changing the Paper Source" in the *User's Guide*.
- To adjust **Print Quality** settings, select **Custom** and click **Set** on the **Main** tab. You can control the print quality in the **Set Print Quality** dialog box.
- For details about other printer driver functions, refer to "Printer Driver Functions (Windows)" in the *User's Guide* or **Help**.
- Select **Preview before printing** by clicking the check box. This displays a preview screen that allows you to confirm the selected printing effects and how your document will look when printed. Some applications do not contain the function to display the preview.
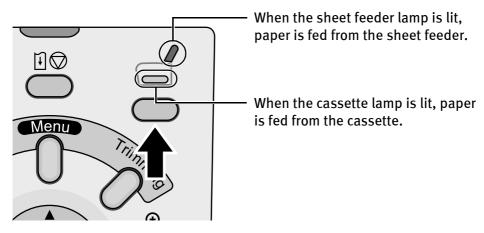
7 Print the document.

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

Notes
- You can cancel a print job in progress by simply pressing the **RESUME** button on the printer.
  See **"Canceling Printing"** on page 20.
- Click **Cancel Printing** on **BJ Status Monitor** to stop printing. To show **BJ Status Monitor**, click ● **Canon PIXMA iP6000...** on the taskbar. **BJ Status Monitor** opens automatically when a printer error occurs.
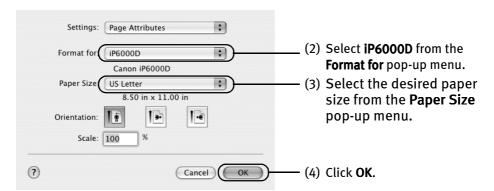
Macintosh

Printing with Macintosh

📖 **Notes** ● The menu screens and dialog boxes that appear may vary, depending on the
software application you are using.
● The steps described in this section are for printing in Mac OS X v.10.3.

1 Turn on the printer.

See "**Turning on the Printer**" on page 2.

2 Load the paper in the printer.

See "**Loading Paper**" on page 3.

3 Ensure that the proper paper source is selected.

When the sheet feeder lamp is lit,
paper is fed from the sheet feeder.

When the cassette lamp is lit, paper
is fed from the cassette.
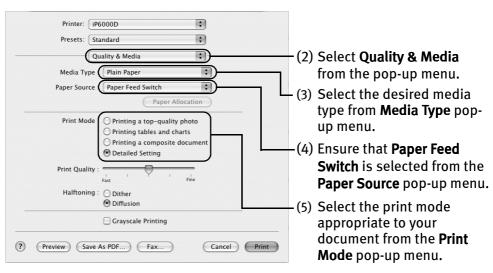
4 Create a document or open a file to print.

5 Select Paper Size.

(1) Select the **Page Setup** from the application software's **File** menu.
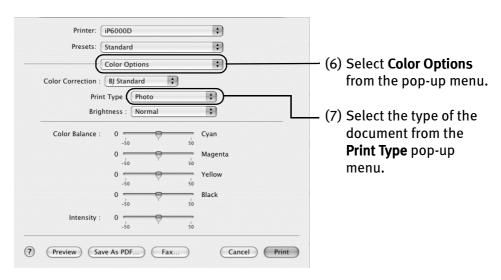
The **Page Setup** dialog box opens.

Settings: Page Attributes	
Format for: iP6000D	(2) Select **iP6000D** from the **Format for** pop-up menu.
Canon iP6000D	
Paper Size: US Letter	(3) Select the desired paper size from the **Paper Size** pop-up menu.
8.50 in x 11.00 in	
Orientation:	
Scale: 100 %	
Cancel OK	(4) Click **OK**.

6 Specify the required settings.

(1) Select **Print** from the application software's **File** menu.
The **Print** dialog box opens.

Printer: iP6000D	
Presets: Standard	
Quality & Media	(2) Select **Quality & Media** from the pop-up menu.
Media Type: Plain Paper	
Paper Source: Paper Feed Switch	(3) Select the desired media type from **Media Type** pop-up menu.
Paper Allocation	
Print Mode: ○ Printing a top–quality photo ○ Printing tables and charts ○ Printing a composite document ◉ Detailed Setting	(4) Ensure that **Paper Feed Switch** is selected from the **Paper Source** pop-up menu.
Print Quality : Fast — Fine	
Halftoning : ○ Dither ◉ Diffusion	(5) Select the print mode appropriate to your document from the **Print Mode** pop-up menu.
☐ Grayscale Printing	
? Preview Save As PDF... Fax... Cancel Print	

Notes ● This section only describes the steps when you have selected **Paper Feed Switch** from **Paper Source**. For a detailed description of the **Paper Source** settings, refer to "Changing the Paper Source" in the *User's Guide*.

● When you select the print mode appropriate to your document from **Print Mode,** the document will be printed in color and at a print quality suited to the characteristics of the **Media Type** you have selected.

- **Printing a top-quality photo**: Select when printing documents consisting mainly of photographs and graphics featuring fine color gradation.

- **Printing tables and charts**: Select when printing documents consisting mainly of graphs and graphics (illustrations) with strong color definition.

- **Printing a composite document**: Select when printing documents consisting mainly of text.

- **Detailed Setting**: Select to fine-tune the **Print Quality** and **Halftoning** settings.
  See **"Adjusting Print Quality"** on page 23.

Printer:	iP6000D
Presets:	Standard
	Color Options
Color Correction :	BJ Standard
Print Type	Photo
Brightness :	Normal

Color Balance : 0 —————◯————— Cyan
          –50   50
          0 —————◯————— Magenta
          –50   50
          0 —————◯————— Yellow
          –50   50
          0 —————◯————— Black
          –50   50
Intensity : 0 —————◯—————
          –50   50

(?) (Preview) (Save As PDF...) (Fax...)   (Cancel) (Print)

(6) Select **Color Options** from the pop-up menu.

(7) Select the type of the document from the **Print Type** pop-up menu.

Notes ● For details about other printer driver functions, refer to "Printer Driver Functions (Macintosh)" in the *User's Guide* or **Help**.

● Clicking the **Preview** button displays a preview screen that allows you to confirm the selected printing effects and how your document will look when printed. Some applications do not have a preview function.
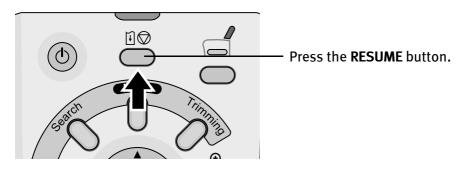
7   Print the document.

Click **Print**.

📖 **Notes**   ● You can cancel a print job in progress by simply pressing the
                RESUME button on the printer.
                See "**Canceling Printing**" on page 20.
          ● Double-clicking **iP6000D** in the **Printer** list displays a dialog that
                prompts you to confirm the status of the print job(s). To cancel a job
                in progress, select the desired document, then click **Delete**. To
                temporarily stop a job in progress, click **Pause**. To cancel all the jobs
                in the list, click **Stop Printing**.

Canceling Printing

You can cancel a print job while printing, with the **RESUME** button on the printer.

1   Press the **RESUME** button while printing.

Press the **RESUME** button.
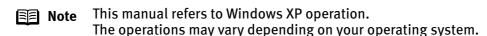
Printing is canceled and paper is fed out.
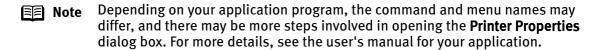
Advanced Printing

Accessing the Printer Driver

The **Printer Properties** dialog box can be opened from either within an application, or directly from the Windows **Start** menu.

📖 **Note** This manual refers to Windows XP operation.
The operations may vary depending on your operating system.

■ Opening the Printer Properties Dialog Box from Your Application Program

📖 **Note** Depending on your application program, the command and menu names may differ, and there may be more steps involved in opening the **Printer Properties** dialog box. For more details, see the user's manual for your application.

1 **In your application, select the command to print a document.**

The **Print** dialog box can usually be opened by selecting **Print** from the **File** menu.

2 **Ensure that the Canon PIXMA iP6000D is selected. Then click Preferences (or Properties).**

The **Printer Properties** dialog box opens.

■ Opening the Printer Properties Dialog Box Directly from the Start Menu

This method is used for maintenance operations such as print head cleaning, or to specify printer settings common to all application programs.

1 **Click Start and select Control Panel, Printers and Other Hardware, and then Printers and Faxes.**

For non-XP Windows users, click **Start**, select **Settings**, and then **Printers**.

2 **Select the Canon PIXMA iP6000D icon.**

3   Open the File menu and select Printing Preferences (or Properties).

The **Printer Properties** dialog box opens.

When opening the **Printer Properties** dialog box from **Properties,** the default Window tabs (e.g., the **Ports** tab, or the **Details** tab) are displayed. These tabs are not displayed, when the **Printer Properties** dialog box is opened from **Printing Preferences** or applications. For details about these tabs, refer to the Windows documentation.

Adjusting Print Quality for Photographs

■ Improving Printed Images

Two important factors control the quality and output of your printed images:

Paper and Ink

Using recommended Canon paper, speciality media, and inks for printing photographs can significantly improve the quality of your printouts. See the inside back cover for a list of Canon Specialty Papers and ink tanks for this printer.

Printer Driver Settings

The printer driver has a variety of settings that can be used to creatively enhance the colors and output of your photographs. Many of these features are covered in this chapter.

For more detailed information, refer to the *User's Guide*.

📖 **Note**   You can also access the online help in either of the following ways depending on your operating system:

   Windows
   ● Press the **F1** key.
   ● Click ? in the upper right corner, then click the feature you want to know more about.
   ● Click **Help** when displayed.

   Macintosh
   ● Click ? in the **Page Setup** dialog box or the **Print** dialog box.

■ Adjusting Print Quality

Features that affect the appearance and quality of your printed images can be controlled with the printer driver.

The PIXMA iP6000D automatically adjusts printer settings to improve print quality based on the media type (Plain Paper, Photo Paper Pro, and so on). You can also customize the **Print Quality** settings if desired.

To manually adjust Print Quality settings:

Windows

1   Open the Printer Properties dialog box.

See **"Opening the Printer Properties Dialog Box from Your Application Program"** on page 21.

2   On the Main tab, select Custom from Print Quality, then click Set to open the Set Print Quality dialog box.

3   Move the slide bar to adjust the print quality.

4   When the process is complete, click OK.

5   Click Print or OK.

Macintosh

1 **Open the Print dialog box.**

See **"Printing with Macintosh"** on page 17.

2 **Select Quality & Media from the pop-up menu, and then click Detailed Setting.**

3 **Move the slide bar to adjust the print quality.**

4 **When the process is complete, click Print.**

To automatically optimize the image:

Photo Optimizer PRO automatically adjusts the photographs taken with a digital camera. Use this feature to compensate for unsatisfactory color balance and over- or under-exposure before printing. **Photo Optimizer PRO** is available for Windows only.

📖 Note **In Windows Me or Windows 98**
If **Background Printing** has been disabled, the **Photo Optimizer PRO** function is not available.

Windows

1   Open the Printer Properties dialog box.

See**"Opening the Printer Properties Dialog Box from Your Application Program"** on page 21.

2   Click the Effects tab.

3   Select the Photo Optimizer PRO check box.

4   Click OK.

To use Vivid Photo option:

Vivid Photo intensifies background colors such as fields, trees, oceans and skies, while maintaining natural skin tones in the images.

Note　**In Windows Me or Windows 98**
If **Background Printing** has been disabled, the **Vivid Photo** function is not available.

Windows
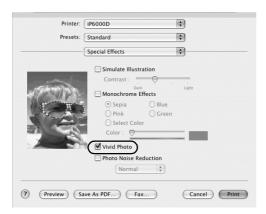
To use **Vivid Photo**, select the **Vivid Photo** check box on the **Effects** tab.

Macintosh

To use **Vivid Photo**, select the **Vivid Photo** check box under **Special Effects**.

To reduce noise from images captured with a digital camera:

Photo Noise Reduction function reduces noise from blue portions such as the sky and dark portions of the images taken with your digital camera.

📖 **Note**   **In Windows Me or Windows 98**
If **Background Printing** has been disabled, the **Photo Noise Reduction** function is not available.

Windows
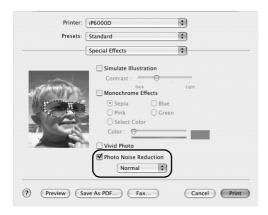
To use **Photo Noise Reduction,** select the **Photo Noise Reduction** check box on the **Effects** tab.

Macintosh

To use **Photo Noise Reduction,** select the **Photo Noise Reduction** check box under **Special Effects**.
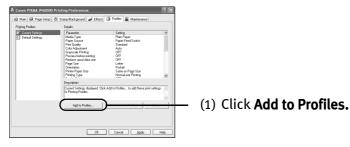
■ Saving and Recalling Driver Settings
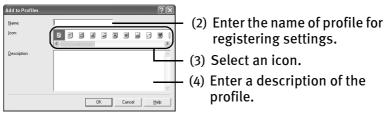
When you change printer driver settings for a specific print job, such as printing black and white photos, or printing documents with a special background, you can save and name these settings for future use on similar print jobs.

Windows

1 Open the Printer Properties dialog box.

See **"Opening the Printer Properties Dialog Box from Your Application Program"** on page 21.

2 In each tab, set all necessary items.

3 Click the Profiles tab.

4 Register new printer driver settings.

(1) Click **Add to Profiles.**

The **Add to Profiles** dialog box opens.

(2) Enter the name of profile for registering settings.

(3) Select an icon.

(4) Enter a description of the profile.

5 Click OK.

6 Click OK on the Profiles tab.

This registers your printer driver print settings.

📖 **Note** You can retrieve or delete the print settings profile at any time.

Retrieving profile:
Select the desired profile from **Printing Profiles,** and click **Retrieve** from **Profiles**.
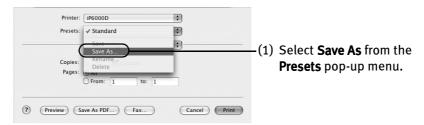
Deleting unwanted profile:
Select the desired profile from **Printing Profiles,** and click **Delete**. For details, click **Help** and refer to the topic of this function.

Macintosh

1 Open the Print dialog box.
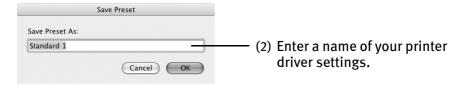
See **"Printing with Macintosh"** on page 17

2 Select all of the necessary settings.

3 Register new printer driver settings.

(1) Select **Save As** from the **Presets** pop-up menu.

Save Preset dialog box opens.

(2) Enter a name of your printer driver settings.

4   Click OK.

This registers your printer driver settings.

📖 **Note**   You can retrieve or change the saved driver settings at any time.

Retrieving the registered driver settings:
Select the name of the driver settings to retrieve from **Presets** in the **Print** dialog box.

Changing the registered drivers settings:
Select the name of the driver settings to delete or change from **Presets** in the **Print** dialog box.

Using the Bundle Software

The *Setup Software & User's Guide CD-ROM* includes photo applications designed to edit the photographs taken by a digital camera and print them as photo-lab quality prints without standard white borders. Please use the application(s) suitable for your print purposes.

📖 **Notes** ● To install applications, refer to *Easy Setup Instructions*.
● For details about using the photo applications, refer to the *Photo Application Guide* included on the *Setup Software & User's Guide CD-ROM*.

■ Easy-PhotoPrint (Windows/Macintosh)

You can make Borderless Printing easily and quickly, just by selecting a photograph taken with a digital camera and the paper type on which to print. Also it has tools to correct red eye caused by the camera's flash or smooth and beautify the facial skin. It is compatible with Exif Print*.

■ PhotoRecord (Windows)

You can create fun and unique photo albums with the decorative themes such as frame, background, and clip-art. You can also copy or move the decorated photos. It is compatible with Exif Print*.

■ Easy-WebPrint (Windows)

You can easily print out homepages displayed on Internet Explorer at full size without its right-hand side being cropped. This application is automatically added to the Internet Explorer toolbar. Internet Explorer 5.5 or later must be installed.

For more information on the applications, refer to the *Photo Application Guide*.

* Exif Print is the worldwide standard. Under Exif Print, the digital camera can record data tags for specific camera settings and functions such as whether the flash was on or off, if the camera was in portrait or night scene mode, etc.
Canon BJ Printers support Exif Print and use a suitable photo application to read the camera data precisely, producing optimal prints. This enables you to create prints that reproduce color more accurately.

Printing Borderless Photographs

This section describes how to print using the Borderless Printing made from Easy-PhotoPrint. Easy-PhotoPrint is included on your *Setup Software & User's Guide CD-ROM*.

📖 **Notes**   **Media Types Suitable for Borderless Printing**
- The following media are compatible with **Borderless Printing**:
  - Photo Paper Pro (Letter and 4" x 6")
  - Photo Paper Plus Glossy (Letter, 5" x 7", and 4" x 6")
  - Photo Paper Plus Double Sided (Letter and 5" x 7")
  - Photo Paper Plus Semi-gloss (Letter and 4" x 6")
  - Matte Photo Paper (Letter)
  - Glossy Photo Paper (Letter, 4" x 6", and Credit Card)
- Printing on paper other than listed above may deteriorate the print quality, may cause improper paper feed, or may produce prints in different color tones.
- Selecting the wrong media type may affect the colors or cause printing to slow down.
  To ensure optimum printing results, select the correct media type that matches the paper you are loading in the printer.
- **Borderless Printing** may not assure high print quality on the edges of the print or may cause the edges of the print blurred.
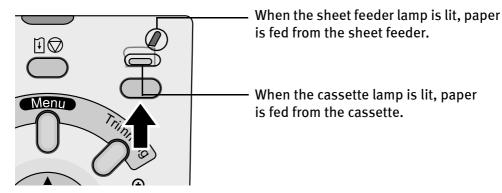
Follow the steps below to produce color prints of digital camera photographs with Easy-PhotoPrint using the **Borderless Printing** function. Easy-PhotoPrint supports Exif Print. Easy-PhotoPrint can handle only JPEG files (file name extension: .jpg and .jpeg).

You can edit images taken with a digital camera by using the **Red-Eye Correction** function and **Digital Face Smoothing** function and print them with Easy-PhotoPrint. For more information about Easy-PhotoPrint, refer to the *Photo Application Guide*.

This section provides the procedure for printing out photographs under Windows. The procedure is the same with Macintosh.

1   Turn on the printer.

2   Load the paper on the printer.

3 Ensure that the proper paper source is selected.

When the sheet feeder lamp is lit, paper is fed from the sheet feeder.

When the cassette lamp is lit, paper is fed from the cassette.

4 Start Easy-PhotoPrint.

(1) Store the photographs you took with your digital camera in a folder on the hard disk.

(2) **Windows**

Click **Start**, select **All Programs** (or **Programs**), **Canon Utilities**, **Easy-PhotoPrint**, and **Easy-PhotoPrint** to open the **Easy-PhotoPrint**.

Macintosh

Double-click the hard disk icon, the **Applications** folder, the **Easy-PhotoPrint** folder, and then double-click the **Easy-PhotoPrint** icon.

5 Select photographs.
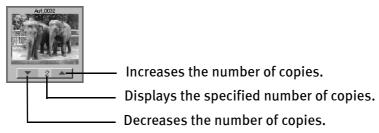
(1) Select the folder containing the photograph you want to print.
All photographs in the selected folder are displayed.

Guidance

Thumbnail

Folder window

(2) Click the **[▼] [▲]** buttons on the thumbnail of the photograph you want to print to specify the number of copies.

Increases the number of copies.

Displays the specified number of copies.

Decreases the number of copies.

📖 **Note** Clicking **Correct/Enhance** allows you to correct photographs. For example, using this feature, you can correct the red-eye caused by the camera's flash or smooth and beautify the facial skin. For more information, refer to the *Photo Application Guide*.
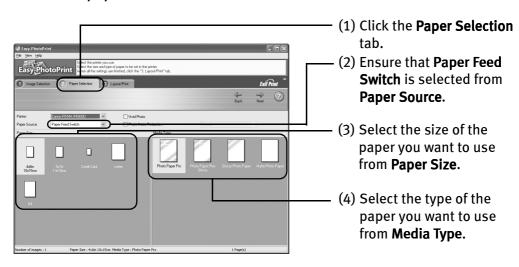
6 Select the paper.

(1) Click the **Paper Selection** tab.

(2) Ensure that **Paper Feed Switch** is selected from **Paper Source**.

(3) Select the size of the paper you want to use from **Paper Size**.

(4) Select the type of the paper you want to use from **Media Type**.
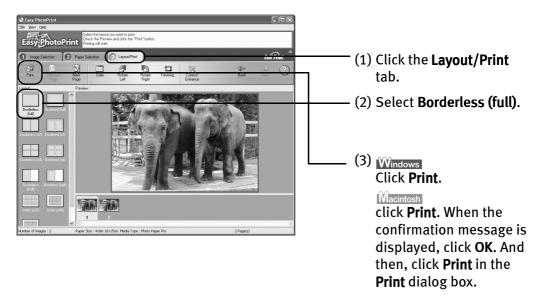
📖 **Note** This section only describes the steps when you have selected **Paper Feed Switch** from **Paper Source**. For information about the other settings, refer to "Changing the Paper Source" in the *User's Guide*.

7 Select the layout and print the photograph.

(1) Click the **Layout/Print** tab.

(2) Select **Borderless (full)**.

(3) **Windows**
Click **Print**.

Macintosh
click **Print**. When the confirmation message is displayed, click **OK**. And then, click **Print** in the **Print** dialog box.

Printing Maintenance

Replacing an Ink Tank

When replacing an ink tank, check the model number very carefully.
The printer will not print properly if the wrong ink tank is used, or installed in the incorrect position.

With this printer, ink tanks must be installed from the right in the order indicated below.

- Magenta: BCI-6M

- PhotoMagenta: BCI-6PM

- Yellow: BCI-6Y

- Black: BCI-6BK

- Cyan: BCI-6C

- PhotoCyan: BCI-6PC

■ Knowing When to Replace Ink Tank

If an ink tank needs replacing, the **POWER** lamp will change from green to orange and flash four times, as soon as printing begins. It is important to quickly identify the empty tank using the **BJ Status Monitor** (Windows) or error messages (Macintosh) and replace it.
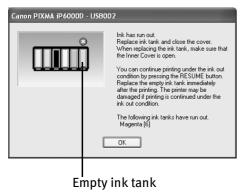
Note Should missing characters or white streaks appear despite sufficient ink levels, refer to **"When Printing Becomes Faint or Colors are Incorrect"** on page 43.

Windows

The following message appears when ink is empty.
Printing will resume as soon as ink tank is replaced and the inner cover and the cover are closed.
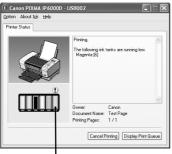
The ink tank with [X] symbol is out of ink.
Replace with a new ink tank.

- Press the **RESUME** button to resume printing with an empty ink tank.
  When printing is finished, replace the ink tank immediately. If you continue printing with an empty ink tank, it may cause problems.

- Menu screens will vary to some degree, depending on the version of your Windows operating system.

Empty ink tank

Note   When Low Ink is Detected

The **BJ Status Monitor** appears as soon as a print job starts.

[!] Indicates a low ink level. Obtain a replacement tank as soon as possible.

Click **Cancel Printing** to cancel the current print job.

Tank with low ink level

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Macintosh
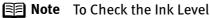
The following message is displayed when ink tank is empty.
Printing will resume as soon as ink tank is replaced and the inner cover and the cover are closed.
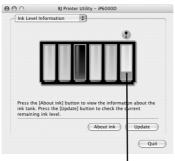
> Error Number : 83
> The following ink tanks have run out.
>   Magenta [6]
>
> Replace ink tank and close the cover. When replacing the ink tank, make sure that the Inner Cover is open. You can continue printing under the ink out condition by pressing the RESUME button. Replace the empty ink tank immediately after the printing. The printer may be damaged if printing is continued under the ink out condition.
>
> (Delete Job)   (Stop All Jobs)   (Stop Job)

- Press the **RESUME** button to resume printing with the ink tank empty. When printing is finished, replace the ink tank immediately. If you continue printing with an empty ink tank, it may cause problems.

- If you click:
  Delete Job, the printer cancels the current printing job.
  Stop Job, the printer stops the current printing job.
  Stop All Jobs, the printer stops all printing jobs.

Note To Check the Ink Level

> BJ Printer Utility – iP6000D
> [Ink Level Information ▼]
>
> Press the [About ink] button to view the information about the ink tank. Press the [Update] button to check the current remaining ink level.
>
> (About ink) (Update)
>   (Quit)

Tank with low ink level

1. Double-click the hard disk icon where the printer driver was installed, the **Applications** folder, and then the **Utilities** folder.
2. Double-click the **Print Setup Utility** icon. When using Mac OS X v.10.2.x, double-click the **Print Center** icon.
3. Select **iP6000D** from the **Name** list and click **Utility**.
   When using Mac OS X v.10.2.x, select **iP6000D** from the **Name** list and click **Configure**.
4. Select **iP6000D** from the **Product** list and click **Maintenance**.
   BJ Printer Utility appears.
5. Select **Ink Level Information** from the pop-up menu.

[!] Indicates a low ink level. Obtain a replacement tank as soon as possible.

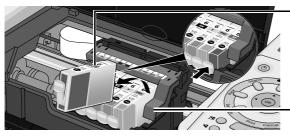Click **About Ink** to show the ink tanks that are available on your printer.

■ Replacing Ink Tanks

When an ink tank runs out of ink, replace it using the following steps.

1 Ensure that the printer is on, and then open the paper output tray.

2 Open the cover, and pull down the inner cover forward to open.

The print head holder moves to the center.
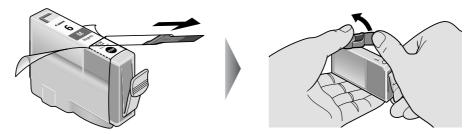

3 Remove the empty ink tank.

Push the tab in and remove the ink tank.

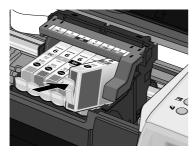Do not touch the print head lock lever; remove only the ink tank.

Important
- Handle ink tanks carefully to avoid staining clothing or the surrounding area.
- Discard empty ink tanks according to the local laws and regulations regarding disposal of consumables.

Note Be sure to replace ink tanks one by one when replacing more than one ink tank.

4 Prepare a replacement tank.
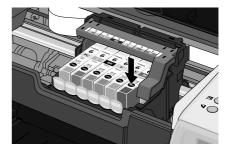
(1) Unpack the new ink tank and pull off the orange tape.

(2) Remove the orange protective cap from the bottom of the ink tank and discard it.

Important

- Be sure to remove the clear film from the ink tank in the exact order shown in step 4-(1), as failure to follow this step may cause the ink to leak and stain your clothes and hands.
- Do not squeeze the side of ink tanks as this may cause the ink to leak and stain your clothes and hands.
- Do not re-attach the protective cap once you have removed it.
- Once the protective cap is removed, do not touch the open ink port.
- Ensure that all the orange tape has been peeled off along the perforation. If there remains a part of the orange tape, ink may not be ejected correctly.

5 Install the ink tank.

(1) Insert the ink tank in the print head holder.

(2) Press on the PUSH mark until the ink tank snaps firmly into place.

6 Close the inner cover and the cover.

The print head holder moves to the right. The ink tank installation process is now complete.

📖 **Notes**
- Ensure that the inner cover is closed. Printing will not occur if the inner cover is open.
- To maintain optimal print quality, use an ink tank within six months of its first use.
- Once an ink tank has been used, do not remove it from the printer and leave it out in the open. This will cause the ink tank to dry out and the printer may not operate properly if it is reinstalled.
- Color ink consumption may occur even when black-and-white or grayscale printing is specified.
  Color ink is consumed in the head cleaning and deep cleaning, which are necessary to maintain the printer's capabilities.
- When you start printing after replacing the ink tank, the printer executes the print head cleaning automatically. Do not perform any other operations until the print head cleaning finishes. The **POWER** lamp flashes during cleaning.
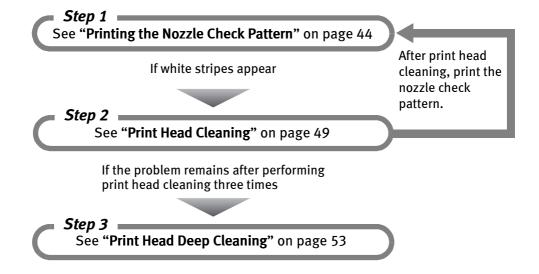
When Printing Becomes Faint or Colors are Incorrect

When printing becomes faint or colors are incorrect, even if ink remains in the ink tanks, the print head nozzles are probably clogged. Follow the procedures below to clean the nozzle.

If the ruled lines are shifted after running the print head maintenance, align the print head.

Important Before printing the nozzle check pattern or cleaning the print head, check the following;
- Open the cover and make sure whether the ink tank contains ink. If it is out of ink, replace it.
- Ensure that all the orange tape of the ink tank has been peeled off.
- Press on the 🔵 mark on the ink tank and ensure that the ink tank is installed securely.
- Ensure that each ink tank is installed at the correct location.
- Increase the **Print Quality** setting in the printer driver settings.
  See "**Print Quality is Poor or Contains Errors**" on page 63.

Step 1
See "**Printing the Nozzle Check Pattern**" on page 44

After print head cleaning, print the nozzle check pattern.

If white stripes appear

Step 2
See "**Print Head Cleaning**" on page 49

If the problem remains after performing print head cleaning three times

Step 3
See "**Print Head Deep Cleaning**" on page 53

Note If print head deep cleaning does not resolve the problem, contact the Customer Care Center.

If the ruled lines are shifted

Step 1
See "**Aligning the Print Head**" on page 57

Printing the Nozzle Check Pattern
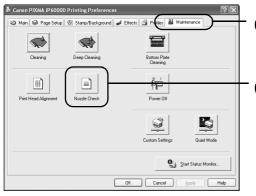
Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles and to verify print head alignment. Use this function when printed results are blurred or the color is incorrect.

Notes
- Ensure that the inner cover is closed.
- Nozzle check pattern printing can also be executed from the printer itself.
  1. With the printer on, load a sheet of Letter-sized plain paper in the sheet feeder or cassette.
  2. Press the paper feed switch to select the paper source in which you loaded the paper.
  3. Hold the **RESUME** button until the **POWER** lamp flashes twice.
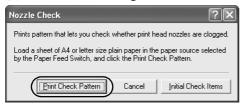
Windows

1 With the printer on, load a sheet of Letter-sized plain paper in the sheet feeder or cassette.

2 Press the paper feed switch to select the paper source in which you loaded the paper.

3 Open the Printer Properties dialog box.

See "**Opening the Printer Properties Dialog Box Directly from the Start Menu**" on page 21.

4 Print the nozzle check pattern.

(1) Click the **Maintenance** tab.

(2) Click **Nozzle Check**.

(3) Read the message and click **Print Check Pattern**.

The nozzle check pattern will be printed.
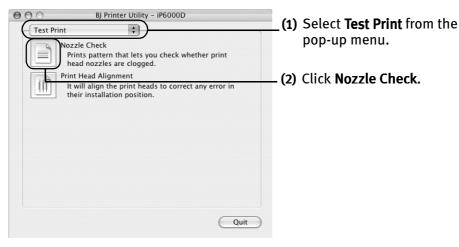
📖 **Note** Clicking **Initial Check Items** displays the items to be checked before printing.

(4) When the confirmation message is displayed, click **OK**.

(5) Ensure that the pattern is printed properly.

"**Examining the Nozzle Check Pattern**" on page 47.

(6) If you want to start the print head cleaning, click **Cleaning** on the **Pattern Check** dialog box. Otherwise, click **Exit** to finish.

Macintosh

1 With the printer on, load a sheet of Letter-sized plain paper in the sheet feeder or cassette.

2 Press the paper feed switch to select the paper source in which you loaded the paper.

3 Open the BJ Printer Utility dialog box.

   (1) Double-click the hard disk icon where the printer driver was installed, the **Applications** folder, and then the **Utilities** folder.

   (2) Double-click the **Printer Setup Utility** icon.

   When using Mac OS X v.10.2.x, double-click the **Print Center** icon.

   (3) Select **iP6000D** from the **Name** list and click **Utility**.

   When using Mac OS X v.10.2.x, select **iP6000D** from the **Name** list and click **Configure**.

   (4) Select **iP6000D** from the **Product** list and click **Maintenance**.

4 Print the Nozzle Check Pattern.

   (1) Select **Test Print** from the pop-up menu.

   (2) Click **Nozzle Check**.

(3) Read the message and click **Print Check Pattern**.

> **Prints pattern that lets you check whether print head nozzles are clogged.**
>
> Load a sheet of A4 or letter size plain paper in the paper source selected by the Paper Feed Switch, and click [Print Check Pattern].
>
> (Initial Check Items)   (Cancel)   (Print Check Pattern)

The nozzle check pattern will be printed.
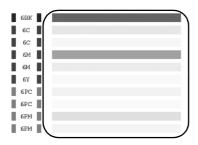
📖 **Note**   Clicking **Initial Check Items** displays the items to be checked before printing.

(4) Ensure that the pattern is printed properly.

See **"Examining the Nozzle Check Pattern"** below.

(5) If you want to start the print head cleaning, click **Cleaning** on the **Pattern Check** dialog box. Otherwise, click **Quit** to finish.

■ Examining the Nozzle Check Pattern

The nozzle check pattern should appear as follows when ink is discharged properly. Examine the nozzle check pattern output by the printer.

📖 **Note**   The nozzle check pattern will not be printed correctly if there is not enough ink. Replace the ink tank if the remaining amount of ink is insufficient.
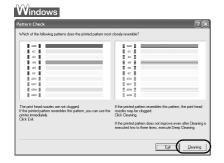
See **"Replacing an Ink Tank"** on page 37.
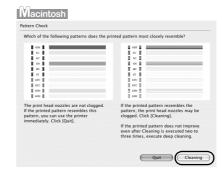
If these patterns have white stripes, the **"Color"** print head nozzle needs cleaning.

Example: When white stripes appear

Click **Cleaning** in the **Pattern Check** dialog box to start the print head cleaning.
See **"Print Head Cleaning"** on page 49.

If the patterns have no white stripes, click **Exit** or **Quit**. Nozzle check pattern finishes.

Print Head Cleaning

Clean the print head if missing lines or white stripes appear in the nozzle check pattern. Cleaning the print head consumes ink, so perform the print head cleaning only when necessary.

Notes
- Ensure that the inner cover is closed.
- The print head can also be cleaned from the printer itself. With the printer on, hold down the **RESUME** button until the **POWER** lamp flashes once.
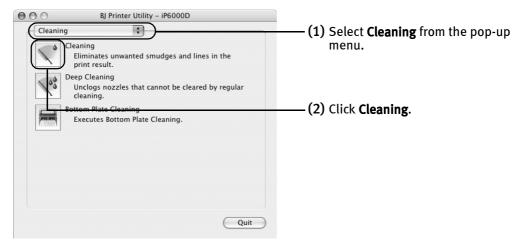
Windows

Note The print head cleaning dialog box of step 3-(3) is directly displayed when you click Cleaning on the **Pattern Check** dialog box.
See **"Examining the Nozzle Check Pattern"** on page 47.

1 Ensure that the printer is turned on.

2 Open the Printer Properties dialog box.

See **"Opening the Printer Properties Dialog Box Directly from the Start Menu"** on page 21.

3 Start the print head cleaning.

(1) Click the **Maintenance** tab.

(2) Click **Cleaning**.

(3) When the confirmation message is displayed, click **OK**.

Print head cleaning starts when the **POWER** lamp starts blinking.

🖋 **Important** Do not perform any other operations until the print head cleaning finishes. This takes about 30 to 40 seconds.

(4) Read the message and click **Print Check Pattern** to print the nozzle check pattern.

```
Nozzle Check                                    [?][X]

Prints pattern that lets you check whether print head nozzles are clogged.

Load a sheet of A4 or letter size plain paper in the paper source selected
by the Paper Feed Switch, and click the Print Check Pattern.

    ( Print Check Pattern )    Cancel      Initial Check Items
```

The nozzle check pattern is printed.

📖 **Note** Clicking **Initial Check Items** displays the items to be checked before cleaning.

4 Check the print head condition with the printed nozzle check condition.

See **"Printing the Nozzle Check Pattern"** on page 44.

📖 **Notes** ● The nozzle check pattern will not be printed correctly if there is not enough ink. Replace the ink tank if the remaining amount of ink is insufficient.
See **"Replacing an Ink Tank"** on page 37.
● If the problem remains after performing the print head cleaning three times, try the print head deep cleaning.
See **"Print Head Deep Cleaning"** on page 53.

Macintosh

📖 **Note**   The **Print Head Cleaning** dialog box of step 3-(3) is directly displayed when you click **Cleaning** on the **Pattern Check** dialog box. See **"Examining the Nozzle Check Pattern"** on page 47.

1   Ensure that the printer is turned on.

2   Open the BJ Printer Utility dialog box.

(1) Double-click the hard disk icon where the printer driver was installed, the **Applications** folder, and the **Utilities** folder.

(2) Double-click the **Printer Setup Utility** icon.

When using Mac OS X v.10.2.x, double-click the **Print Center** icon.

(3) Select **iP6000D** from the **Name** list and click **Utility**.

When using Mac OS X v.10.2.x, select **iP6000D** from the **Name** list and click **Configure**.

(4) Select **iP6000D** from the **Product** list and click **Maintenance**.

3   Start the print head cleaning.

(1) Select **Cleaning** from the pop-up menu.

(2) Click **Cleaning**.

(3) When the confirmation message is displayed, click **OK**.

Print head cleaning starts when the **POWER** lamp starts blinking.

🚫 **Important** Do not perform any other operations until the print head cleaning finishes. This takes about 30 to 40 seconds.

(4) Read the message and click **Print Check Pattern** to print the nozzle check pattern.

The nozzle check pattern is printed.

📖 **Note** Clicking **Initial Check Items** displays the items to be checked before cleaning.

4 Check the print head condition with the printed nozzle check condition.

See **"Printing the Nozzle Check Pattern"** on page 44.

📖 **Notes**
- The nozzle check pattern will not be printed correctly if there is not enough ink. Replace the ink tank if the remaining amount of ink is insufficient.
  See **"Replacing an Ink Tank"** on page 37.
- If the problem remains after performing the print head cleaning three times, try the print head deep cleaning.
  See **"Print Head Deep Cleaning"** on page 53.

Print Head Deep Cleaning
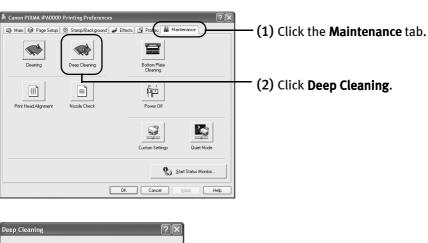
If print quality does not improve by standard print head cleaning, try the print head deep cleaning, which is a more powerful process. The print head deep cleaning consumes ink, so perform this procedure only when necessary.

📖 **Note**   Ensure that the inner cover is closed.

Windows

1   Ensure that the printer is turned on.

2   Open the Printer Properties dialog box.

See **"Opening the Printer Properties Dialog Box Directly from the Start Menu"** on page 21.

3   Start the print head deep cleaning.

(1) Click the **Maintenance** tab.

(2) Click **Deep Cleaning**.

(3) Click **Execute**.

📖 **Note** Clicking **Initial Check Items** displays the items to be checked before cleaning.

(4) When the confirmation message is displayed, click **OK**.

Print head deep cleaning starts when the **POWER** lamp starts blinking.

✎ **Important** Do not perform any other operation until the print head deep cleaning finishes. This takes about one minute.

4 Print the nozzle check pattern to check the print head condition.

See**"Printing the Nozzle Check Pattern"** on page 44.

If a particular color is not printed properly, replace the ink tank of that color.

See **"Replacing an Ink Tank"** on page 37.

📖 **Notes** ● If the print head nozzles are still not clean, open the cover and ensure that there are sufficient ink levels in all ink tanks and turn off the printer. Be sure to perform another print head deep cleaning 24 hours after turning off the printer.
● If this does not solve the problem, the print head may be worn out. Contact the Customer Care Center.

Macintosh

1 Ensure that the printer is turned on.

2 Open the BJ Printer Utility dialog box.

(1) Double-click the hard disk icon where the printer driver was installed, the **Applications** folder, and the **Utilities** folder.

(2) Double-click the **Printer Setup Utility** icon.

When using Mac OS X v.10.2.x, double-click the **Print Center** icon.

(3) Select **iP6000D** from the **Name** list and click **Utility**.

When using Mac OS X v.10.2.x, select **iP6000D** from the **Name** list and click **Configure**.

(4) Select **iP6000D** from the **Product** list and click **Maintenance**.

3 Start the print head deep cleaning.

(1) Select **Cleaning** from the pop-up menu.

(2) Click **Deep Cleaning**.

(3) Click **OK**.

📖 **Note**   Clicking **Initial Check Items** displays the items to be checked before cleaning.

Print head deep cleaning starts when the **POWER** lamp starts blinking.

🚫 **Important**   Do not perform any other operation until the print head deep cleaning finishes. This takes about one minute.

4   Print the nozzle check pattern to check the print head condition.

See **"Printing the Nozzle Check Pattern"** on page 44.

If a particular color is not printed properly, replace the ink tank of that color.

See **"Replacing an Ink Tank"** on page 37.

📖 **Notes**   ● If the print head nozzles are still not clean, open the cover and ensure that there are sufficient ink levels in all ink tanks and turn off the printer. Be sure to perform another print head deep cleaning 24 hours after turning off the printer.
● If this does not solve the problem, the print head may be worn out. Contact the Customer Care Center.

Aligning the Print Head

This operation must be carried out when using the printer for the first time. Aligning the print head allows you to print without shifts in the color registration.
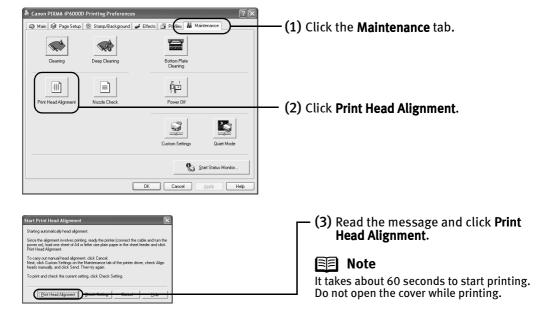
Print head alignment is performed either automatically or manually. This section deals with automatic print head alignment only. For details on how to align the print head manually, refer to the *User's Guide*.

> **Note** Ensure that the inner cover is closed.
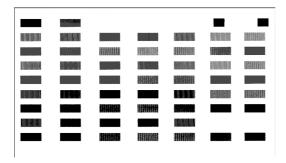
Windows

1 With the printer on, load a sheet of Letter-sized plain paper in the sheet feeder.

2 Open the Printer Properties dialog box.

See **"Opening the Printer Properties Dialog Box Directly from the Start Menu"** on page 21.

3 Align the print head automatically.

(1) Click the **Maintenance** tab.

(2) Click **Print Head Alignment**.

(3) Read the message and click **Print Head Alignment**.

> **Note**
> It takes about 60 seconds to start printing. Do not open the cover while printing.

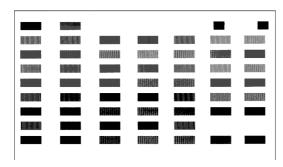**4** If a message warning you not to perform other operations is displayed, click OK.

5 Check the printed pattern.

If the pattern is printed as shown below, the print head is aligned automatically. The printer is now ready to use.
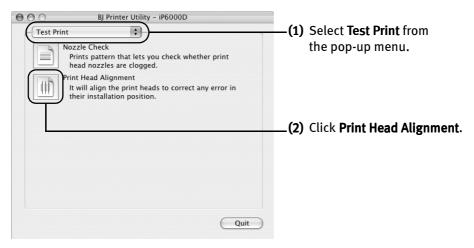
📖 **Notes**
- If the pattern is not printed successfully, open the cover and ensure that the ink tanks are correctly installed.
- If the pattern is still not printed successfully, refer to "Eleven flashes" in "**Handling Error Messages**" on page 72.

M̲acintosh
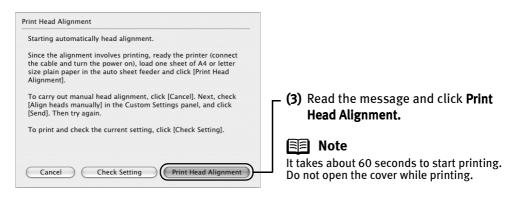
1 With the printer on, load a sheet of Letter-sized plain paper in the sheet feeder.

2 Open the BJ Printer Utility dialog box.

(1) Double-click the hard disk icon where the printer driver was installed, the **Applications** folder, and the **Utilities** folder.

(2) Double-click the **Printer Setup Utility** icon.

When using Mac OS X v.10.2.x, double-click the **Print Center** icon.

(3) Select **iP6000D** from the **Name** list and click **Utility**.

When using Mac OS X v.10.2.x, select **iP6000D** from the **Name** list and click **Configure**.

(4) Select **iP6000D** from the **Product** list and click **Maintenance**.

3 Align the print head automatically.

(1) Select **Test Print** from the pop-up menu.

(2) Click **Print Head Alignment**.

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Print Head Alignment

Starting automatically head alignment.

Since the alignment involves printing, ready the printer (connect the cable and turn the power on), load one sheet of A4 or letter size plain paper in the auto sheet feeder and click [Print Head Alignment].

To carry out manual head alignment, click [Cancel]. Next, check [Align heads manually] in the Custom Settings panel, and click [Send]. Then try again.

To print and check the current setting, click [Check Setting].

Cancel   Check Setting   Print Head Alignment

(3) Read the message and click **Print Head Alignment.**

📖 **Note**
It takes about 60 seconds to start printing. Do not open the cover while printing.

4   Check the printed pattern.

If the pattern is printed as shown below, the print head is aligned automatically. The printer is now ready to use.

📖 **Notes** ● If the pattern is not printed successfully, open the cover and ensure that the ink tanks are correctly installed.
● If the pattern is still not printed successfully, refer to "Eleven flashes" in **"Handling Error Messages"** on page 72.

Troubleshooting

Troubleshooting usually falls into one of the following categories. In this chapter you will find the most common printing problems. Refer to the *User's Guide* for additional information on topics not covered in this section. When an error message is displayed on the LCD or photos cannot be printed properly from a digital camera, refer to the *Direct Printing Guide*.

- **"Cannot Install the Printer Driver"** on page 62
- **"Print Quality is Poor or Contains Errors"** on page 63
- **"Troubleshooting Printer Hardware"** on page 65
- **"Paper Does Not Feed Properly"** on page 68
- **"Paper Jams"** on page 69.
- **"Handling Error Messages"** on page 72
- **"An Error Message Appears on the Screen"** on page 74

Windows

When Error Occurs

The BJ Status Monitor opens and displays a message when an error occurs. Take the appropriate action described in the message.
The message may vary depending on your operating system.

Cannot Install the Printer Driver

Problem	Possible Cause	Try This
Cannot Install the Printer Driver	Installation procedure not followed correctly	Follow the *Easy Setup Instructions* packaged with your printer for proper printer driver installation. **Windows** If the installer was forced to be terminated due to an error, Windows may be unstable. Remove the CD-ROM from the CD-ROM drive and restart your computer. Reinstall the printer driver. If this problem persists, refer to your Windows documentation for more information.
	Other applications (including anti-virus software) running in the background	Other applications opened on your computer can interfere with the installation routine. Close all open software applications before reinstalling the printer driver. Refer to the *Easy Setup Instructions* for installing the printer driver.
	Installation does not start automatically when the *Setup Software & User's Guide CD-ROM* is inserted into the drive	**Windows** If the printer driver installation did not start automatically when you inserted the *Setup Software & User's Guide CD-ROM* into the CD-ROM drive: 1. Click **Start** and select **My Computer**. 2. Double-click the **CD-ROM** icon. For non-Windows XP, open the **My Computer** window, and then double-click the **CD-ROM** icon. **Macintosh** Double-click the **CD-ROM** icon on your desktop to start installation.
	Installation CD-ROM is not working properly	Ensure that there are no problems with the *Setup Software & User's Guide CD-ROM*. If there is any problem with the *Setup Software & User's Guide CD-ROM*, contact the Customer Care Center. **Windows** Use Windows Explorer to ensure that the CD-ROM can be read. **Macintosh** Ensure that the **CD-ROM** icon is displayed on the desktop.
	Unable to proceed beyond the **Printer Port** screen	**Windows** **Reinstall the printer driver.** 1.Click **Cancel** on the **Printer Connection** screen. 2.Click **Start Over** on the **Installation Failure** screen. 3.Click **Back** on the **Easy Install** screen. 4.Click **Exit** on the **Welcome** screen, then remove the CD-ROM. 5.Turn the printer and the computer off. 6.Check the cable connection. 7.Restart the computer. 8.Carefully follow the procedures described in the *Easy Setup Instructions* and reinstall the driver.

Print Quality is Poor or Contains Errors

Problem	Possible Cause	Try This
Ink does not eject properly/Printing is Blurred/Colors are Wrong/White Streaks appear	Ink tank is not seated properly/Ink tank is empty	Check that the ink tanks are firmly seated in the print head and reseat them if necessary. Check that the correct ink tanks are installed and that they are in the correct order. Check to see if all the orange tape has been peeled off as shown in (1). If there remains a part of the orange tape as shown in (2), remove it thoroughly. If ink tank is empty, replace the ink tank. See **"Replacing an Ink Tank"** on page 37.
	Print head is misaligned	Align the print head. See **"Aligning the Print Head"** on page 57.
	Print head nozzles are clogged	Print the nozzle check pattern to check for uneven ink output. See **"Printing the Nozzle Check Pattern"** on page 44. See **"Print Head Cleaning"** on page 49.
	Paper loaded wrong side up	Check the print side of the paper. **Note** Follow the instructions packaged with your specialty media for loading and handling.
	Incorrect paper type	**Windows** On the **Main** tab of the printer driver, confirm that the **Media Type** selected matches the paper loaded. **Macintosh** In the **Print** dialog box of the printer driver, select **Quality & Media** from the pop-up menu, and then confirm that the **Media Type** selected matches the paper loaded.
	Glossy photo paper other than the Canon specialty media is used	Select **Other Photo Paper** from **Media Type**. It may resolve the problem. Load one sheet at a time and remove each sheet as soon as it is printed.
	Print Quality is not set properly	Be sure to set the **Print Quality** setting to **High** in Windows, or **Fine** in Macintosh. **Windows** 1. Open the **Printer Properties** dialog box. 2. On the **Main** tab, click **High** for the **Print Quality** setting. When you cannot choose the **High** setting or when the print quality does not improve, select **Custom**, click **Set** and then adjust the **Quality** bar for higher print quality. **Macintosh** 1. Open the **Print** dialog box. 2. Select **Quality & Media** from the pop-up menu and then click **Detailed Setting**. 3. Drag the **Print Quality** slide bar to the **Fine** end.

Troubleshooting

Problem	Possible Cause	Try This
Printed Paper Curls or Ink Blots	Paper being used is too thin	Use High Resolution Paper, Photo Paper Pro or other Canon specialty paper to print images that have high color saturation.
	Color Intensity setting is too high	Reduce the **Intensity** setting in the printer driver and try printing again. **Windows** 1. Open the **Printer Properties** dialog box. 2. On the **Main** tab, select **Manual** for **Color Adjustment**, and then click **Set**. 3. Drag the **Intensity** slide bar to adjust the intensity. **Macintosh** 1. Open the **Print** dialog box. 2. Select **Color Options** from the pop-up menu. 3. Drag the **Intensity** slide bar to set the intensity.
	Paper feed roller is dirty	Clean the paper feed roller. See **"Paper Does Not Feed Properly"** on page 68.
Printed Surface is Scratched	Inappropriate paper type is used	Check to see if the paper you are printing on is too thick. See **"Print Media to Avoid"** on page 3. If paper is curled, it may be smudged or may not feed properly. Make the paper flat. Refer to "Uncurling the Media" on the *User's Guide*. Note that smudging may occur at the top and bottom edges of the paper when using **Borderless Printing**. Ensure that the paper you are using is compatible with **Borderless Printing**. See **"Media Types Suitable for Borderless Printing"** on page 33.
	Thick paper is used	Select the **Prevent paper abrasion** check box to widen the clearance between the print head and the loaded paper. **Windows** 1. Open the **Printer Properties** dialog box. 2. Click the **Maintenance** tab and then **Custom Settings**. **Important** **In Windows XP and Windows 2000** When not logged on as a computer administrator or Administrators, you cannot open the **Custom Setting** dialog box. For further information on how to log on as an administrator, refer to your Windows documentation. 3. Select the **Prevent paper abrasion** check box and click **Send**. Click **OK** when the confirmation message appears. **Macintosh** 1. Open the **BJ Printer Utility** dialog box. 2. Select **Custom Settings** from the pop-up menu. 3. Select **Prevent paper abrasion**. When **Prevent paper abrasion** is selected in the **Printer Properties** dialog box (Windows) or selected from **Custom Settings** in the **BJ Printer Utility** dialog box (Macintosh), the setting is also applied under direct printing with the digital camera. **Note** Paper abrasion can be prevented by pressing the **RESUME** button on the printer. With the printer on, hold down the **RESUME** button until the **POWER** lamp flashes seven times. To cancel the setting, turn off the printer.
Back of Paper is Smudged	Inside of the printer is dirty	If the inside of the printer is dirty, printed paper may be smudged. Periodically clean the inside of printer. For details on how to clean the inside of printer, refer to "Cleaning the Inside of the Printer" in the *User's Guide*.

Troubleshooting Printer Hardware

Problem	Possible Cause	Try This
Printer Does Not Start or Printer Stops During Print Jobs	The card slot is write-enabled.	If the card slot is write-enabled using the Memory Card Utility, "Card Slot is Write-Enabled" appears on the LCD and printing is disabled. Change the card slot setting to the read-only mode. **Windows** 1. Check that a memory card is not inserted in the printer. 2. Click the ▣ icon found on the right side of the task bar. 3. Click **Change Drive Attribute** from the pop-up menu. **USB Memory Card Setting** screen appears. 4. Select **Read-only Mode**. **Macintosh** 1. Check that a memory card is not inserted in the printer. 2. Double-click the hard disk icon where the printer driver was installed, the **Applications** (or **Applications (Mac OS 9)**) folder. 3. Double-click the **PIXMA iP6000D Memory Card Utility** icon. 3. Select **Read-only Mode**. 4. Click **OK**.
	Print head has overheated due to long periods of continuous printing	Stop printing and turn the printer off for at least 15 minutes to allow the print head to cool down. The print head tends to overheat when printing continuously for long periods of time. The print head is designed to automatically pause at line breaks before resuming printing in order to cool down. ⚠ **Caution** The area around the print head can become extremely hot during extended print operation. Always avoid touching the print head and its peripheral components.
	Printing high-resolution photographs and graphics	Wait until the print job finishes. The **POWER** lamp flashes green while the print data is being processed. Printing photographs and high-density graphics can take time.

Problem	Possible Cause	Try This
	There may be problems with your operating system	Restart your computer. It may solve the problem. Delete an undesired print job, if there is any. Use **BJ Status Monitor** in Windows or **Printer Setup Utility** (or **Print Center**) in Macintosh for the deletion. **Windows** 1. Open the **Printer Properties** dialog box. See "**Opening the Printer Properties Dialog Box Directly from the Start Menu**" on page 21. 2. Click the **Maintenance** tab and then **Start Status Monitor**. 3. Click **Display Print Queue**. 4. Select **Cancel All Documents** in the **Printer** menu. 📖 Note **In Windows Me or Windows 98** Click to select an undesired document and select **Purge Print Documents** in the **Printer** menu. 5. When the confirmation message is displayed, click **Yes**. The print job is deleted. 📖 Note In Windows 2000, the print jobs may not be deleted. **Macintosh** 1. Select **Applications** from the **Go** menu. 2. Double-click the **Printer Setup Utility** icon in the **Utilities** folder. When using Mac OS X v.10.2.x, double-click the **Print Center** icon. 3. Double-click **iP6000D** displayed under **Name** in the **Printer List**. 4. Click to select an undesired document and click 🚫 . The print job is deleted.
	Incorrect paper source is selected	Ensure that **Paper Feed Switch** is selected from **Paper Source** (Windows) or the **Print** dialog box (Macintosh) in the printer driver. If **Paper Feed Switch** is selected, load paper in the paper source selected with paper feed switch on the printer. If you select other settings, ensure that paper is loaded in the correct paper source. For a detailed description of the printer driver settings, refer to "Changing the Paper Source" in the *User's Guide*.
	Paper output tray is closed	Open the paper output tray.
	Inner cover is open	Close the inner cover and press the **RESUME** button.

Problem	Possible Cause	Try This
Cannot Print to End of Job	Incorrect page size is selected	Ensure that the page size setting matches the size of the paper loaded in the printer: ● Check the **Paper Size** setting from within your application to ensure that it matches the size of the paper loaded. ● Check the **Page Setup** tab in the **Printer Properties** dialog box of the printer driver (Windows) or the **Page Setup** dialog box of the printer driver (Macintosh) to ensure that it matches the size of the paper loaded.
	There is not enough free space on the hard disk	Your operating system may be out of free disk space. Check the available space on your computer's hard disk.
	The size of the print data is too large	**W**indows Check the size of the print data. For Windows XP and Windows 2000, if the size of the data is too large, part of it may be lost. When the spool format is EMF, follow the procedure below. 1. Open the **Printer Properties** dialog box. 2. On the **Main** tab, click **Print Options**. 3. Select the **Reduce spool data size** check box, and click **OK**. 📖 Note When **Reduce spool data size** is set, the print quality may be degraded.
	Use reduced printing is not selected when performing automatic duplex printing	In automatic duplex printing, the printable area at the top of the page is 0.08 in/2 mm narrower than the usual area, therefore the bottom edge may not be printed. Select **Use reduced printing** in the printer driver. ⚠ Caution Print layout may be altered with the **Use reduced printing** function. **W**indows 1. Open the **Printer Properties** dialog box. 2. Click **Print Area Setup** in the **Page Setup** tab and select **Use reduced printing**. **M**acintosh 1. In the **Print** dialog box, select **Duplex Printing & Margin** from the pop-up menu. 2. Select **Automatic Duplex Printing**, and select **Use reduced printing** in **Print Area**.

Paper Does Not Feed Properly

Problem	Possible Cause	Try This
Paper Does Not Feed Properly	Inappropriate paper type is used	Check to see if the paper you are printing on is too thick. See "**Print Media to Avoid**" on page 3. If paper is curled, it may be smudged or may not feed properly. Make the paper flat. Refer to "Uncurling the Media" on the *User's Guide*.
	Inner cover is open.	Close the inner cover and click the **RESUME** button on the printer. Ensure that the inner cover is completely closed, since if it is not, you cannot print because the paper will not feed properly.
	Paper feed roller is dirty	Follow the steps described below to clean the paper feed rollers. 1. Ensure that the printer is on and there is no paper loaded in the printer. 2. Select the paper feed roller of the sheet feeder or cassette by pressing the paper feed switch on the printer. 3. Hold down the **RESUME** button down and release after the **POWER** lamp flashes three times. The paper feed roller rotates as it cleans. 4. Repeat this cleaning operation two times. 5. Load three or more sheets of Letter-sized plain paper lengthways in the sheet feeder or cassette selected in step 2. 6. Hold down the **RESUME** button and release after the **POWER** lamp flashes three times. Paper is fed and output. 7. Repeat this operation three times. If the printer still does not feed the paper properly through the printer, even after the cleaning operation, repeat the procedure.
	There are foreign objects inside the sheet feeder or cassette	If a foreign object, such as a paper clip or a pencil, has fallen into the printer, turn off the printer and unplug the power cord from the power outlet before you try to remove it. If you are unable to remove it easily, contact the Customer Care Center.
	Paper is loaded incorrectly	Ensure that paper is loaded correctly. Slide the paper guides against the paper stack, so that the paper will not be loaded beyond the load limit mark. See "**Loading Paper**" on page 3 and "**Canon Speciality Media**" on page 13.

Paper Jams
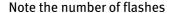
Problem	Possible Cause	Try This
Paper Jams	Paper jams in the sheet feeder or paper output slot	Remove the paper according to the following procedure. 1. Slowly pull the paper out from the paper output slot. • If the paper is jammed in the sheet feeder, slowly pull the paper out from the sheet feeder. • If you cannot pull the paper out, turn the printer off, and then turn it back on. The paper will be ejected automatically. 2. If you cannot pull the paper out in step 1, or the paper tears and a piece remains inside the printer, open the cover and remove it. After removing all paper, close the cover. ⚠ **Caution** Be careful not to touch the components inside the printer. 3. Reload the paper into the printer and press the **RESUME** button on the printer. 📖 **Note** When reloading the paper into the printer, refer to **"Paper Does Not Feed Properly"** on page 68 to confirm that you are using the correct paper and are loading it into the printer correctly. If you have turned off the printer in step 1, you will need to retry printing, because this operation cancels any print jobs in progress. If you cannot remove the paper or the paper tears inside the printer, or if the paper jam error continues after removing the paper, contact the Customer Care Center.

Problem	Possible Cause	Try This

Paper Jams	Paper jams inside the transport unit	Remove the paper according to the following procedure.
		1. Open the rear cover.
		
		2. When you can see the jammed paper, slowly pull the paper out.
		
		⚠ Caution Be careful not to touch the components inside the printer.
		    If you cannot extract the paper, turn the printer off, and then turn it back on. The remaining paper will be ejected automatically.
		3. Close the rear cover.
		4. If you could not extract the paper in step 2, remove the cassette.
		5. Slowly pull the jammed paper out.
		
		6. If any paper is sticking out of the cassette, reload the paper in the cassette.
		7. Reload the paper in the sheet feeder if necessary, and press the **RESUME** button on the printer.
		
		📖 Note When reloading the paper into the printer, refer to **"Paper Does Not Feed Properly"** on page 68 to confirm that you are using the correct paper and are loading it into the printer correctly.
		    If you have turned off the printer in step 2, you will need to retry printing, because this operation cancels any print jobs in progress.
		    If you cannot remove the paper or if the paper tears inside the printer, or if the paper jam error continues after removing the paper, contact the Customer Care Center.

Problem	Possible Cause	Try This
Paper Jams	Paper jams in the duplex transport section	Remove the paper according to the following procedure. 1. Remove the cassette. If the paper is loaded in the sheet feeder, remove the paper from the sheet feeder. 2. Stand the printer with the rear side down. ⚠ **Caution** Support the cover and the paper support with your hands when standing the printer. 3. Slowly pull the jammed paper out while pulling the green cover toward you. ⚠ **Caution** Put back the printer immediately after removing the jammed paper. 4. If any paper is sticking out of the cassette, reload the paper in the cassette. Reload paper in the sheet feeder, if necessary. 5. Insert the cassette into the printer. 6. Press the **RESUME** button on the printer. 📖 **Note** When reloading the paper into the printer, refer to **"Paper Does Not Feed Properly"** on page 68 to confirm that you are using the correct paper and are loading it into the printer correctly. If you cannot remove the paper or if the paper tears inside the printer, or if the paper jam error continues after removing the paper, contact the Customer Care Center.

Handling Error Messages

When a printer error occurs, the POWER/ERROR lamp flashes. The number of flashes indicates the type of error that has occurred. Count the flashes and take the appropriate action to correct the error.

Note the number of flashes

Green (lights longer than orange) ➡ Flashes orange ➡ Green (lights longer than orange) ➡ Flashes orange ⟩ Repeats

Number of Flashes	Possible Cause	Try This
Two flashes	Printer is out of paper/Paper does not feed	Reload paper in the sheet feeder or cassette and press the **RESUME** button.
Three flashes	Paper jam/Paper output tray is closed	Clear the jammed paper, reload paper in the printer, then press the **RESUME** button. If the paper output tray is closed, open it. See "**Paper Jams**" on page 69.
Four flashes	Empty ink tank	Press the **RESUME** button to resume printing with an empty ink tank. Replace it with a new ink tank immediately after the printing. It may damage the printer if you continue printing with an empty ink tank. See "**Replacing an Ink Tank**" on page 37.
Five flashes	Print head not installed/Print head not installed correctly/Defective print head	Install the print head. If the print head is already installed, remove the print head and check the electrical contacts for foreign matter, then reinstall. After reinstalling the print head, you may need to realign it. If this error still remains, the print head may be damaged. Contact the Customer Care Center.
Six flashes	Inner cover is open	Close the inner cover and press the **RESUME** button.
Eight flashes	Waste ink absorber* almost full	The printer has a built-in waste ink absorber for the ink used during print head cleaning. Eight flashes indicates that the waste ink absorber is nearly full. Press the **RESUME** button to cancel the error so you can continue printing. Before the waste ink absorber becomes completely full, contact the Customer Care Center.
Nine flashes	A specified period of time has elapsed without receiving a response from the digital camera/The digital camera or digital video camcorder connected is not compatible with this printer	Disconnect the camera cable, press the **RESUME** button and reconnect the cable. If the error is still unresolved, there is a possibility that you are using a digital camera or digital video camcorder that is not supported by this printer. Use a digital cameras or digital video camcorder compatible with this printer.

*   The waste ink absorber absorbs ink used during cleaning.

Number of Flashes	Possible Cause	Try This
Ten flashes	Cannot print on both sides of the page	The size of paper may not be compatible with Automatic Duplex Printing. Pressing the **RESUME** button will discharge the paper, and restart printing from the front side of the next paper. The reverse side will not be printed when an error occurs. For detailed information on the paper compatible with Automatic Duplex Printing, refer to "Automatically Printing on Both Sides of the Page" in the *User's Guide*.
Eleven flashes	Automatic print head alignment failed	Possible causes are as follows: ● Letter-sized paper is not loaded on the sheet feeder. ● Ink has run out or ink tanks are not installed correctly. See "**Ink tank is not seated properly/Ink tank is empty**" on page 63. ● Ink level is low ● Print head nozzles are clogged. Press the **RESUME** button. See "**Printing the Nozzle Check Pattern**" on page 44 for information on how to print a nozzle check pattern. ● The paper output slot has been exposed to a strong light source preventing correct print head alignment. Press the **RESUME** button and move the printer to a darker location. Try to align the print head again. If the print head alignment fails again, manually align the print head. For a detailed description of manual alignment, refer to "Aligning the Print Head" in the *User's Guide*.
📖 Note	**POWER** lamp flashes alternately green and orange	An error that requires contacting the Customer Care Center may have occurred. Disconnect the printer cable from the printer, and then turn the printer off and unplug the printer from the power supply. Plug the printer back in and turn the printer back on after leaving it after a while. If the problem remains, contact the Customer Care Center.

An Error Message Appears on the Screen

Problem	Possible Cause	Try This
Windows Writing Error/Output Error/ Communication Error	Printer is not ready	Ensure that the **POWER** lamp lights green. If the **POWER** lamp is off, turn the printer on. The **POWER** lamp will flash green when the printer is initializing. Wait until the **POWER** lamp stops flashing. When the **POWER** lamp is flashing orange, an error may occur in the printer. For details on how to resolve the error, refer to "**Handling Error Messages**" on page 72.
	Paper is not loaded	Load paper and press the **RESUME** button. If paper is loaded, ensure that the paper source is selected correctly. Select the paper source with the paper feed switch on the printer or in the printer driver.
	Paper is not loaded correctly	Remove the paper, fan the paper to ensure that sheets are not sticking together, and reload the paper correctly into the sheet feeder or cassette.
	Printer port setting does not match the interface connected to the printer	Check the printer port settings. 1. Open the **Printer Properties** dialog box. See "**Opening the Printer Properties Dialog Box Directly from the Start Menu**" on page 21. 2. Click the **Port** tab (or the **Details** tab) to confirm the port settings. A USB port is selected if either USBnnn (Canon PIXMA iP6000D) or USBPRNnn (Canon PIXMA iP6000D) is indicated. If the port setting is not correct, change the port setting according to the interface you are using on the **Port** tab (or the **Details** tab), or reinstall the printer driver.
	Faulty connection	Ensure that the printer cable is securely connected to the computer. 📖 **Notes** ● If using a switching hub or other device, disconnect the printer and reconnect it directly to the computer and try printing again. If successful, the problem may have been with the device. ● There could also be a problem with the cable(s). Replace the cable(s) and try printing again.
	Printer driver is not installed properly	Uninstall then reinstall the printer driver. 1. Click **Start**, and select **All Programs** (or **Programs**), **Canon PIXMA iP6000D Manual**, and **Uninstall**. 2. Follow the on-screen instructions to uninstall the driver. 3. Follow the procedures described in the *Easy Setup Instructions* and reinstall the printer driver.

Problem	Possible Cause	Try This
Windows Writing Error/Output Error/ Communication Error	Printer port error	Verify the printer port status. 1. Click **Start**, right-click **My Computer** and select **Properties**. When using versions of Windows other than Windows XP, right-click **My Computer** on the desktop and select **Properties**. 2. Click the **Hardware** tab and click **Device Manager**. Double-click **Universal Serial Bus controllers**, and **USB Printing Support**. When using Windows Me or Windows 98, click the **Device Manager** tab. Double-click **Universal Serial Bus controllers**, and **Canon PIXMA iP6000D**. 3. Check whether the **General** tab shows any unusual condition.
Cannot print with Automatic Duplex Printing	Size of loaded paper is incorrect	Ensure that the size of loaded paper is suitable for **Automatic Duplex Printing**.
	Incorrect paper size is selected	Check the **Paper Size** setting from within your application to ensure that it matches the size of the paper loaded. Check **Paper Size** on the **Page Setup** tab in the **Printer Properties** dialog box (Windows) or the **Page Setup** dialog box (Macintosh) to ensure that it matches the size of the paper loaded. For the paper size compatible with **Automatic Duplex Printing**, refer to "Automatically Printing on Both Sides of the Page" on the *User's Guide*. 📖 Note To print on both sides of the page manually, follow the procedure below. Windows On the **Page Setup** tab, clear the **Duplex Printing** check box. Then try printing again. Macintosh When using Mac OS 9.x, select **Options** from the pop-up menu in the **Print** dialog box, and then clear the **Automatic** check box. Then try printing again. Mac OS X does not support the manual duplex printing.
Macintosh "Error No.: 300" *	Printer is not ready	Ensure that the **POWER** lamp lights green. If the **POWER** lamp is off, turn the printer on. The **POWER** lamp will flash green when the printer is initializing. Wait until the **POWER** lamp stops flashing. When the **POWER** lamp is flashing orange, an error may occur in the printer. For details on how to resolve the error, refer to "**Handling Error Messages**" on page 72.
	Printer is not properly connected	Ensure that the printer is securely connected to the computer. 📖 Notes ● If using a switching hub or other device, disconnect the printer and reconnect it directly to the computer and try printing again. If successful, the problem may have been with the device. ● There could also be a problem with the cable(s). Replace the cable(s) and try printing again.
	Printer you want to use is not selected on the **Printer** pop-up menu on the **Print** dialog box.	Select **iP6000D** on the **Printer** pop-up menu on the **Print** dialog box. If **iP6000D** does not appear on the **Printer** pop-up menu, add the printer following the procedures described in the *Easy Setup Instructions*.
Macintosh "Error No.: 1700"*	Waste ink absorber almost full**	The printer has a built-in waste ink absorber to hold the ink used during print head cleaning. Eight flashes indicates that this absorber is nearly full. Press the **RESUME** button to clear the error so you can continue printing. Before the waste ink absorber becomes completely full, contact the Customer Care Center.
Macintosh "Error No.: 1851"*	Inner cover is open when printing starts	Close the inner cover, then press the **RESUME** button.

Troubleshooting

Problem	Possible Cause	Try This
Macintosh "Error No.: 1856"*	Inner cover is opened while printing	Close the inner cover, then press the **RESUME** button. Try printing again.
Macintosh "Error No.: 2001"*	A specified period of time has elapsed without receiving a response from the digital camera/The digital camera or digital video camcorder connected is not compatible with this printer	Disconnect the camera cable, press the **RESUME** button on the printer and reconnect the cable. If the error is still unresolved, there is a possibility that you are using a digital camera or digital video camcorder that is not supported by this printer. Use a digital camera or digital video camcorder compatible with this printer.
Macintosh "Error No.: 2500"*	Automatic print head alignment failed	See "Eleven flashes" in "**Handling Error Messages**" on page 73.

* When using Mac OS 9.x, a character is displayed before the error number.

** The waste ink absorber absorbs ink used during cleaning, for example. When you experience this error, you will need to call for servicing to replace the waste ink absorber and to check the printer for proper operation.

Appendix

Installing the Printer Driver when using Mac OS 9.x

When using Mac OS 9.x, install the printer driver following the procedure below.

1 Turn on your Mac and insert the *Setup Software & User's Guide CD-ROM*.

2 Open the Mac OS 9.x folder on the CD-ROM, then double–click the Printer Driver folder.

3 Double-click the Installer icon in the Printer Driver folder.

4 Read the License Agreement and click Accept, if you agree.

5 Click Install.

The printer driver will load automatically.

6 If the message "No other applications can be running..." is displayed, click Continue.

7 When the "Installation was successful" screen displays, click Restart.

8 Open the Mac OS 9.x folder on the CD-ROM, then double-click the Memory Card Utility folder.

9 Double-click the Memory Card Utility.mpkg icon. Follow the on-screen instructions.

10 If prompted, restart your computer.

11 Open the Mac OS 9.x folder on the CD-ROM, then double-click the Application folder.

12 Double-click on the software to be installed. Follow the on-screen instructions.

13 When the "Installation has Finished" screen appears, click OK.

14 When prompted, restart your computer.

15 Select the Apple menu, then Chooser.

16 Click the PIXMA iP6000D icon in the Chooser.

17 Close the Chooser.

📖 **Note** Register your product at www.registercanon.com to ensure product support.

18 To ensure highest quality output, carry out print head alignment.

📖 **Note** Refer to the *Printer Driver Guide for Mac OS 9* located on the *Setup Software & User's Guide CD-ROM* for instructions on how to align the print head.

User's Guide Table of Contents

Your printer's electronic *User's Guide*, located on the *Setup Software and User's Guide CD-ROM*, offers detailed information on the following topics.

Specifications

Printer

Printing resolution:	**4800* X 1200 dpi. max.** **(* Ink droplets can be placed in a pitch of 1/4800 inch at minimum.)**
Print speed*: * Print speed may vary with the content of the document and the processing speed of the host computer.	**Black printing** **Max. Speed (Custom Setting 5): 11 ppm** **Standard: 4.3 ppm** **Color printing** **Max. Speed (Custom Setting 5): 9 ppm** **Standard: 3 ppm**
Print width:	**203.2 mm max. (8.0 in)** **(for Borderless Printing: 215.9 mm / 8.5 in)**
Resident print control mode:	**Canon extended mode**
Receive buffer:	**56 KB**
Interface:	**USB / Direct Print Port / IrDA 1.2 (JPEG only)**
Acoustic noise level:	**Approx. 35 dB (A) (in the highest print quality mode)**
Operating environment:	**Temperature: 5 to 35°C (41 to 95°F)** **Humidity: 10 to 90%RH (no condensation)**
Storage environment:	**Temperature: 0 to 40°C (32 to 104°F)** **Humidity: 5 to 95% RH (no condensation)**
Power supply:	**AC 100-120 V, 50/60 Hz** **AC 220-240 V, 50/60 Hz**
Power consumption:	**Off: Approx. 1 W** **Print Standby: Approx. 3 W** **Printing: Approx. 15 W**
Dimensions **(with the paper support and paper output tray retracted):**	**16.89 (W) X 12.28 (D) X 7.68 (H) in** **429 (W) X 312 (D) X 195 (H) mm**
Weight:	**Approx. 7.0 kg (15.43 lb.)**
Print Head:	**Black: 256 (128 x 2) nozzles (1200 dpi)** **Color: (128 x 2) x 5 nozzles per each color (1200 dpi)**

Printer

Ink Tanks:	Capacity (pages):
	Black (BCI-6BK) approx. 520[*1], approx. 540[*2]
	Cyan (BCI-6C) approx. 780[*2]
	Magenta (BCI-6M) approx. 580[*2]
	Yellow (BCI-6Y) approx. 360[*2]
	PhotoCyan (BCI-6PC) approx. 410[*2]
	PhotoMagenta (BCI-6PM) approx. 260[*2]

*1 1500 characters per page, normal text, at standard and plain paper mode with Windows XP printer driver

*2 Based on printing the ISO JIS-SCID No.5 pattern at standard and plain paper mode with Windows XP printer driver

Supported recording media:	CompactFlash Card, SmartMedia Card, Memory Stick, SD Card, MultiMedia Card, Microdrive
	(Other memory cards can be used through the adapter which is compatible with the above.)
Supported recording formats:	JPEG (DCF/CIFF/Exif2.21 or earlier/JFIF), TIFF (Exif compliant), DPOF compliant

Camera Direct Print
● Canon "Bubble Jet Direct"

Compatible Paper	Card #1 (Photo Paper Pro 4" x 6" /101.6 x 152.4 mm)
	Card #2 (Photo Paper Plus Glossy, Photo Paper Plus Semi-gloss, or Glossy Photo Paper 4" x 6" /101.6 x 152.4 mm)
	Card #3 (Photo Paper Plus Glossy 5" x 7" /127.0 x 177.8 mm)
	LTR (Photo Paper Pro, Photo Paper Plus Glossy, Photo Paper Plus Semi-gloss, or Glossy Photo Paper Letter)
	A4 (Photo Paper Pro, Photo Paper Plus Glossy, Photo Paper Plus Semi-gloss, or Glossy Photo Paper A4)
Layout Print	Standard: Borderless / with border, Index Print: 6-80 images
Print Quality	High
Image Optimize	Exif Print
Date Print	Supported
DPOF Functions	Ver. 1.00 compatible (Index print, number of copies, select images, print special characters (date))

Camera Direct Print
● "PictBridge"

Paper size[*1]	10 x 15 cm/4" x 6" (Photo Paper Plus Glossy, Photo Paper Pro, Photo Paper Plus Semi-gloss, or Glossy Photo Paper)
	13 x 18 cm/5" x 7" (Photo Paper Plus Glossy)
	A4/8.5" x 11" (Photo Paper Plus Glossy A4/Letter, Photo Paper Pro A4/Letter, Photo Paper Plus Semi-gloss A4/Letter, or Glossy Photo Paper A4/Letter)
	5.4 x 8.6 cm/Credit Card (Glossy Photo Paper Credit Card)
Paper type[*1]	Photo (Photo Paper Plus Glossy), Fast (Photo Paper Pro)
Layout[*1]	Borderless, Bordered
	When 4" x 6" is selected from "Paper size", 2-up, 4-up, 9-up, and 16-up options may be available in "Layout".
Image optimize[*1]	"VIVID"[*2], "NR" (Noise Reduction)[*2], "VIVID+NR"[*2]
Date print	Off: No printing

*1 When settings cannot be made on the camera, or when "Standard Setting" is selected, the printer's settings will be applied to print.

*2 If using a Canon PictBridge-compatible camera, you can select it.

BJ Printer Driver Systems Requirements

Windows
- Use a computer equipped on which Windows XP, Windows 2000, Windows Me, Windows 98 can operate.
- USB interface[*]
- CD-ROM drive
- Available hard-disk space for printer driver installation
  Windows XP/Windows 2000: 50MB
  Windows Me/Windows 98: 15MB

  * USB operation can only be guaranteed on a PC with pre-installed Windows XP, Windows 2000, Windows Me, or Windows 98.

Macintosh
- Use a Macintosh series computer equipped with USB interface on which Mac OS 9.x or Mac OS X v.10.2.1 or later can operate.
- USB interface
- CD-ROM drive
- Available hard-disk space for printer driver installation
  Mac OS X v.10.2.1 to 10.3: 100 MB
  Mac OS 9.x: 30 MB
- The following functions are not supported when using Mac OS X v.10.2.1 to 10.3:
  - Manual Duplex Printing
  - Photo Optimizer Pro
  - Poster Printing
  - Fit-to-Page Printing
  - Booklet Printing
  - Reverse Order Printing (supported with Mac OS X v.10.3.x)

Additional Systems Requirements for Electric Manual

- Pentium® 75 MHz equivalent or higher processor (Pentium® 133MHz equivalent or higher processor recommended)
- 15 MB of available hard disk space (when installing electronic manuals)
- 2x or higher CD-ROM drive (4x or higher recommended)
- Windows: Microsoft Internet Explorer 5.0 or later
  Mac OS: Microsoft Internet Explorer 5.0 or later, Safari 1.0 or later

⚠ Safety Precautions

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

Warning   You may cause an electric shock/fire or damage the printer if you ignore any of these safety precautions.

Choosing a location	Do not place the printer close to flammable solvents such as alcohol or thinners.
Power supply	Never attempt to plug in or unplug the printer 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 printer into a power socket that is shared with other equipment (extension lead/cord, 2- or 3- way adapter, etc.).
	Never use the printer if the power cord is bundled or knotted.
	If you detect smoke, unusual smells or strange noises around the printer, immediately unplug the printer at the power supply and call for service.
	Periodically, unplug the printer and use a dry cloth to wipe off any dust or dirt collected on the plug and the power outlet. If the printer 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.
Cleaning the printer	**Use a damp cloth to clean the printer. Never use flammable solvents such as alcohol, benzene or thinners.** If flammable solvents come in contact with electrical components inside the printer, it could cause a fire or electric shock.
	Always unplug the printer from the power outlet before cleaning the printer. If you accidentally switch the printer on while cleaning it, you could injure yourself or damage the printer.
Maintaining the printer	**Do not attempt to disassemble or modify the printer. There are no user serviceable parts inside the printer.** The printer contains high-voltage components. Never attempt any maintenance procedure not described in this guide.
Working around the printer	**Do not use flammable sprays near the printer.** This could cause a fire or electric shock if the spray comes into contact with electrical components inside the printer.

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

Choosing a location	**Do not install the printer in a location that is unstable or subject to excessive vibration.**
	Do not install the printer in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source. To avoid the risk of fire or electric shocks, install the printer 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 printer on a thick rug or carpet.
	Do not place the printer 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.

	Never use a power supply source other than the one rated for the printer in the country where you purchased the printer.
	    AC 100-120 V, 50/60 Hz
	    AC 220-240 V, 50/60 Hz

Working around the printer	**Never put your hands or fingers in the printer while it is printing.**
	Do not place any object on the printer.
	Do not transport or store the printer on a slant, vertically or upside-down, as the ink may leak and damage the printer.
	Do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the printer.
	If any foreign object (metal or liquid) fall into the printer, unplug the power cord and call for service.
Print heads and ink tanks	**For safety reasons store print heads and ink tanks out of the reach of small children.** If a child ingests any ink, consult a doctor immediately.
	Do not shake print heads or ink tanks. Ink may leak out and stain clothing or the surrounding area.
	Never touch the electrical contacts on a print head after printing. The metal parts may be very hot and could cause burns.

Regulatory Information

Color Printer Model: K10246 (iP6000D)

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

Canadian Radio Interference Regulations

This digital apparatus does not exceed Class B limits for radio noise emissions from a digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry Canada.

Cet appareil numérique respecte les limites de bruits radio éléctiques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par l'Industrie Canada.

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 (a) for a period of one (1) year from the date of original purchase when delivered to you in new condition in its original container or (b) for 90 days from the date of original purchase for refurbished Products. Defective parts or a defective 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 repaired, exchanged for new or comparable rebuilt parts, or 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, 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 or supplies (other than those sold by Canon USA) 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-ROM'S 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.

Appendix

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

- For interactive troubleshooting, e-mail technical support, the latest driver downloads and answers to frequently asked questions (www.canontechsupport.com)
- Toll-free live technical support within the limited warranty Monday-Saturday (excluding holidays) at 1-800-828-4040
- The location of the ASF nearest you for carry-in service (1-800-423-2366)
- Telephone Device for the Deaf (TDD 1-866-251-3752)

If the problem cannot be corrected by using one of the above technical support options, repair options (i.e. Carry-In/Mail-In Service*, InstantExchange Warranty Service*), along with details and conditions of each, are available at the time of your call to the live technical support number(s) above or via the website at www.canontechsupport.com. Please note that under the InstantExchange program, a replacement product will be provided to you prior to your return of the defective product. Since the defective product becomes the property of Canon USA at the time of the exchange, the defective product must be returned in the shipping materials provided. If the defective product is not returned, as directed, you will be responsible for the value of the replacement product, for which Canon USA may invoice you.

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

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

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*Support program specifics are subject to change without notice.

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