Canon

i 860

Desktop Photo Printer

Quick Start Guide

Canon i860 Desktop Photo Printer Quick Start Guide.

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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 i860 printer and how to use them. For more information, view the i860 *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 the **Help** button when displayed.
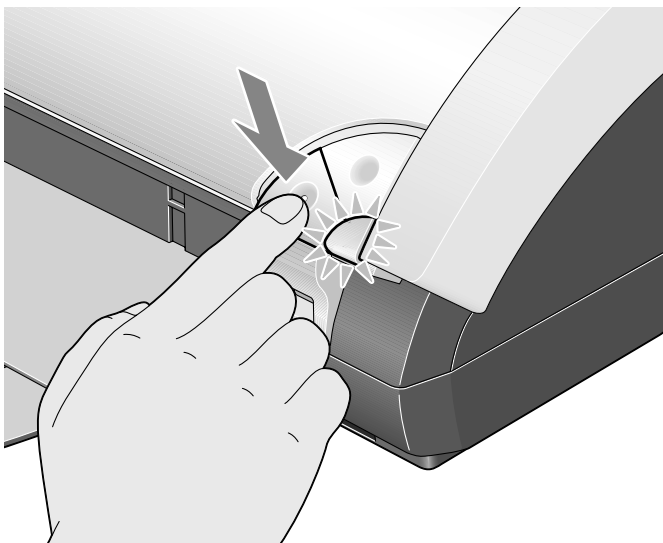
Macintosh

Turn Balloon Help on by selecting **Help**, then **Show Balloon Help**.

Turning on the Printer

1   **Press the POWER button.**

The **POWER** lamp flashes while the printer warms up and changes to 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 the section "**Handling Error Messages**" on page 72.

Loading Paper

■ 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 affixed with photos or stickers
- Envelopes with double flaps
- Sealed envelopes
- Envelopes with an embossed or treated surface
- Any type of paper with holes (such as loose-leaf)

■ Loading the Print Media

The diagrams and computer screens in this guide refer to the i860.

- For detailed information on the specialty media Canon provides for use with its various printers, refer to the section "**Using Specialty Media**" on page 6.
- Consult 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.

Important When paper is curled, hold the opposing curled corners and gently bend them in the opposite direction until the paper becomes completely flat.

2 Prepare to load paper.

(1) Open the paper rest and then the paper rest flap to support the paper.

(2) Open the cover and pull out the paper output tray completely (in the order of ①, ② and ③).
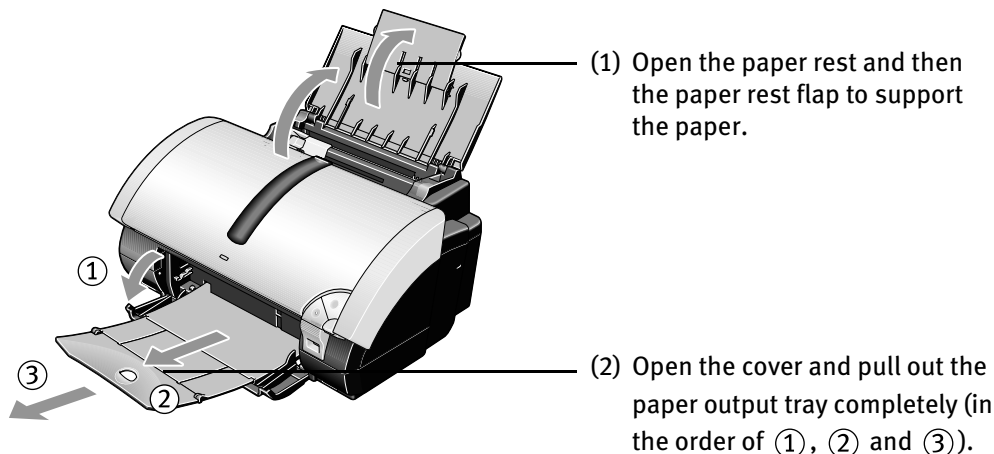
3 Load the paper.

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

Load Limit Mark
Do not load beyond this Load Limit Mark.

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

(3) Pinch the paper guide and slide it against the left side of the stack of paper.
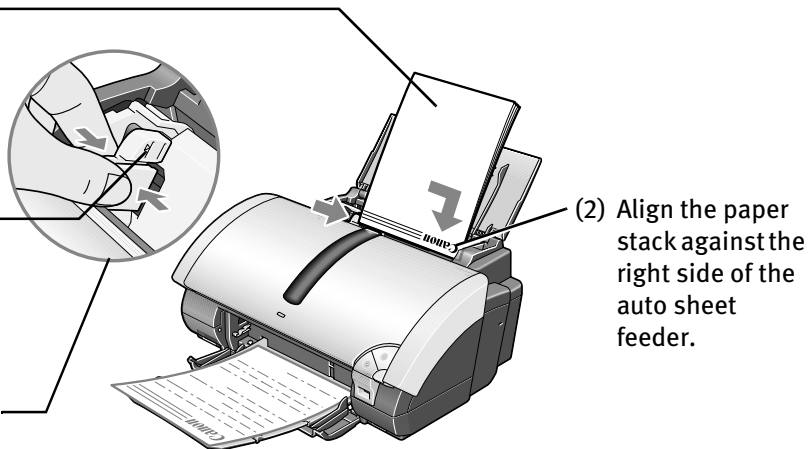
Note
- Do not stack more than 50 sheets in the paper output tray.
- Do not touch the printed surface until the ink dries. For specific drying times, refer to the instructions packaged with your media.

Using Specialty Media

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

■ Photo Quality Media

- Photo Paper Pro
- Photo Paper Pro Perforated
- Photo Paper Plus Glossy
- Matte Photo Paper
- Glossy Photo Paper
- High Resolution Paper

■ Media Suited for Business Documents

- High Resolution Paper
- Transparencies

■ Canon Specialty Media

Media Type	Paper Rest Load Limit	Printer Driver Setting for Media Type
Photo Paper Pro	Letter: up to 10 sheets[*] 4" x 6": up to 20 sheets	Photo Paper Pro[**]
Photo Paper Pro Perforated	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	Photo Paper Plus Glossy
Matte Photo Paper	Up to 10 sheets	Matte Photo Paper
Glossy Photo Paper	Letter: up to 10 sheets 4" x 6": up to 20 sheets	Glossy Photo Paper
High Resolution Paper	Up to 80 sheets	High Resolution Paper
T-Shirt Transfers	1 sheet	T-Shirt Transfer
Transparencies	Up to 30 sheets	Transparency

Note
- When using plain paper (64 gsm), up to 150 sheets (13 mm in height) can be loaded. Select **Plain Paper** from the printer driver Media Type.
- For detailed description of print media types, refer to the *User's Guide.*
- *: If Letter-sized paper does not feed properly in the auto sheet feeder, fan the paper to avoid them from sticking together. Then, load the necessary number of sheets (up to 10) in the auto sheet feeder.
- **: Print settings are much easier to select if you use the applications included on the *Setup Software & User's Guide CD-ROM* when printing with Photo Paper Pro (4" x 6").
  For instructions on how to print from the software applications, refer to the *Photo Application Guide*.
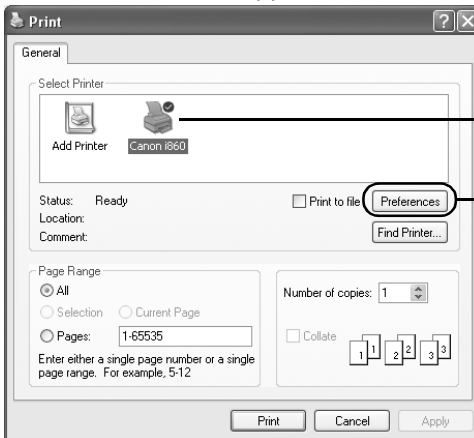
Windows

Printing with Windows

📖 **Note**
- 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 Create a document or open a file to print.

2 Open the **Printer Properties** dialog box.

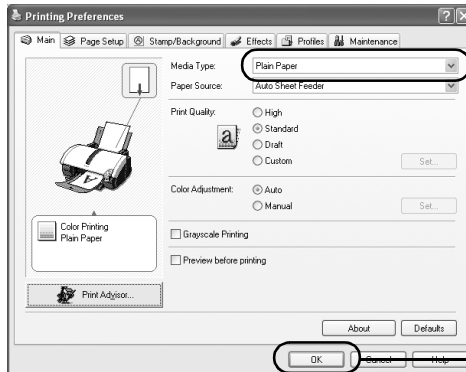(1) Select **Print** from the application software's **File** menu.

(2) Ensure that **Canon i860** is selected.

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

📖 **Note** In Windows 2000, click the **Main** tab in the **Print** dialog box.

3 Specify the required settings.

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

(2) Click **OK**.

📖 **Note**
- From the **Page Setup** tab, select the correct document size to be printed.
- 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 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.
- The print settings are automatically changed according to the type of paper loaded in the printer if **Plain Paper** has been selected in **Media Type**. (This function is not available with Windows NT 4.0.) To ensure high printing quality, you are recommended to select the desired type of paper in Media Type first.

4 Print the document.
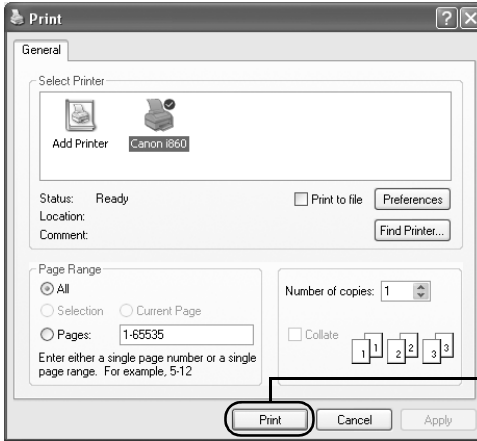
(1) Click **Print** or **OK**.

> 📖 **Note** You can cancel a print job in progress by simply pressing the **RESUME/CANCEL** button on the printer.

Macintosh
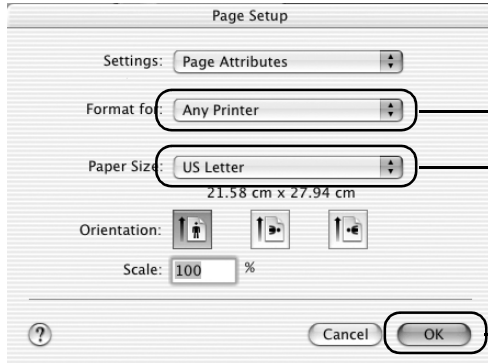
Printing with Macintosh

> 📖 **Note** ● 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.

1 Create a document or open a file to print.

2 Select Paper Size.

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

Page Setup

Settings: Page Attributes

Format for: Any Printer

Paper Size: US Letter

21.58 cm x 27.94 cm

Orientation:

Scale: 100 %

Cancel OK

(2) Select **i860** from **Format for.**

(3) Select the desired paper size from the **Paper Size** pull-down menu.

(4) Click **OK.**

3 Specify the required settings.

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

Print

Printer: i860

Presets: Standard

Quality & Media

BJ Cartridge : Color

Media Type: Plain Paper

Paper Source : Auto Feeder

Print Mode :
○ Printing a top-quality photo
○ Printing tables and charts
● Printing a composite document
○ Detailed Setting

Print Quality :
Fast   Fine

Halftoning : ○ Dither   ● Diffusion

☐ Grayscale Printing

Preview   Save As PDF...   Cancel   Print
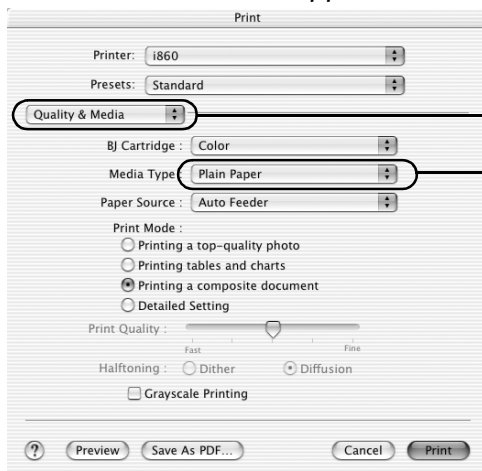
(2) Select **Quality & Media** from the pull-down menu.

(3) Select the desired media type from the **Media Type** pull-down menu.
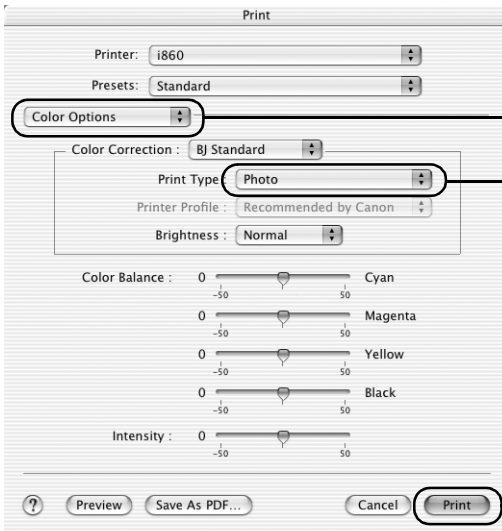
(4) Select **Color Options** from the pull-down menu.

(5) Select the type of the document from the **Print Type** pull-down menu.

(6) Click **Print**.

📖 **Note**
- For details about other printer driver functions, refer to the *User's Guide* or **Help**.
- Double-clicking the printer name 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**.

Advanced Printing

Printing Photographs Directly from a Digital Camera

Connecting a digital camera or digital video camcorder to the printer allows you to print captured images directly without using a computer. Use the USB cable that came with your digital camera to connect to the printer.

📖 **Note**
- To print directly from a digital camera or digital video camcorder, use only "PictBridge" or Canon "Bubble Jet Direct" compatible digital cameras or digital video camcorders. This section describes how to print from a digital camera or digital video camcorder that is compatible with "Bubble Jet Direct." For details on how to use "PictBridge," refer to a separate leaflet titled "Direct Printing for PictBridge-compliant Digital Camera."
- When you print directly from a digital camera, you need to operate from the camera itself.
- You are recommended to use a household power source rather than the battery pack to power the camera when it is connected to a printer. If you do use a battery pack, ensure that it is fully charged.
- When printing from your PC, be sure to unplug the cable connecting to the digital camera with Bubble Jet Direct.
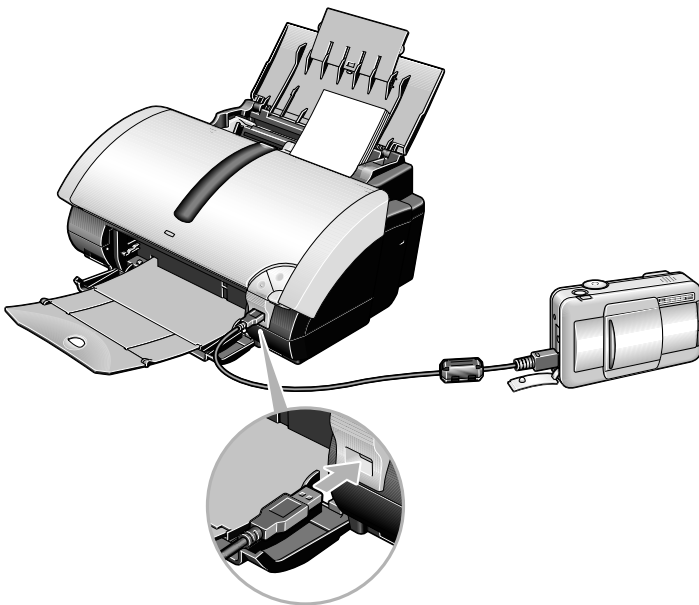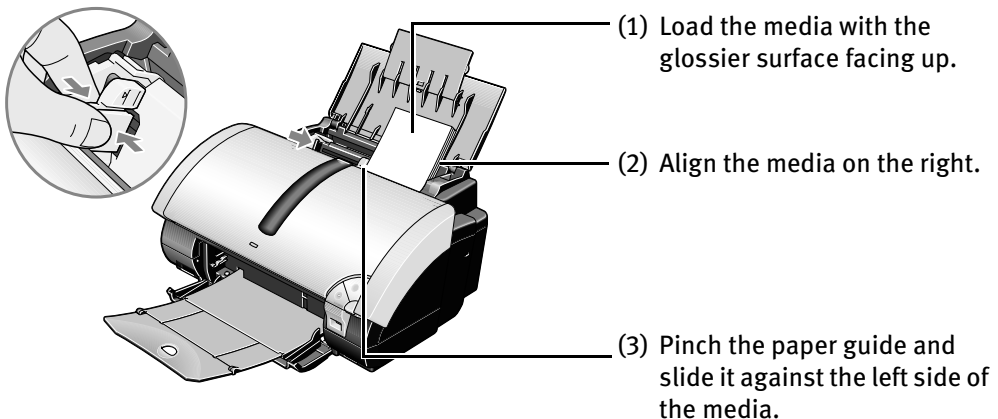
■ Media Types for Digital Camera
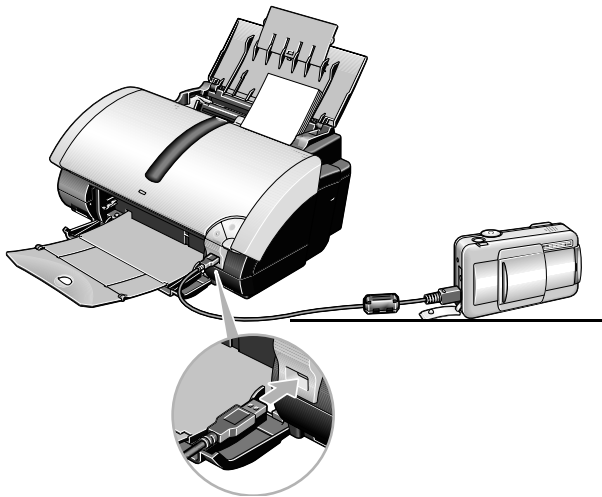
You can use the following Canon media:

Digital Camera Setting	Media Type
Card #1	Photo Paper Pro 4" x 6" / 101.6 x 152.4 mm
Card #2	Photo Paper Plus Glossy 4" x 6" / 101.6 x 152.4 mm
Card #3	Photo Paper Plus Glossy 5" x 7" / 127 x 177.8 mm
LTR	Photo Paper Pro or Photo Paper Plus Glossy Letter
A4	Photo Paper Pro or Photo Paper Plus Glossy A4

■ Printing from a Digital Camera

1 Ensure that the printer is turned on.

2 Load the paper.

(1) Load the media with the glossier surface facing up.

(2) Align the media on the right.

(3) Pinch the paper guide and slide it against the left side of the media.

3 Connect the printer and the digital camera.

(1) Ensure that the digital camera is turned off.

(2) Connect the digital camera and printer with the USB cable that came with the digital camera. The digital camera will automatically turn on. If not, turn it on manually.

4 Start printing using the print function of the digital camera.

(1) Display the image you want to print in the **Replay** mode.
If the camera will not change to the **Replay** mode, refer to your digital camera user's manual instructions for changing the camera to the **Replay** mode.
will display on the LCD display of the digital camera when the printer is correctly connected.

(2) Press the **SET** button to display the **Print** menu.

(3) Select **Style** and specify the **paper** size, **Borderless** or **Bordered** printing, and **date printing** On or Off.

(4) After specifying the style, specify a number of copies, select **Print** and then press the **SET** button.

📖 **Note** ● For the digital camera operation and troubleshooting, refer to your digital camera user's manual. For print error messages, refer to "**Cannot Print Properly from the Digital Camera**" on page 76.

● For the digital video camcorder operation, print error messages, and troubleshooting, refer to your digital video camcorder user's manual.

● By operating the digital camera, you can make the following prints:

- You can make a standard print from the image displayed in the single display mode or in the index display mode.

- You can print specified numbers of images, or make an index print using the DPOF function.
  Images not taken with an Exif 2.2 compatible digital camera may not be index printed.

- The images taken with an Exif 2.2 compatible digital camera will be adjusted by using the Photo Optimizer PRO function.

- If date printing is set on the digital camera, the date the photograph was taken will be printed (excluding the index print).

- Images will be scaled automatically according to the size of the media set on the digital camera.

● The digital camera does not support the following functions:

- Print quality setting

- Maintenance

*The print head cannot be aligned through the digital camera.
Connect the printer to the computer, then align the print head.
If the print head has not been aligned, reduce the printing speed (one-way printing) for better print quality.

● To disconnect the cable between the digital camera and the printer, follow the procedure below:

1. Disconnect the cable from the printer.

2. Turn off the digital camera.

3. Disconnect the cable from the digital camera.
   When disconnecting the cable, be sure to hold the connector by its sides.

Printing from the Photo Paper Tray

The Photo Paper Tray allows you to print on specialty paper like Photo Paper Pro. When attached, it prints on the photo paper while another type of paper is loaded through the Auto Sheet Feeder of the printer. You can simply select which to use, without having to change the paper to be fed.
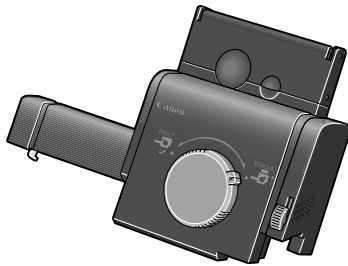
📖 **Note** **Media Types Loadable from the Photo Paper Tray**
- The media types loadable from the Photo Paper Tray are: Photo Paper Pro PR-101, Photo Paper Plus Glossy PP-101, and Glossy Photo Paper GP-401.
- Up to 20 sheets of paper can be loaded in the Photo Paper Tray.
- Up to 50 sheets of plain paper can be loaded in the Auto Sheet Feeder when the Photo Paper Tray is attached to the printer.
- The size of media that is loadable in the Photo Paper Tray is 4" x 6".

■ Attaching the Photo Paper Tray

**1** Open the paper rest and move the paper guide to the left side.

Paper guide
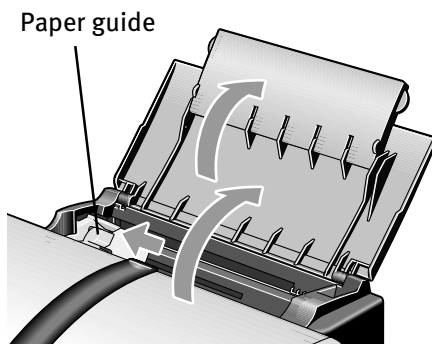
2 Install the Photo Paper Tray.

Put the Photo Paper Tray along the paper rest and insert it until it clicks into place.

Put the protrusions of the Photo Paper Tray all the way into the slots of the printer.
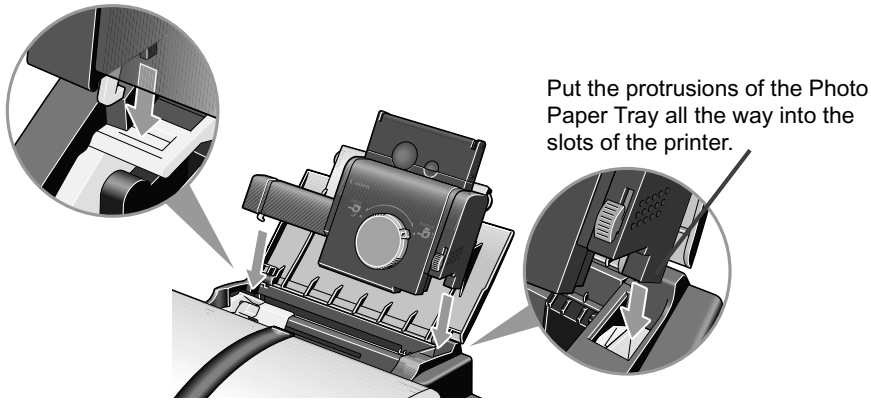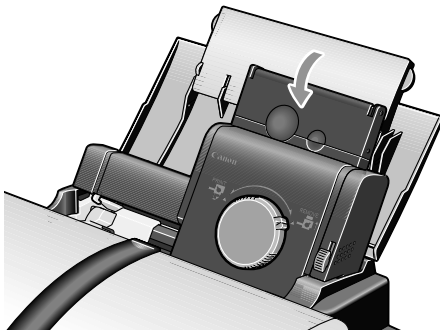
3 Load the paper.

(1) Open the cover on the Photo Paper Tray.

(2) Load the paper with its printing side facing up.
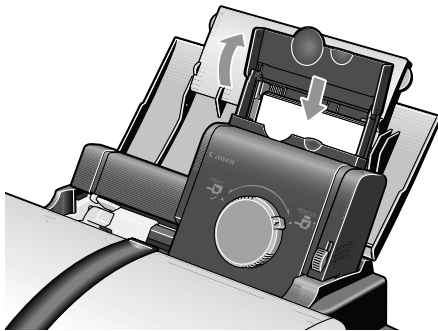
(3) Set the edge of the paper to the right end of the Photo Paper Tray.

Up to 20 sheets of paper can be loaded at once.

(4) Pinch the paper guide on the Photo Paper Tray and set it to the left edge of the paper.
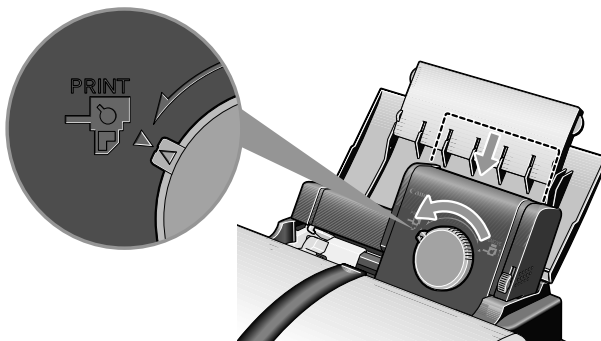
Paper guide
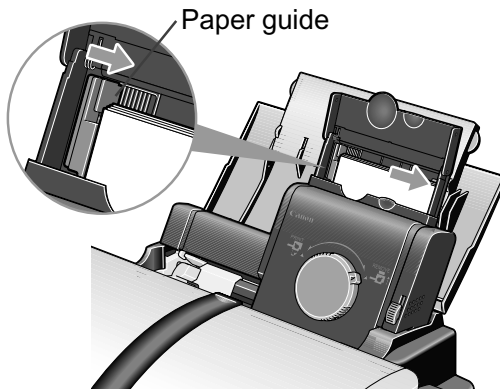
(5) Close the cover on the Photo Paper Tray.

**4** **Select to feed paper from the Photo Paper Tray.**

Turn the knob to the left until it points at the ▼ arrow on the Photo Paper Tray. The tray is slided into the Auto Sheet Feeder, and the printer is now ready for feeding paper from the Photo Paper Tray.

Important ● Turning the knob switches the source from where the paper is fed. Turning it to the left end feeds paper from the Photo Paper Tray, while turning it to the right end feeds paper from the Auto Sheet Feeder.
● Do not leave paper in the Photo Paper Tray for a long time. This may cause paper discoloration due to natural aging.
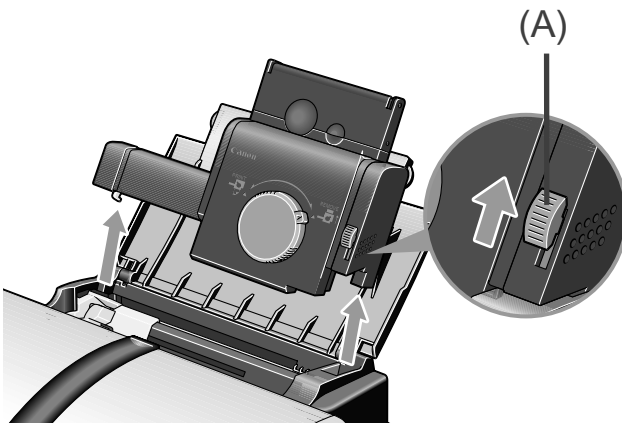
■ Removing the Photo Paper Tray

1 Turn the knob to the right until it points at the ▼ mark on the Photo Paper Tray to lift up the Photo Paper Tray.
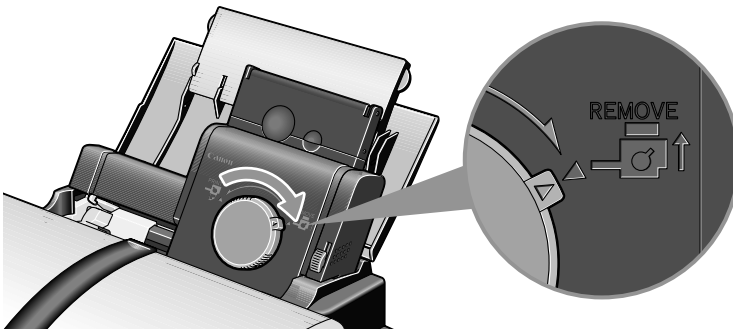
Caution To remove the tray, turn the knob to the right, and then lift up the tray.

2 Slide lever (A), on the right of the Photo Paper Tray, upwards to remove it.

(A)

■ Printing on Photo Paper Using the Photo Paper Tray

Up to 20 sheets of photo paper can be loaded through the Photo Paper Tray.

> 📖 **Note** **Media Types Loadable from the Photo Paper Tray**
> - The media types loadable from the Photo Paper Tray are: Photo Paper Pro PR-101, Photo Paper Plus Glossy PP-101, and Glossy Photo Paper GP-401.
> - Up to 20 sheets of paper can be loaded in the Photo Paper Tray.
> - Up to 50 sheets of plain paper can be loaded in the Auto Sheet Feeder when the Photo Paper Tray is attached to the printer.
> - The size of media that is loadable in the Photo Paper Tray is 4" x 6".

Windows

1 Turn the knob on the Photo Paper Tray to the left until it points at the ▼ arrow on the Photo Paper Tray to slide the tray down into the Auto Sheet Feeder.

2 Create a document or open a file to print.

3 Open the **Printer Properties** dialog box.

4 Specify the required settings.
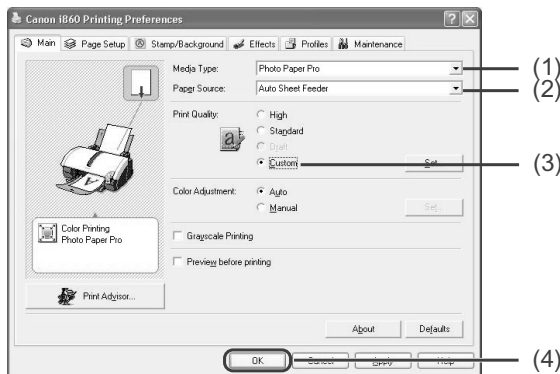
(1) Click **Media Type** to select the type of media loaded in the printer.

(2) Ensure that the auto sheet feeder is selected in **Paper Source**.

(3) Set the custom print quality if required.

(4) Click **OK**.

The **Print** dialog box opens.

📖 **Note**   The size of media that is loadable in the Photo Paper Tray is 4" x 6". Click the **Page Setup** tab to select the same size of paper loaded in the Photo Paper Tray.

5   Start printing.

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

6   Pull up the tray when printing is complete.

To pull up the tray, turn the knob on the tray to the right until it clicks. With this setting, the paper will be fed from the Auto Sheet Feeder automatically.

Macintosh

1   Turn the knob on the Photo Paper Tray to the left until it points at the ▼ arrow on the Photo Paper Tray to slide the tray down into the Auto Sheet Feeder.

2   Create a document or open a file to print.

3   Select **Paper Size**.

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

(2) Select the printer from **Format for**.

(3) Select the paper size from **Paper Size**.

(4) Click **OK**.
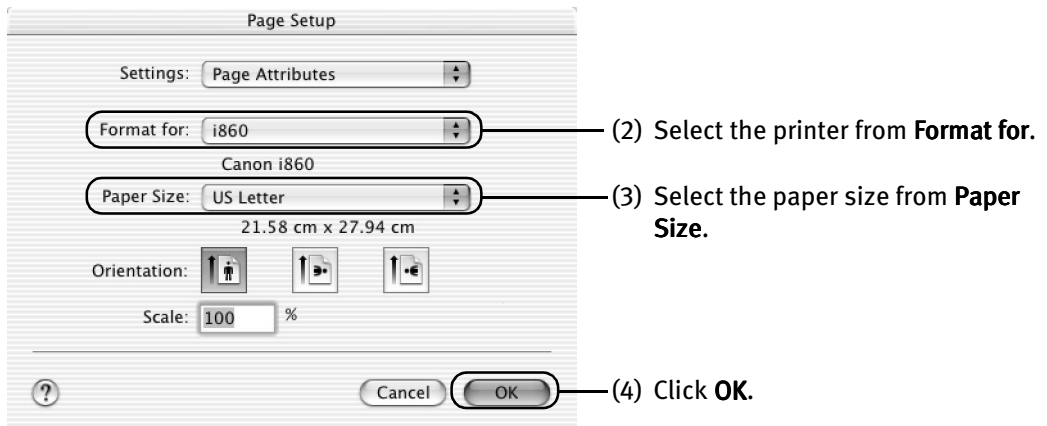
📖 **Note** The size of media that is loadable in the Photo Paper Tray is 4" x 6".

4 Specify the required settings.

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

(2)

(3)

(4)

(5)

(6)
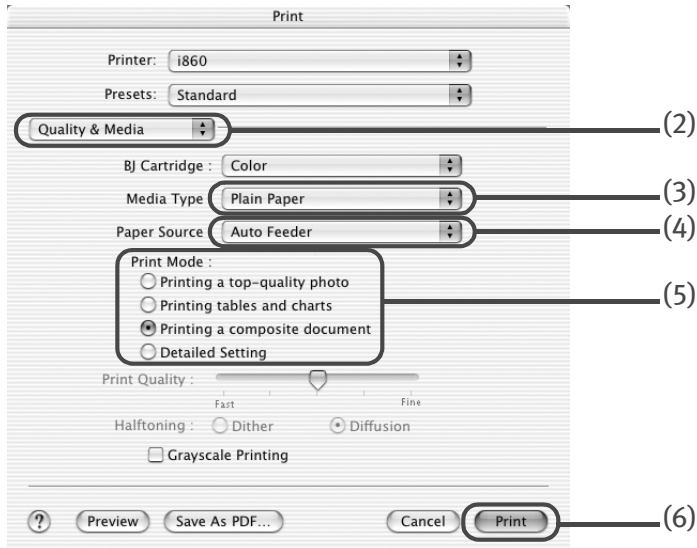
(2) Select **Quality & Media** from the pop-up menu.

(3) Click **Media Type** to select the type of media loaded in the printer.

    (4)   Ensure that the auto sheet feeder is selected in **Paper Source**.

    (5)   Select **Print Mode**.

    (6)   Click **Print**.

         Printing will now begin.

5 Start printing.

6 Pull up the tray when printing is complete.

To pull up the tray, turn the knob to the right until it points at the ▼ arrow to lift the Photo Paper Tray. With this setting, the paper will be fed from the Auto Sheet Feeder automatically.

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.
- 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.

■ Opening the Printer Properties Dialog Box from Your Application Program

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 **Canon i860** 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.

When the **Printer Properties** dialog box is opened from the **Start** menu, additional tabs appear, including the **Details** tab. These do not appear when the **Printer Properties** dialog box is opened from within an application.

For more information about these additional tabs, refer to your Windows documentation.

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

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

2 Select the **Canon i860** icon.

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

In Windows NT 4.0, select **Document Defaults....**

The **Printer Properties** dialog box opens.

Adjusting the Print Quality for Photographs

■ Improving the Quality of Printed Images

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

Paper and Ink

Using recommended Canon paper, specialty 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, see the i860 *User's Guide* on the *Setup Software & User's Guide CD-ROM*.

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 the **Help** button when displayed.

Macintosh

- Click ? in the **Page Setup** dialog box or the **Print** dialog box.
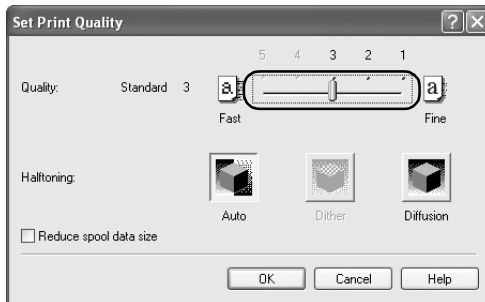
■ Adjusting Print Quality

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

The i860 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:

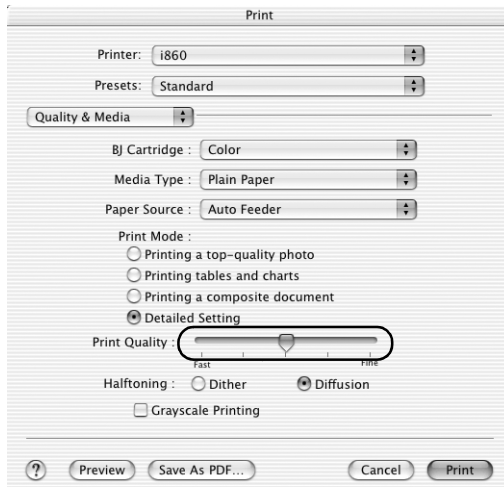**W**indows

1 Open the **Printer Properties** dialog box.

See "**Opening the Printer Properties Dialog Box from Your Application Program**" on page 25.

2 Select **Custom** in **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.**

Macintosh

1 Open the **Print** dialog box.

See "**Printing with Macintosh**" on page 10.

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.

Windows

1 Open the **Printer Properties** dialog box.
See"**Opening the Printer Properties Dialog Box from Your Application Program**" on page 25.

2 Click the **Effects** tab.

3 Select the **Photo Optimizer PRO** check box.
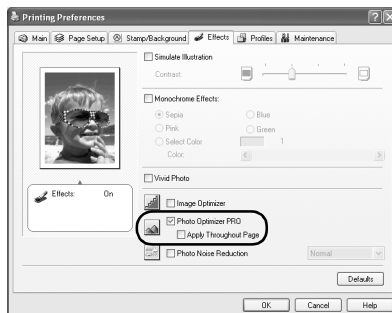
4 Click **OK**.

To use Vivid Photo option:

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

📖 **Note** **In Windows Me, Windows 98 or Windows 95**
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.
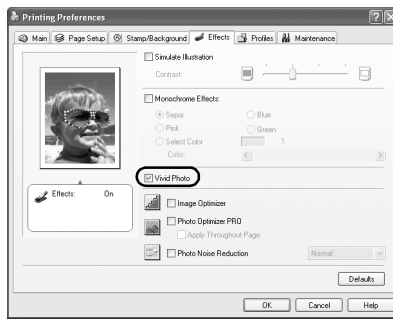
Macintosh

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

To reduce noise from images taken with a digital camera:

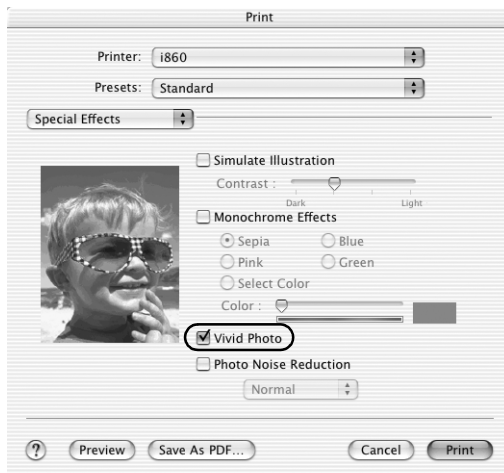The Photo Noise Reduction function reduces noise from blue portions, such as the sky and dark portions of the images taken with your digital camera.

📖 **Note** **In Windows Me, Windows 98 or Windows 95**
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.
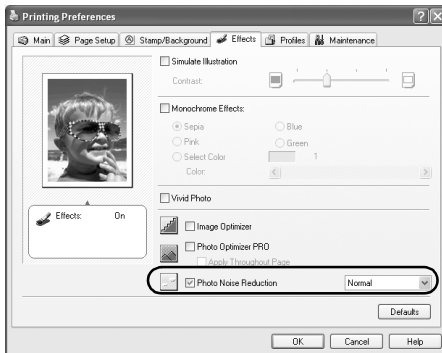
Macintosh

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.

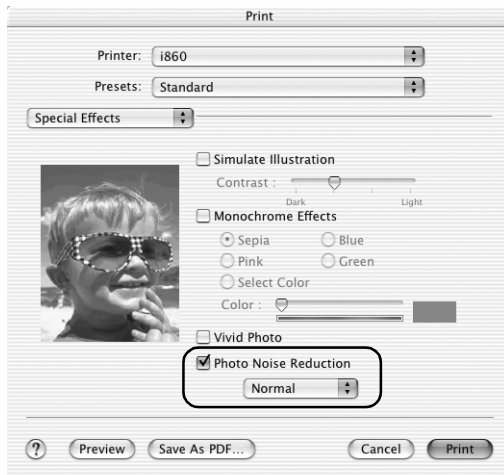See "**Opening the Printer Properties Dialog Box from Your Application Program**" on page 25.

2   Click the **Profiles** tab.

3   Enter the new settings in **Profiles**.
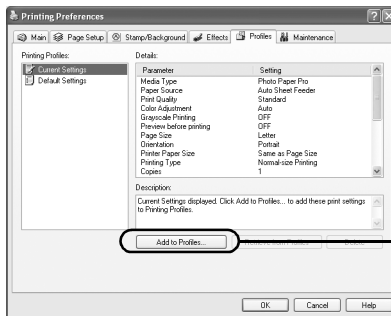
(1) Click **Add to Profiles.**

The **Add to Profiles** dialog box opens.
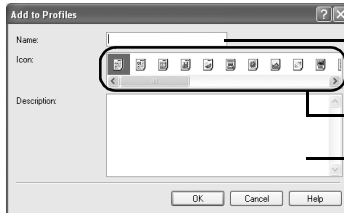
(2) Enter the name of profile for registering settings.

(3) Select an icon.

(4) Enter a description of the registering profile.

4   Click **OK**.

5   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 10.

2   Select all of the necessary settings.

3   Register new printer driver settings.
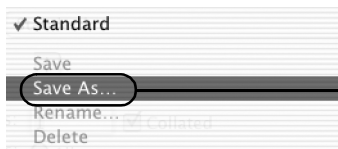
(1) Click **Save As…**.

The **Save preset** screen opens.
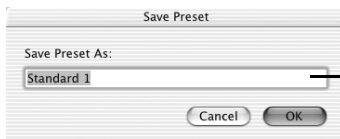
(2) Enter a name under which to register your settings.

4   Click **OK**.

This registers your printer driver settings.

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

- **Retrieving print settings:**
  Select the name of the print settings to retrieve from the **Presets** in the **Print** dialog.
- **Changing drivers settings:**
  When registered print settings are selected, you can delete them or change their name.
  Select the name of the settings to delete from the **Settings** list and click **Remove**.

Using the Printer Driver Options

Your printer driver will provide you with many features that allow you to print a wide range of images and documents.
The illustrations below provide a basic introduction to many of these.

Note   For detailed descriptions of the printer driver functions, refer to the *User's Guide* included in the *Setup Software & User's Guide CD-ROM*.

Printing with Borderless Printing
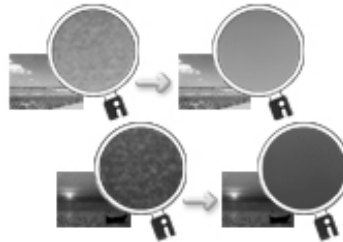
Reducing Noise from Images Taken with Digital Camera
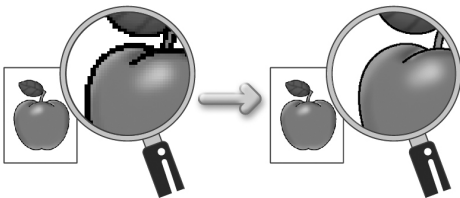
Smoothing the Rough Edges of Certain Images
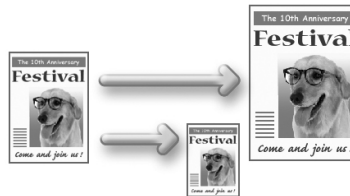
Automatically Resizing the Image to Fit the Page
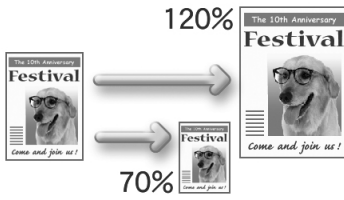
Resizing the Image by Selecting the Scaling Ratio
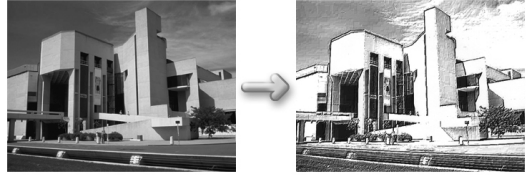
Adding Illustrated Effect to Documents

Reducing the Sound of Printer Operation

Using the Bundled 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.

Note
- 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 print Borderless photos easily and quickly, just by selecting a photograph taken with a digital camera and the paper type on which to print. You can also use simple editing features such as trimming and image rotation. It is Exif Print (Exif 2.2)[***] compatible. Internet Explorer 4.0 or later must be installed. If you use Mac OS 9.x, CarbonLib 1.3.1 or later must be installed.

■ ImageBrowser (Macintosh)

You can import photographs taken with a digital camera to the computer, edit and/or add a caption. You can produce Borderless prints or Index prints with ease. It is Exif Print (Exif 2.2)[***] compatible.

■ ZoomBrowser EX/PhotoRecord (Windows*)

You can import photographs taken with a digital camera to the computer, edit, add a caption and print them in an album format. PhotoRecord is Exif Print (Exif 2.2)[***] compatible.

■ PhotoStitch (Windows/Macintosh**)

You can select multiple photographs and merge them to create a panoramic photo.

■ Easy-WebPrint (Windows*)

You can easily print pages displayed on the Internet Explorer or pages from the *User's Guide* (on-screen manual of this printer) in full size. Easy-WebPrint automatically adjusts the layout when printing a screen. This feature enables you to print a screen without its right end being cut off.
This application is a plug-in for Internet Explorer, and its toolbar is automatically added to Internet Explorer after installation. Internet Explorer 5.5 or later must be installed.

  *: Windows XP, Windows 2000, Windows Me, and Windows 98 are supported.

**: Mac OS 9, Mac OS X v.10.2.1 to 10.2.4 are supported.

***: Exif Print (Exif 2.2) is the worldwide standard. Under Exif 2.2, 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 your vision more accurately than ever before.

Windows

Printing Borderless Photographs with Windows

This chapter describes the steps used to print from photo applications included with your *Setup Software & User's Guide CD-ROM* using the Borderless Printing mode.

📖 **Note**
- Media Types Suitable for Borderless Printing
  Media types compatible with Borderless Printing include Photo Paper Plus Glossy (LTR, 4" x 6" , 5" x 7"), Photo Paper Pro (LTR, 4" x 6"), Matte Photo Paper (LTR), and Glossy Photo Paper (LTR).
- Printing on paper other than the above may deteriorate the print quality or may produce the print 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 (Exif 2.2). Easy-PhotoPrint can handle only JPEG files (file name extension: .jpg and .jpeg).

1 Start Easy-PhotoPrint.

This section describes only the steps used for printing the photographs stored in the memory card as an example. We recommend you consult your memory card documentation for instructions on how to set the memory card in the computer.

(1) Insert the memory card in the computer.

(2) Click **Start**, select **All Programs** (or **Programs**), **Canon Utilities**, **Easy-PhotoPrint**, and then **Easy-PhotoPrint**.
The **Image Selection** tab is displayed.

2 Select photographs.

(1) Select the folder containing the photograph you want to print. (Select memory card folder, then the folder containing the digital photographs.)
All photographs in the selected folder are displayed.

Guidance

Thumbnail

Folder window

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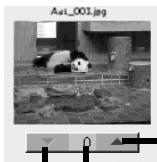
Increases the number of copies.

Displays the specified number of copies.

Decreases the number of copies.
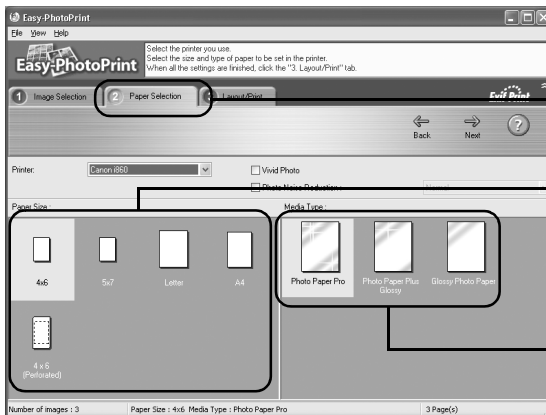
3 Select the paper.

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

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

(3) Select the type of the paper you want to use from **Media Type**.

4 Select the layout.

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

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

(3) Load the media specified in the **Paper Selection** tab.

(4) Click **Print**.

Macintosh

Printing Borderless Photographs with Macintosh

This chapter describes the steps used to print from Easy-PhotoPrint* included with your *Setup Software and User's Guide CD-ROM* using the Borderless Printing mode.

* If you use Mac OS 9.x, CarbonLib 1.3.1 or later must be installed.

> 📖 **Note**
> - Media Types Suitable for Borderless Printing
>   Media types compatible with Borderless Printing include Photo Paper Plus Glossy (LTR, 4" x 6" , 5" x 7"), Photo Paper Pro (LTR, 4" x 6"), Matte Photo Paper (LTR), and Glossy Photo Paper (LTR).
> - Printing on paper other than the above may deteriorate the print quality or may produce the print in different color tones.
> - 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 (Exif 2.2). Easy-PhotoPrint can handle only JPEG files (file name extension: .jpg and .jpeg).

1   Start Easy-PhotoPrint.

This section describes how to print photographs stored in the folder on the hard disk.

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

(2)   Open the **Easy-PhotoPrint** folder, and double-click the **Easy-PhotoPrint** icon in the folder.

2   Select photographs.

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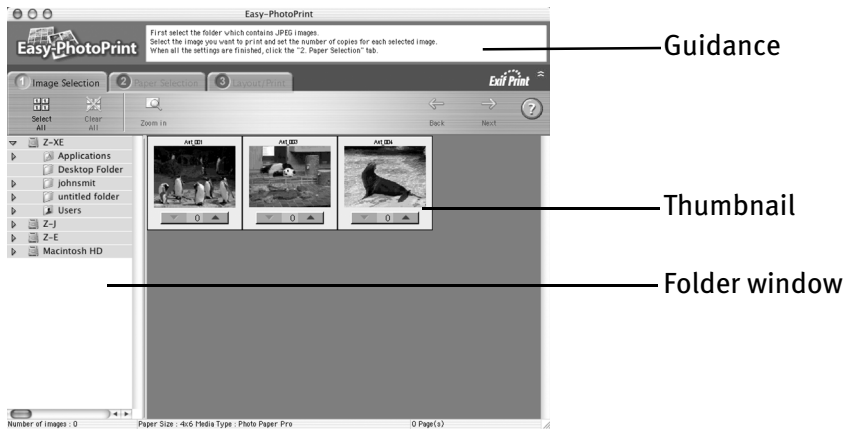
Guidance

Thumbnail

Folder window

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


Increases the number of copies.

Displays the specified number of copies.

Decreases the number of copies.

3 Select the paper.

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

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

(3) Select the type of the paper you want to use from **Media Type**.

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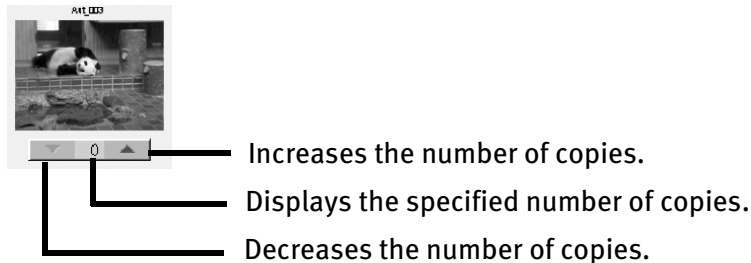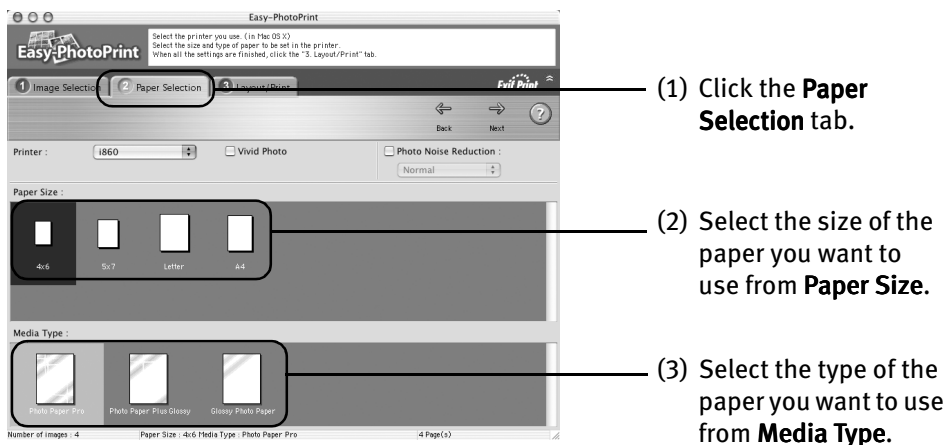
4 Select the layout.

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

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

(3) Load the media specified in the **Paper Selection** tab.

(4) Click **Print**.

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

(6) 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 in the order from left to right indicated below.

- Black: BCI-6BK

- Black: BCI-3eBK

- Yellow: BCI-6Y

- Magenta: BCI-6M

- Cyan: BCI-6C

■ 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 the section "**When Printing Becomes Faint or Colors are Incorrect**" on page 50.

Windows

The following message appears when ink is empty. Printing will resume as soon as ink tank is replaced and the front cover is closed.
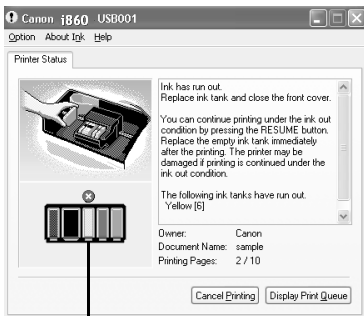
Empty ink tank

The ink tank with [X] symbol is out of ink.
Replace with a new ink tank.

- Press the **RESUME/CANCEL** 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 your software environment.

> 📖 **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

Macintosh

The following message is displayed when ink tank is empty. Printing will resume as soon as ink tank is replaced and the front cover is closed.

> Error Number : 1611
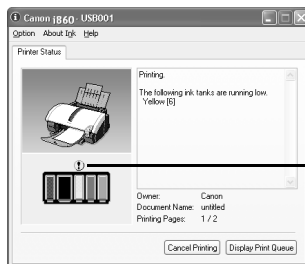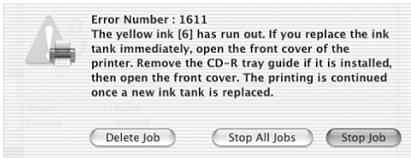> The yellow ink [6] has run out. If you replace the ink tank immediately, open the front cover of the printer. Remove the CD-R tray guide if it is installed, then open the front cover. The printing is continued once a new ink tank is replaced.
>
> (Delete Job)　(Stop All Jobs)　(Stop Job)

- Press the **RESUME/CANCEL** 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.

📖 **Note**　**When Low Ink is Detected**
The following message is displayed as soon as a print job starts.

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

> ● ○ ○　　　BJ Printer Utility
> (Ink Level Information ◆)
>
> (!)　　　　　　　　　　　　——— Tank with low ink level
>
> (PBk)　(Bk)　(Y)　(M)　(C)
>
> 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)
> **Canon** i860　　　　　　　　(Quit)
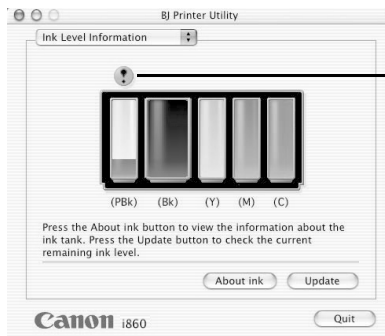
■ Replacing Ink Tanks

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 front cover.

The print head holder moves to the left.

2　Remove the empty ink tank.

Do not touch the 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.

3 Prepare a replacement tank.

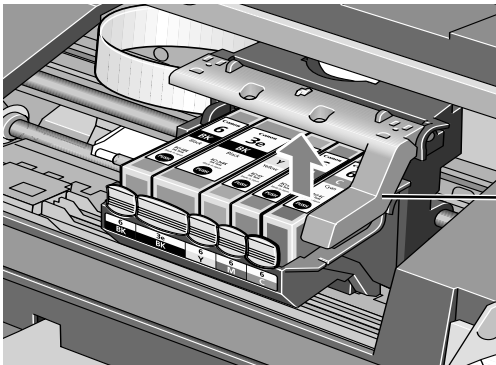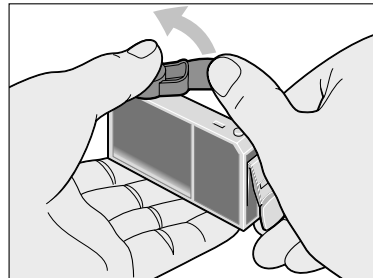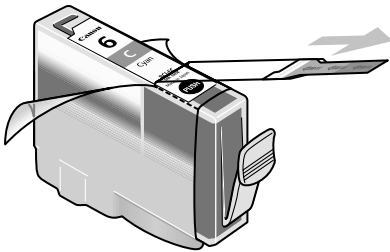(1) Unpack the new ink tank and pull off the orange tape.

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

Important
- Do not squeeze the side of ink tanks as this may cause the ink to leak out 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.

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4 Insert the ink tank.
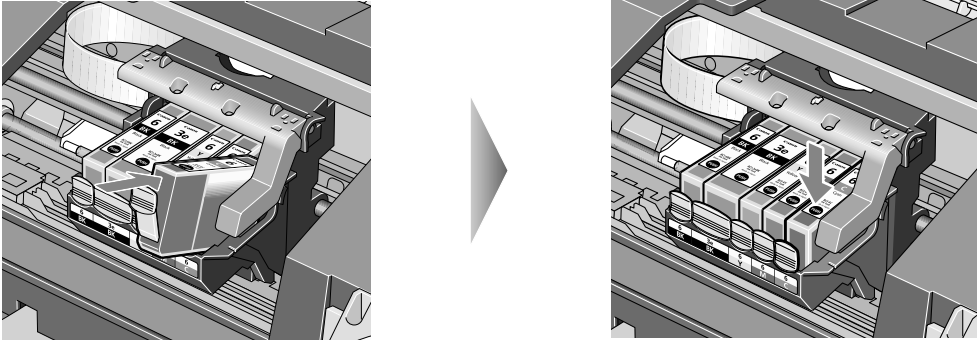
(1) Insert the ink tank into the print head holder.

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

5 Close the front cover.

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

> 📖 **Note**
> - 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 function 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 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 maintain the print head.

Important   Before maintaining the print head, check the following;

- Open the front cover and make sure that 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 "PUSH" on the ink tank and ensure that the ink tank is installed securely.
- Increase the Print Quality setting in the printer driver settings.

Step 1

"**Printing the Nozzle Check Pattern**" on page 51

If the print quality is poor   If white stripes are noticeable

Step 2   *Step 2*

"**Print Head Cleaning**" on page 55   "**Aligning the Print Head**" on page 61

If the problem remains

Step 3

"**Print Head Deep Cleaning**" on page 58
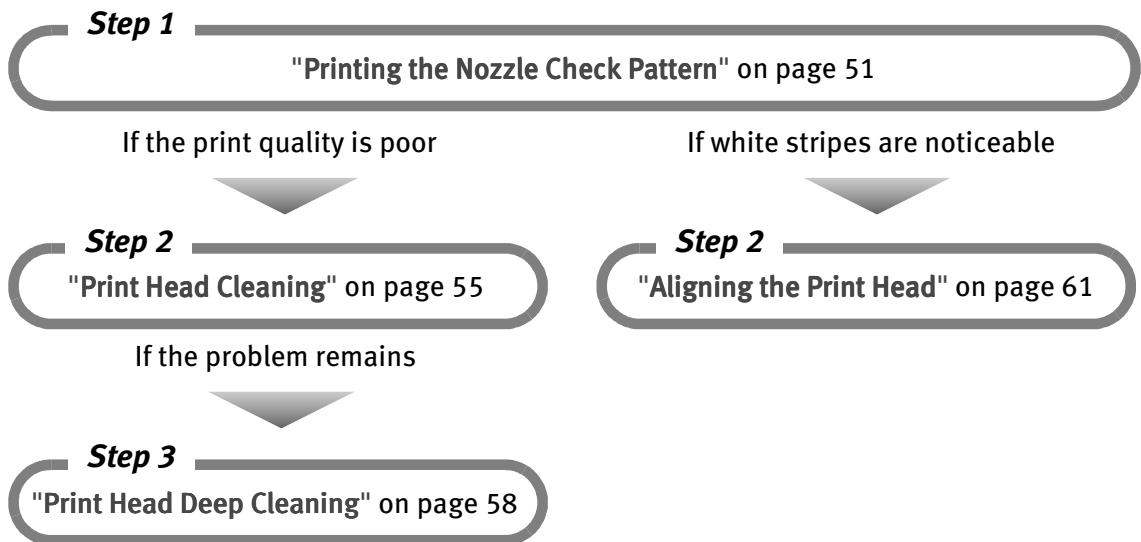
Note   If Print Head Deep Cleaning does not resolve the problem, contact the Customer Care Center.

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.

📖 **Note**   Nozzle check pattern printing can be executed also from the printer itself. With the printer on, load a sheet of Letter-sized paper in the printer. Hold the **RESUME/CANCEL** button until the **POWER** lamp flashes twice.

Windows

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

2   Open the **Printer Properties** dialog box.

See "**Opening the Printer Properties Dialog Box Directly from the Start Menu**" on page 25.

3   Print the Nozzle Check Pattern.

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

(2) Click **Nozzle Check**.
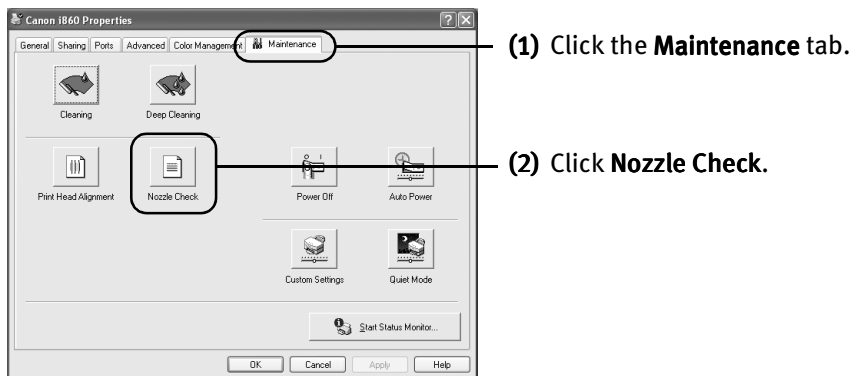
(3)   When the confirmation message is displayed, click **OK**.

When the confirmation message is displayed after the nozzle check pattern has been printed, click OK.
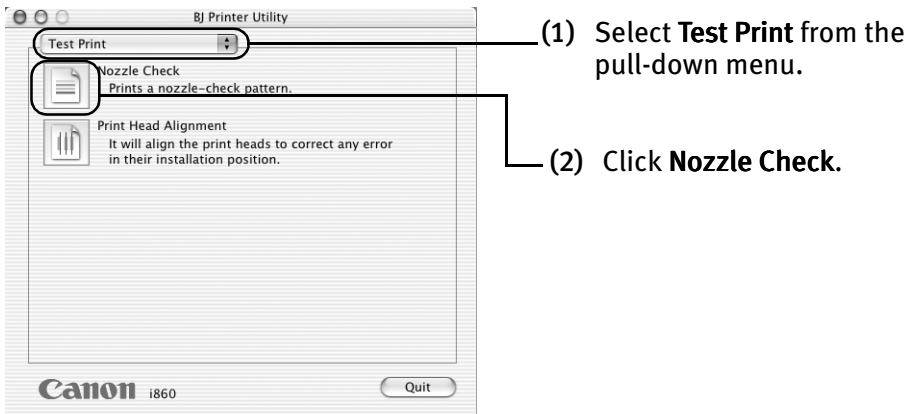
See "**Examining the Nozzle Check Pattern**" on page 52.

Macintosh

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

2 Open the **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 **Print Center** icon.

(3) Select **i860** from the **Name** list and click **Configure**.

(4) Select **i860** from the **Product** list and click **Select**.

3 Print the Nozzle Check Pattern.

(1) Select **Test Print** from the pull-down menu.

(2) Click **Nozzle Check**.

(3) Check the message, then click **OK**.

(4) Confirm the nozzle check pattern.

■ 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** If the ink tank runs out of ink, the nozzle pattern will be incorrect. And you will need to replace the tank.

(1)

(2)

(3)

(4)

(5)
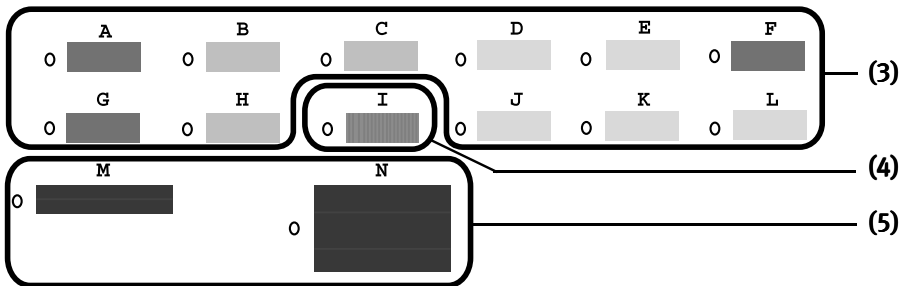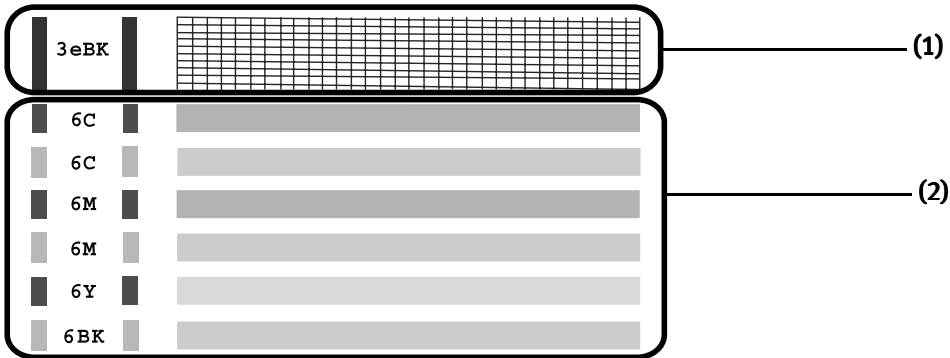
(1) If lines are missing as in the illustration, run the print head cleaning procedure for "**Black 3eBK**".

When line are missing
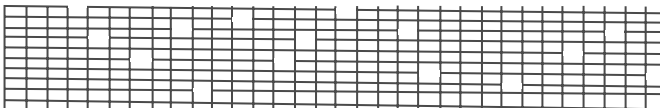
See Print Head Cleaning

(2) White stripes in this pattern require running print head cleaning procedure for "**Color 6C, 6M, 6Y, 6BK**".

When white stripes appear

See Print Head Cleaning

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(3) Uneveness stripes in this pattern indicates the print head requires alignment.

When lines are uneven   When lines are even

See Aligning the Print Head

(4) White vertical stripes in this pattern indicate the print head requires alignment.

When vertical stripes appear

See Aligning the Print Head

(5) Horizontal stripes in this pattern indicate the print head requires alignment.

When horizontal stripes appear
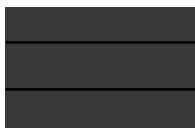
See Aligning the Print Head

Print Head Cleaning

Clean the print head if you suspect that the nozzles might be clogged. Cleaning the print head consumes ink, so perform print head cleaning only when necessary.

The print head can be cleaned also from the printer itself. With the printer on, load a sheet of Letter-sized paper in the printer. Hold the **RESUME/CANCEL** button until the **POWER** lamp flashes once.

Windows

1   Ensure that the printer is on.

2   Open the **Printer Properties** dialog box.

See "**Opening the Printer Properties Dialog Box Directly from the Start Menu**" on page 25.

3   Start Print Head Cleaning.

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

(2) Click **Cleaning**.

(3) Select the print head to be cleaned.

(4) Click **Execute**.

Macintosh

1 Ensure that the printer is on.

2 Open the **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 **Print Center** icon.

   (3) Select **i860** from the **Name** list and click **Configure**.

   (4) Select **i860** from the **Product** list and click **Select**.
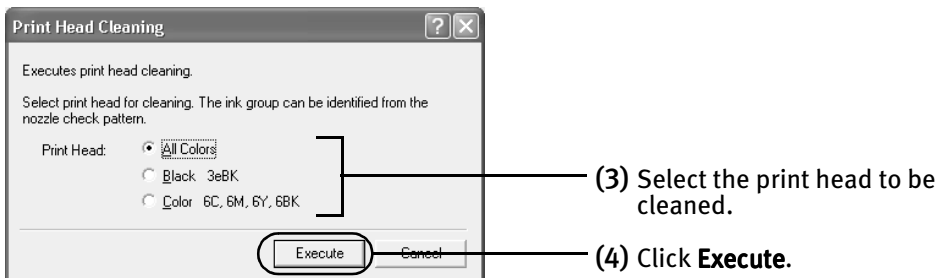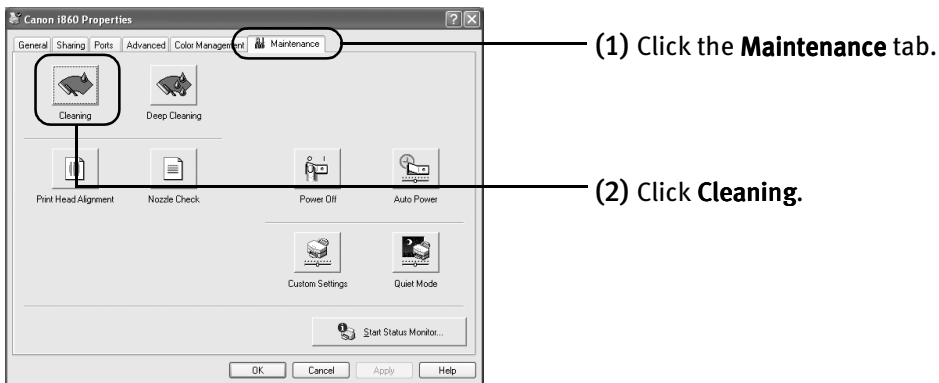
3 Start Print Head Cleaning.
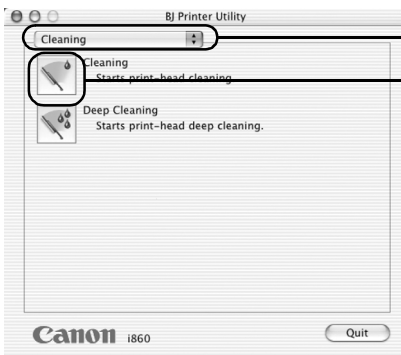
(1) Select **Cleaning** from the pull-down menu.

(2) Click **Cleaning**.
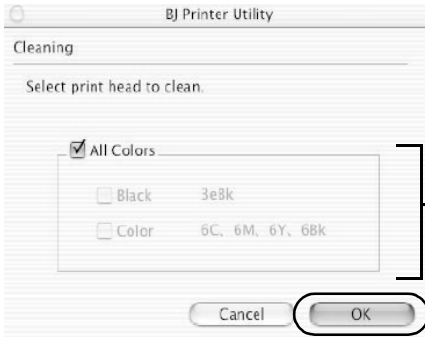
(3) Select the print head to be cleaned.

(4) Click **OK**.

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

Important Do not perform any other operations until the print head
cleaning finishes. This takes about 50 seconds.

Note ● Print head cleaning can be performed also from the printer itself.
Ensure that the printer is on. Hold down the **RESUME/CANCEL** button
until the **POWER** lamp flashes once.
If this does not resolve the problem, clean the print heads again, up
to three more times.
● After print head cleaning finishes, print the nozzle check pattern to
verify that the print head nozzles are clean.

See "**Printing the Nozzle Check Pattern**" on page 51.

If the problem persists, perform print head deep cleaning.

See "**Print Head Deep Cleaning**" on page 58.

Print Head Deep Cleaning

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

Windows

1   Ensure that the printer is on.

2   Open the **Printer Properties** dialog box.

See "**Opening the Printer Properties Dialog Box Directly from the Start Menu**" on page 25.

3   Start Print Head Deep Cleaning.
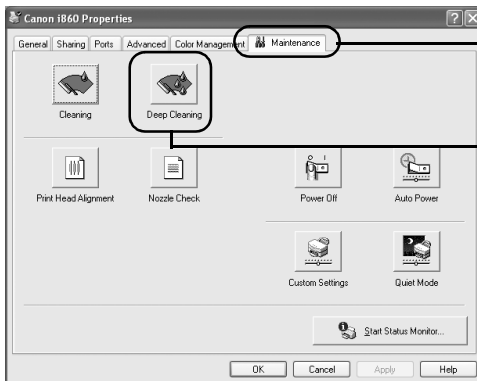
(1) Click the **Maintenance** tab.

(2) Click **Deep Cleaning**.
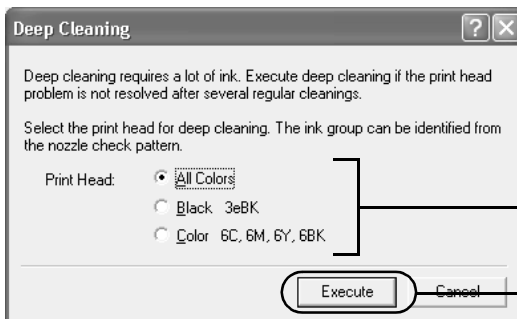
(3) Select the print head to be deeply cleaned.

(4) Click **Execute**.

(5) When the confirmation message is displayed, click **OK**. Print head deep cleaning starts when the **POWER** lamp starts blinking. Do not perform any other operation until the print head deep cleaning is completed. This takes about one minute.

Macintosh

1 Ensure that the printer is on.

2 Open the **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 **Print Center** icon.

(3) Select **i860** from the **Name** list and click **Configure**.

(4) Select **i860** from the **Product** list and click **Select**.

3 Start Print Head Deep Cleaning.
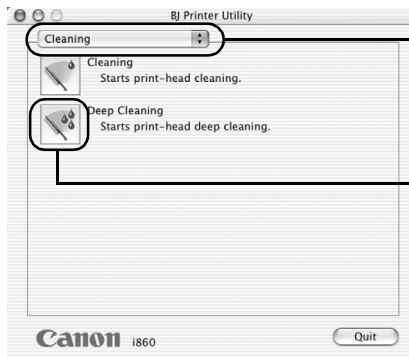
(1) Select **Cleaning** from the pull-down menu.

(2) Click **Deep Cleaning**.
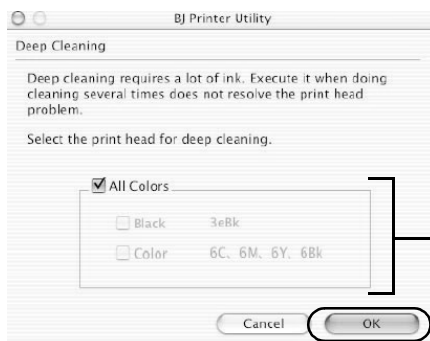
(3) Select the print head to be deeply cleaned.

(4) Click **OK**.

(5) When the confirmation message is displayed, click **OK**. Print head deep cleaning starts when the **POWER** lamp starts blinking. Do not perform any other operation until the print head deep cleaning is completed. This takes about one minute.

Important   The process takes one or two minutes to complete, so simply wait until the **POWER** lamp stops flashing.

📖 **Note**   After print head deep cleaning finishes, print the nozzle check pattern to verify that the print head nozzles are clean.

> See "**Printing the Nozzle Check Pattern**" on page 51.

If not, check that there are sufficient ink levels in all ink tanks before turning off printer. Be sure to perform another print head deep cleaning 24 hours after turning off printer.

If this does not resolve 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 positions 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.

Windows

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

2   Open the **Printer Properties** dialog box.

See "**Opening the Printer Properties Dialog Box Directly from the Start Menu**" on page 25.

3   Print the pattern.
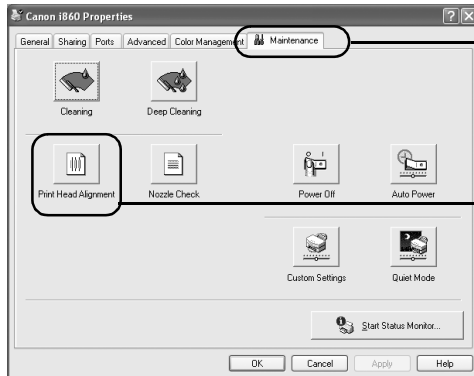
(1) Click the **Maintenance** tab.

(2) Click **Print Head Alignment**.
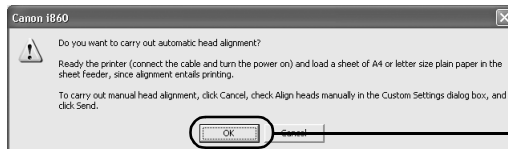
(3) Check that paper is loaded in the printer and click **OK**. If a message warning you not to perform other operations appears, click **OK**. It takes about one minute to start printing.

Canon i860

Did the pattern print successfully?

If nothing was printed, or if the pattern is noticeably faint or patchy, click No and try again.

Yes   No
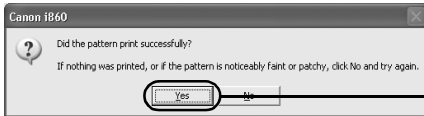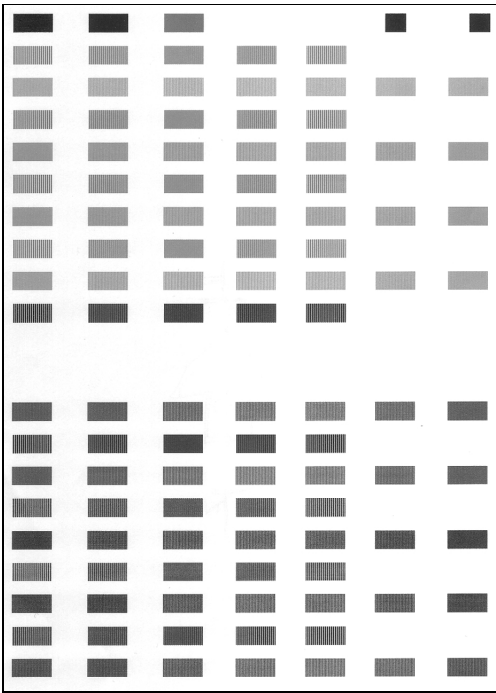
(4) After the pattern is printed, click **Yes**. The print head is aligned automatically. The printer is now ready to use.

📖 **Note**
- If the pattern is not printed successfully, open the front cover and ensure that the ink tanks are correctly installed.
- If the pattern above is not displayed, see "Troubleshooting."
- You can align the print head manually while checking the printed pattern. Open the **Printer Properties** dialog box. Click the **Maintenance** tab and then **Custom Settings**. Then, select the **Align heads manually** check box, and click **Send**.

Macintosh

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

2   Open the **Print 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 **Print Center** icon.

(3)   Select **i860** from the **Name** list and click **Configure**.

(4)   Select **i860** from the **Product** list and click **Select**.

3   Print the pattern.

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

(2) Click **Print Head Alignment**.
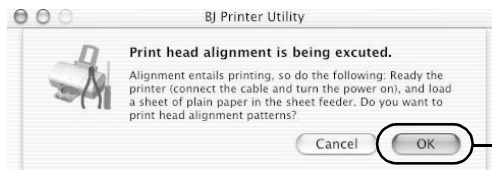
(3) Check that paper is loaded in the printer and click **OK**.
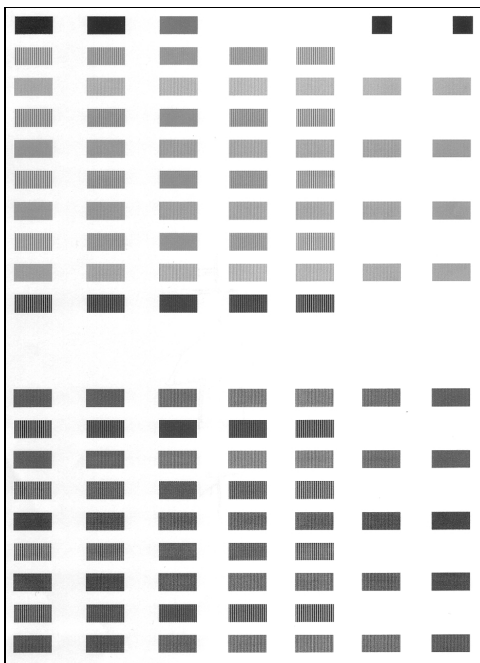
It takes about one minute to start printing. The pattern is printed, and the print head is aligned automatically.

The printer is now ready to use.

📖 Note
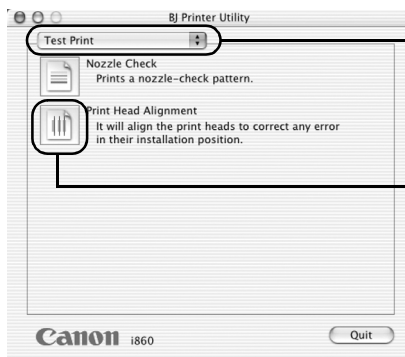- If the pattern is not printed successfully, open the front cover and ensure that the ink tanks are correctly installed.
- If the pattern above is not displayed, see "Troubleshooting".
- You can align the print head manually while checking the printed pattern. Open the **BJ Printer Utility** dialog box. Click **Custom Settings** from the pop-up menu. Then, select the **Align heads manually** check box, and click **Send**.

Troubleshooting

This section provides troubleshooting tips for the most common printing problems.
Troubleshooting usually falls into one of the following categories.

- "**Cannot Install the Printer Driver**" on page 66.
- "**Print Quality is Poor or Contains Errors**" on page 67.
- "**Troubleshooting Printer Hardware**" on page 69.
- "**Paper Does Not Feed Properly**" on page 70.
- "**Handling Error Messages**" on page 72.
- "**An Error Message Appears on the Screen**" on page 74.
- "**Cannot Print Properly from the Digital Camera**" on page 76.

Refer to the *User's Guide* for additional information on topics not covered in this section.

Windows

When an 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.
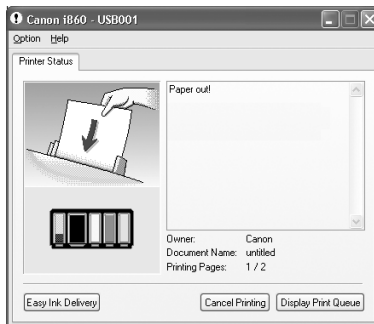
- When using Windows Me, Windows 98 or Windows 95, click the
  Guide tab and follow the on-screen instructions.

Cannot Install the Printer Driver

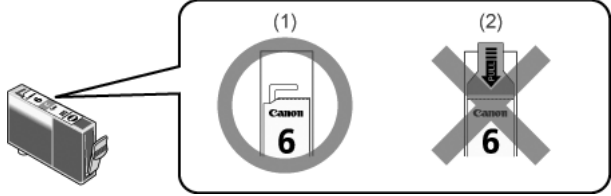| Problem	Possible Cause	Try This
Cannot Install the Printer Driver	Installation procedure not followed correctly	Follow the *Easy Setup Instructions* packaged with your printer for proper printer driver installation. **Windows** If the installer was forced to be terminated due to an error, Windows may 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 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 CD-ROM is inserted into the drive	**Windows** If the printer driver installation did not start automatically when you inserted the CD-ROM into the CD-ROM drive: 1. Click **Start** and select **My Computer**. 2. Double-click the **CD-ROM** icon. For non-XP Windows, 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	Confirm that there are no problems with the *Setup Software & User's Guide CD-ROM*. **Windows** Use Windows Explorer to confirm that the CD-ROM can be read. **Macintosh** Confirm that the **CD-ROM** icon is displayed on the desktop. If there is any problem with the **CD-ROM**, contact the Customer Care Center.
	Unable to proceed beyond the Printer Port Screen	**Windows** **Reinstall the printer driver.** 1. Click **Cancel**. 2. When the Terminate Installation screen is displayed, click **OK**. 3. Click **Exit**, then remove the CD-ROM. 4. Turn the printer and the computer off. 5. Check the cable connection. 6. Restart the computer. 7. 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 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 45.
	Print head is misaligned	Align the print head location. See **"Aligning the Print Head"** on page 61.
	Print head nozzles clogged	Print the nozzle check pattern to check for uneven ink output. See **"Printing the Nozzle Check Pattern"** on page 51. When a specific color is missing from the nozzle check pattern, clean the print head. If ink supply is uneven: See **"Print Head Cleaning"** on page 55.
	Media not loaded with the print-side up	Check that your paper is loaded with the correct print side facing up. 📖 Note Follow the instructions packaged with your specialty media for loading and handling.
	Incorrect paper type	**Windows** On the **Main** tab, confirm that the **Media Type** selected matches the paper loaded. **Macintosh** In the **Print** dialog box, select **Quality & Media** from the pop-up menu, and then confirm that the **Media Type** selected matches the paper loaded.
	Print Quality not set properly	Be sure to set the **Print Quality** setting to **High** for Windows or **Fine** for Macintosh. **Windows** On the **Main** tab, click **High** for the **Print Quality** setting. **Macintosh** 1. Select **Manual** in the **Print Mode** pull-down menu in the **Print** dialog box and then click **Details**. 2. Click the **Quality** icon and then drag the **Print Quality** slide bar to the **Fine** end.

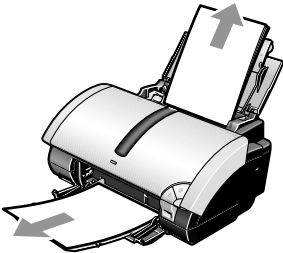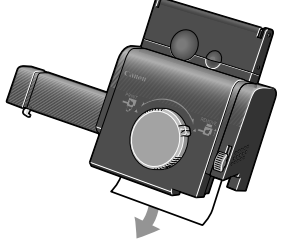| Problem	Possible Cause	Try This
Printed Paper Curls or Ink Blots	Paper being used is too thin	Use High Resolution Paper or Photo Paper Pro to print images that require a lot of ink (i.e. pictures with intense colors or photographs).
	Color Intensity setting is too high	Reduce the Intensity setting 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. In the **Print** dialog box, select **Color Option** from the pop-up menu. 2. 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 70.
Printed Surface is Scratched	Inappropriate paper type used	Check to see if the paper you are printing on is too thick or curled. See "**Print Media to Avoid**" on page 4. 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. **Windows** See "Media Types Suitable for Borderless Printing include Photo Paper Plus Glossy (LTR, 4" x 6", 5" x 7"), Photo Paper Pro (LTR, 4" x 6"), Matte Photo Paper (LTR), and Glossy Photo Paper" on page 39. **Macintosh** See "Media Types Suitable for Borderless Printing" on page 42.
	Thick paper used	Select **Prevent paper abrasion** in the printer driver. **Windows** 1. Open the **Printer Properties** dialog box. 2. Click the **Maintenance** tab and then **Custom Settings**. 3. Select the **Prevent paper abrasion** check box and click **Send**. Click **OK** when the confirmation message appears. **Macintosh** 1. Open the **Print** dialog box. 2. In the **Paper Source** pull-down menu, select **Prevent paper abrasion**. When **Prevent paper abrasion** is selected in the **Print Properties** dialog box, the setting is also applied under direct printing.

Troubleshooting Printer Hardware

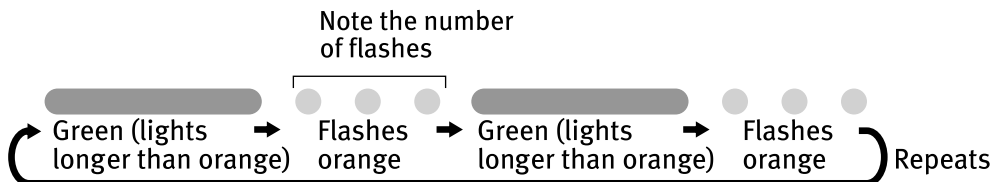| Problem	Possible Cause	Try This
Printer Does Not Start or Printer Stops During Print Jobs	Print head has overheated due to long periods of continuous printing	Stop printing and turn the printer off for at least 15 minutes to allow the print head to cool down. The print head tends to overheat when printing 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.

	There may be problems in 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 BJ Print Monitor 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 25.
		2. Click the **Maintenance** tab and then **Start Status Monitor**.
		3. Click **Display Print Queue**.
		4. Select **Cancel All Documents** in the **Printer** menu.
		5. Click **Yes** when the confirmation message appears.
		   The print job is deleted.
		
		   📖 Note **In Windows Me, Windows 98 or Windows 95**
		   Click to select an undesired document and select **Purge Print Documents** in the **Printer** menu.
		
		Macintosh
		1. Select **Applications** from the **Go** menu.
		2. Double-click the **Print Center** icon in the **Utilities** folder.
		3. Double-click **i860** displayed under **Name** in the **Printer List**.
		4. Click to select an undesired document and click 🚫 .
		   The print job is deleted.

Cannot Print to End of Job	Incorrect page size selected	Verify 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 (for Windows) or the **Page Setup** dialog box (for Macintosh) to ensure that it matches the size of the paper loaded.
	Not enough free space on hard disk	Your operating system may be out of free disk space. Check the available space on your computer's hard disk.

Paper Does Not Feed Properly

Problem	Possible Cause	Try This
Paper Does Not Feed Properly	Inappropriate paper type used	Check to see if the paper you are printing on is too thick or curled. See "**Print Media to Avoid**" on page 4.
	Paper feed roller is dirty	Follow the steps described below to clean the paper feed rollers. If envelopes or post cards do not feed properly, even after correcting any paper curl, clean the paper feed roller. 1. Ensure that the printer is on and there is no paper loaded in the printer. 2. Hold the **RESUME/CANCEL** button down and release after the **POWER** lamp flashes three times. The paper roller rotates as it cleans. Repeat this cleaning operation three times. 3. Load a sheet of Letter-sized plain paper in the printer. 4. Hold the **RESUME/CANCEL** button down and release after the **POWER** lamp flashes three times, then feed the sheet of paper. Repeat this operation three times. If the printer still does not feed the envelopes or the post cards properly through the printer, even after the cleaning operation, repeat the procedure.
	Foreign objects inside the sheet feeder slot	If a foreign object, such as a pencil, falls 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.

Problem	Possible Cause	Try This
Paper Jams	Paper jams inside the printer	1. Gently pull the jammed paper out of the sheet feeder slot or the paper output slot, whichever is easier. • If the paper tears and some of it is left in the printer, turn the printer off, then open the front cover and remove the piece of paper. Do not touch internal parts in the printer. After removing the paper, close the front cover and turn the printer on. If you cannot reach or remove the torn paper, do not attempt to disassemble the printer yourself. Contact the Customer Care Center. • If you cannot extract the paper, turn the printer off, and then turn it back on. The remaining paper will be ejected automatically. 2. Reload the paper into the sheet feeder, then press the **RESUME/CANCEL** button on the printer.
	Paper jams inside the Photo Paper Tray	Remove the paper according to the following procedure. 1. Remove the Photo Paper Tray. 2. Slowly pull the paper out if jagged paper remains in the sheet feeder slot. • If you cannot pull the paper out, or if the paper tears and a piece remains inside the printer, open the front cover and remove it. Be careful not to touch the components inside the printer. • If you cannot pull the paper out, turn off the printer, and then turn on the printer again. The paper will be automatically ejected. 3. If any of the paper is sticking out of the Photo Paper Tray, reload it in the tray. 4. Reload the paper into the Photo Paper Tray. 5. Press the **RESUME/CANCEL** button. 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.

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 → Flashes → Green (lights → Flashes Repeats
longer than orange) orange longer than orange) orange

Number of Flashes	Possible Cause	Try This
Two flashes	Printer is out of paper / Paper does not feed	Reload paper to the Auto Sheet Feeder or Photo Paper Tray and press the **RESUME/CANCEL** button.
Three flashes	Paper jam	If a paper jam occurs, clear the jammed paper, reload paper in the printer, then press the **RESUME/CANCEL** button.
Four flashes	Empty ink tank	Press the **RESUME/CANCEL** 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 45.
Five flashes	Print head not installed / Print head not installed correctly	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.
Eight flashes	Waste ink tank almost full	The printer has a built-in waste ink tank to hold the ink consumed during print head cleaning. Eight flashes indicates that this tank is nearly full. Press the **RESUME/CANCEL** button to clear the error so printing can continue. Contact the Customer Care Center.
Nine flashes	A specified period of time has lapsed without receiving a response from the digital camera / The digital camera or digital video camcorder connected is not compatible with this printer	Press the printer's **RESUME/CANCEL** button. After the error has cleared, the digital camera or digital video camcorder turns on. If the camera is not of a type that turns on automatically, be sure to turn the power on manually. If the error is not fixed, disconnect the camera cable, press the printer's **RESUME/CANCEL** 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 Canon compatible digital cameras or digital video camcorders.

Number of Flashes	Possible Cause	Try This
Eleven flashes	Automatic print head alignment failed	Possible causes are as follows: • Ink has run out. • Print head nozzles are clogged. • The paper output tray has been exposed to a strong light source preventing correct print head alignment. Press the **RESUME/CANCEL** button. See "**Printing the Nozzle Check Pattern**" on page 51, for information on how to print a nozzle check pattern. If you suspect the paper output tray has been exposed to a strong source of light, press the **RESUME/CANCEL** button and move the printer to a darker location. Try to align the print head again. If print head alignment fails again, manually align the print head.
📖 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 about 10 minutes. If the problem remains, contact the Customer Care Center.

An Error Message Appears on the Screen

Problem	Possible Cause	Try This
Paper Identification Error	Paper Identification not functioning properly	Continuing printing may result in poor print quality. To maintain print quality, disable the Paper Identification function, and try printing again, if other printer functions are working normally. **Windows** 1. Open the **Printer Properties** dialog box. 2. Click **Maintenance** tab and then **Custom Settings**. 3. Clear the check box on **Identify paper type** and click **Send**. Click **OK** when the confirmation message appears. 4. Click the **Main** tab and select the type of paper from **Media Type**. 5. Click **OK**, then try printing again. 📖 Note　　The Paper Identification function is not available with Windows NT 4.0. **Macintosh** 1. Open the **BJ Printer Utility**. 2. Select **Custom Settings** from the pull-down menu. 3. Click **Identify paper type** to remove the check mark. 4. Select **Send**, and then click **OK**. 5. Open the **Print** dialog box. 6. Select **Quality & Media** from the pop-up menu. 7. Select the correct paper type from **Media Type**, and then click **Print**.
Borderless Printing Error	Incorrect paper loaded	Ensure that the loaded paper is suitable for Borderless Printing. If the error continues, disable Paper Identification, select the desired type of paper, then try printing again. 📖 Note　　The Paper Identification function is not available with Windows NT 4.0.
Errors on Photo Paper Tray	Paper not loaded	Load paper in the Photo Paper Tray, ensure that the knob is turned to the left until it points at the arrow on the Photo Paper Tray, and press the **RESUME/ CANCEL** button. See **"Printing from the Photo Paper Tray"** on page 17.
	Incorrect paper size selected	Verify that the paper 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 (for Windows) or the **Page Setup** dialog box (for Macintosh) to ensure that it matches the size of the paper loaded. 📖 Note　　To print from the Auto Sheet Feeder, follow the procedure below. 　　For paper sizes smaller than B5 (7.1 x 10.1 in / 182 x 257 mm), remove the Photo Paper Tray, and load the desired size of paper in the Auto Sheet Feeder. 　　For other sizes, turn the knob on the Photo Paper Tray to the right, and then load the desired size of paper in the Auto Sheet Feeder.

Problem	Possible Cause	Try This
Windows Error Writing / Output to LPT1 or USBxxx (or USBPRNxxx)	Printer not ready	The **POWER** lamp will flash green when the printer is warming up or when a print job is being sent to the printer. It will glow a steady (non-flashing) green when it is ready for use or when the print job is completed.
	Paper not loaded	Load paper and press the **RESUME/CANCEL** button.
	Paper 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.
	Printer port setting does not match the interface connected to the printer	Check the printer port settings. 1. Open the **Printer Properties screen**. 2. Click the **Port** tab (or the **Details** tab) to confirm the port settings. A parallel port is selected if the port on the printing side is LPT1: (ECP printer port). A USB port is selected if either USBnnn (Canon i860) or USBPRNnn (Canon i860) (where n is a number) is indicated. To change this setting, shut down your Windows operating system, turn off the printer, then re-connect the printer to the interface selected in the printer driver.
	Faulty connection	Ensure that the printer cable is securely connected to the computer. 📖 Note 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 i860**, and **Uninstall**. 2. Follow the on-screen instructions to uninstall driver. 3. Follow the procedures described in the *Easy Setup Instructions* and reinstall the printer driver.
	Printer port error	Verify the printer port status. When using the parallel interface: 1. Open the Device Manager, double-click Ports (COM/LPT), and then double-click Printer Port (LPT1). 📖 Note The printer port name depends on your system environment.
Macintosh "Error No.: X300"	Printer not ready	If the **POWER** lamp is off, turn the printer on. If the **POWER** lamp is flashing green, the printer is initializing. Wait until the **POWER** lamp stops flashing.
	Printer not properly connected	Ensure that the printer is securely connected to the computer. 📖 Note 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.
	Specified printer name not on the print list under **Print Center**	1. Select Application from the **Go** menu. 2. Double-click **Print Center** in the **Utility** folder 3. Ensure that **i860** is indicated in the printer list.
Macintosh "Error No.: 2500"	Automatic print head alignment failed	Automatic print head alignment failed. See "**Handling Error Messages**" on page 72.

Cannot Print Properly from the Digital Camera

The following messages may be displayed on the digital camera or digital video camcorder when images are printed directly from them. Correct the error according to the procedure below.

Camera Error Message	Possible Cause	Try This
Printer in use	Images are printed from the computer	Wait until printing ends. The printer automatically starts printing the images from the camera after completing the current printing.
Printer warming up	The printer is warming up	Wait until warm-up ends. When it is ready, the printer starts printing automatically.
No Paper	No paper is loaded	Load the paper in the printer and press the **RESUME/CANCEL** button on the printer.
Paper Jam	A paper jam occurs in the printer	Remove the jammed paper, load new media, and press the **RESUME**/**CANCEL** button.
Printer cover open	The front cover is open	Close the front cover.
No print head	Print head is defective or not installed	Install the print head again according to the *Easy Setup Instructions*. If the problem continues after reinstalling it, the print head may be defective. Contact the Customer Care Center.
Waste tank full	The waste ink tank is nearly full	Press the **RESUME/CANCEL** button on the printer to recover from the error. Contact the Customer Care Center as soon as possible.
Printer error	An error requiring servicing has occurred (The **POWER** lamp on the printer flashes alternately orange and green)	Turn off the printer, unplug the power cord from the power supply, plug the power cord back in, and then turn on the printer. If the same error occurs, contact the Customer Care Center.
	Ink is low	It is about time to replace the ink tank with a new one. Use a new ink tank. Select **Continue** in the Low Ink Warning display to resume the printing.
	Ink tank is empty	An ink tank is not inserted, or the ink tank has run out of ink. Replace the ink tank with a new one.

📖 **Note**
- Images can be printed directly from digital cameras and digital video camcorders that are compatible with this printer.
- If the connected digital camera or digital video camcorder is not supported, the **POWER** lamp on the printer flashes nine times. If this happens, disconnect the connection cable and press the **RESUME/CANCEL** button on the printer.
- If the operation time or data transmission time is too long when the digital camera or digital video camcorder is connected to this printer, a communication time error may occur and no more images can be printed. If this error occurs, press the **RESUME/CANCEL** button on the printer. They will automatically turn on. If not, turn it on.
- For more details, also refer to the user's manual for the digital camera or digital video camcorder.
  If there is a problem with the digital camera or digital video camcorder, contact the Customer Care Center.

Appendix

Installing the Printer Driver When Using Mac OS 9.x

When using other than Mac OS X (Mac OS 8.6 to 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 8.6-9.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…" appears, click **Continue**.

7 When the "Installation was successful" screen is displayed, click **Restart**.

8 From the **Application** folder, double-click on the software to be installed. Follow the on-screen instructions.

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

10 When prompted, restart your computer.

11 After the computer restarts, TURN THE PRINTER ON, and select the **Apple** menu, then **Chooser**.

12 Click the **i860** icon in the **Chooser**.

13 Close the **Chooser**.

> 📖 **Note**
> ● Register your product at **www.registercanon.com** to ensure product support.
> ● Refer to the *Mac OS 9 Printer Driver Guide* for instructions on how to align the print head.

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

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.**
Print speed *	**Black printing (text pattern)**
*Print speed may vary with the content of the document and the processing speed of the host computer.	**Max Speed (Custom Setting 5): 23 ppm**
	Standard: 12.4 ppm
	Color printing
	Max Speed (Custom Setting 5): 16 ppm
	Standard: 9.0 ppm
Print width:	**203.2 mm max. (8.0 in)** **(for Borderless Printing: 216.0 mm / 8.5 in)**
Resident print control mode:	**Canon extended mode**
Receive buffer:	**42 KB**
Interface (parallel): **Interface (USB):**	**IEEE 1284-compatible** **USB**
Acoustic noise level:	**Approx. 39 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 100-127 V, 50/60 Hz** **AC 220-240 V, 50/60 Hz**
Power consumption:	**Standby: Approx. 0.4 W** **Printing: Approx. 25 W**
Dimensions **(with the paper rest and paper output tray retracted):**	**16.5 (W) X 12.2 (D) X 7.3 (H) in** **420 (W) X 311 (D) X 185 (H) mm**
Weight:	**5.8 kg (12.79 lb.)**
Print Head:	**Black: 320 nozzles (600 dpi)**
	Yellow, Black: 256 nozzles (1200 dpi)
	Cyan, Magenta: 512 nozzles per color (1200 dpi)

Printer

Ink Tanks:

Capacity (pages):

Black (BCI-3eBK) approx. 740[*1], approx. 1500[*2]

Black (BCI-6BK) approx. 2000[*2]

Cyan (BCI-6C) approx. 550[*2]

Magenta (BCI-6M) approx. 430[*2]

Yellow (BCI-6Y) approx. 360[*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

Camera Direct Print

Interface

Direct Print Port
(Connect a i860-compatible digital camera or digital video camcoder using the USB cable supplied with the camera.)

Compatible digital cameras and digital video camcorders

i860 compatible digital cameras and digital video camcorders

Compatible Paper

Card #1 (Photo Paper Pro 4" x 6" /101.6 x 152.4 mm), Card #2 (Photo Paper Plus Glossy 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 or Photo Paper Plus Glossy Letter), A4 (Photo Paper Pro or Photo Paper Plus Glossy A4)

Layout Print

Standard: Borderless / with border, Index Print: 15-80 images

Print Quality

1 level

Effect

Exif Print

DPOF Functions

Ver. 1.00 compatible (Index print, number of copies, select images, print special characters (date/image no.))

BJ Printer Driver Systems Requirements

Windows
- Use a computer equipped with Windows XP, Windows 2000, Windows Me, Windows 98, Windows NT 4.0 or Windows 95 can operate.
- USB interface or standard 25 pin parallel interface
- Available hard-disk space for printer driver installation
  Windows XP/Windows 2000/Windows NT 4.0: 50MB
  Windows Me/Windows 98/Windows 95: 15MB

USB operation can only be guaranteed on a PC with pre-installed Windows XP, Windows 2000, Windows Me, or Windows 98. (This includes Windows XP, Windows 2000, or Windows Me upgraded from pre-installed Windows 98 or later.)

Macintosh
- Use a Macintosh series computer equipped with USB interface on which Mac OS 8.6 to 9.x or Mac OS X v.10.2.1 to 10.2.4 can operate.
  See www.canontechsupport.com for Mac OS update compatibility.
- Available hard-disk space for printer driver installation
  Mac OS 8.6 to 9.x: 30 MB
  Mac OS X v.10.2.x to 10.2.4: 100 MB
- The following functions are not supported when using Mac OS X v.10.2.x to 10.2.4:
  - Duplex Printing
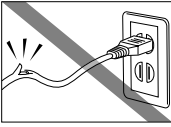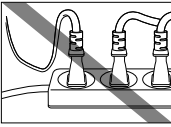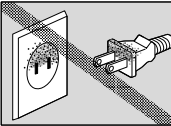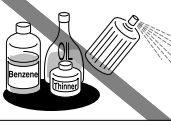 - Photo Optimizer PRO

Additional Systems Requirements for User's Guide

- Pentium®, 75 MHz equivalent or higher processor (Pentium®, 133MHz equivalent or higher processor recommended)
- 2x or higher CD-ROM drive (4x or higher recommended)
- 20 MB of available hard-disk space
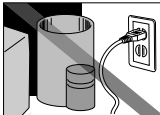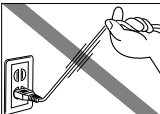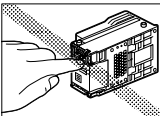- Microsoft Internet Explorer 5.0 or later

⚠ 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.
	When moving the printer, carry the printer at both ends.
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 100-127 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 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: K10231 (i860)

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 Printer and Scanner 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 printer or scanner (each a "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. 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 computer equipment and software. Canon 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 its 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 operating instructions.

(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 it 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. 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 IMMEDIATELY IF YOU HAVE NOT RECEIVED A COPY OF THE SOFTWARE MANUFACTURER'S LICENSE AGREEMENT.

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Appendix

Canon 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)
- Automated interactive telephone support on most current products 24 hours, 7 days a week (1-800-423-2366)
- 24-hour, Fax-On-Demand System for product specifications and technical information (1-800-526-4345)
- Free live technical support Monday—Saturday (excluding holidays) for products still under warranty (1-757-413-2848)
- The location of the ASF nearest you (1-800-423-2366, select "automated support options")
- TDD (Telephone Device for the Deaf) (1-866-251-3752)

If the problem cannot be corrected by using one of the above technical support options, repair options are available at the time of your call to the Free live technical support number above or via the website at www.canontechsupport.com

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

* Support program specifics are subject to change without notice.

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Lake Success, NY 11042
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