

Canon

i70

Color Bubble Jet Printer

Quick Start Guide

Canon i70 Color Bubble Jet Printer Quick Start Guide.

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Basic Printing

 **Note** This **Quick Start Guide** describes some of the features of your i70 printer and how to use them. For more information, view the i70 **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 Open the paper rest.
- 2 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 52.

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

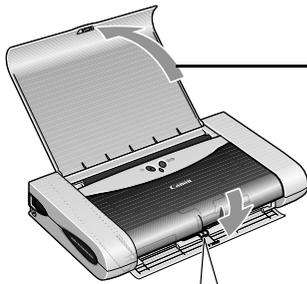
This section describes how to load plain paper into your printer.

- For detailed information on the speciality media Canon provides for use with its various printers, refer to the section "**Using Speciality Media**" on page 5.
- Consult the *User's Guide* for detailed instructions on how to load envelopes and speciality media into the printer.

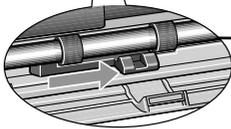
1 Flatten the four corners of the paper before loading it.

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.

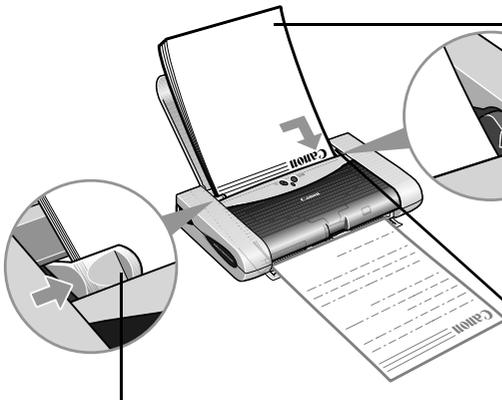


(1) Open the paper rest and output slot cover.



(2) Move the paper thickness lever to the correct position for the media in use.
Move to the right position for plain paper. Move to the left position for envelope, and T-Shirt Transfers.

3 Load the paper.



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

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

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

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



Note

- Do not stack more than 10 sheets in the paper output slot cover.
- Do not touch the printed surfaces until the ink dries. For specific drying times, refer to the instructions packaged with your media.

Using Speciality Media

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

■ Photo Quality Media

- Photo Paper Pro
- Photo Paper Plus Glossy
- Matte Photo Paper
- Glossy Photo Paper
- Glossy Photo Cards
- High Gloss Photo Film
- High Resolution Paper



■ Media Suited to Business Documents

- High Resolution Paper
- Transparencies



■ Canon Speciality Media

Media Type	Paper Rest Load Limit	Paper Thickness Lever Position	Printer Driver Setting Media Type
Photo Paper Pro	Letter:1 sheet 4" x 6" : up to 10 sheets	Right	Photo Paper Pro
Photo Paper Pro Perforated	Up to 10 sheets	Right	*2
Photo Paper Plus Glossy	Up to 5 sheets* ¹	Right	Photo Paper Plus Glossy
Matte Photo Paper	Up to 10 sheets	Right	Matte Photo Paper
Glossy Photo Paper	Up to 10 sheets* ¹	Right	Glossy Photo Paper
High Resolution Paper	Up to 10 sheets	Right	High Resolution Paper
T-Shirt Transfers	1 sheet	Left	T-Shirt Transfer
Transparencies	Up to 10 sheets* ¹	Right	Transparency



Note

- For detailed description of print media types, refer to the *User's Guide*.
- *¹: When paper cannot be fed normally, load the necessary number of sheets in the auto sheet feeder with them separating from each other to avoid them from sticking together.
- *²: 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 Perforated. For instructions on how to print from the software applications, refer to the *Photo Application Guide*.



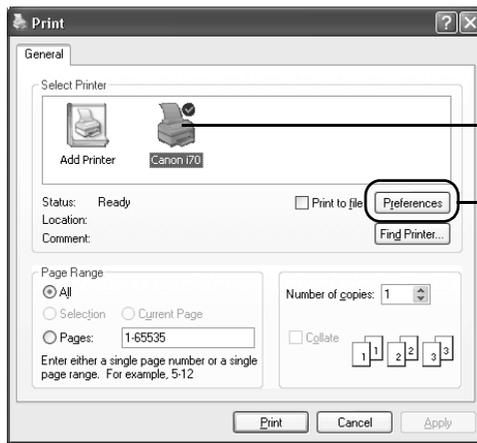
Printing with Windows

-  **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 Printer Properties dialog box.

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

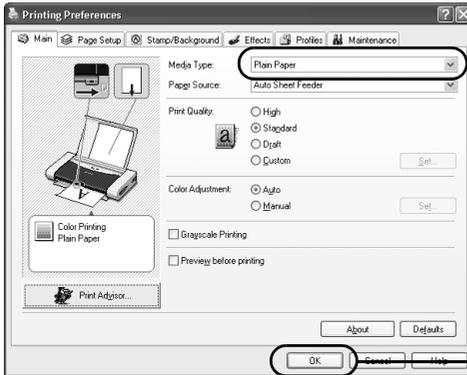


(2) Ensure that **Canon i70** is selected.

(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.

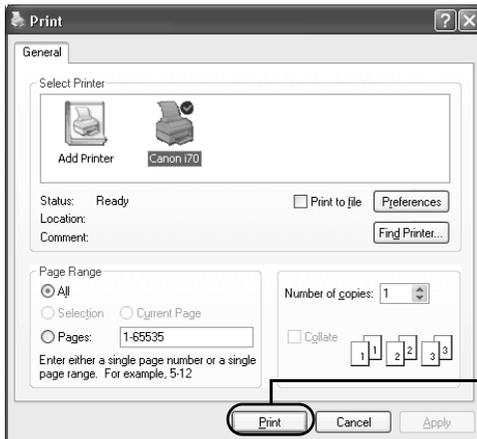
(2) Click **OK**.



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 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.

4 Print the document.



(1) Click **Print**.



Note

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

Macintosh

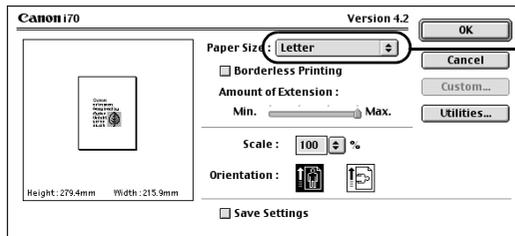
Printing with Macintosh

-  **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 9.

1 Create a document or open a file to print.

2 Select Paper Size.

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

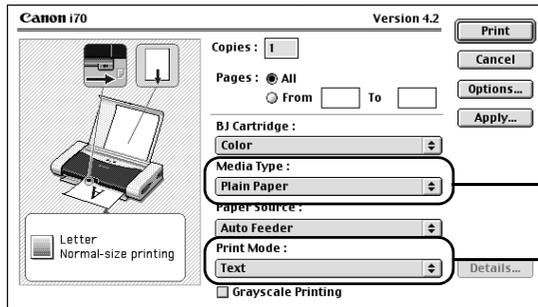


(2) Select the desired paper size from the **Paper Size** pull-down menu.

(3) Click **OK**.

3 Specify the required settings.

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



(2) Select the **Media Type** from the pull-down menu.

(3) Select the type of document from the **Print Mode** pull-down menu.

(4) Click **Print**.



Note

- When you select the type of document from the **Print Mode** pull-down menu, the document will be printed in color and print quality suited to the characteristics of **Media Type** you have selected.
 - Text:** Select when printing documents consisting mainly of text.
 - Graphic:** Select when printing documents consisting mainly of graphs and graphics (illustrations) with strong color definition.
 - Photo:** Select when printing documents consisting mainly of photographs and graphics featuring fine color gradation.
 - Manual:** If you select **Manual**, the **Details** button will become selectable. Click the **Details** button to display the **Detailed Setting** dialog box where you can fine-tune the Print Quality and Halftoning settings. Refer to the *User's Guide*.
- For details about other printer driver functions, refer to the *User's Guide* or Help.
- You can cancel a print job in progress by simply pressing the **RESUME/CANCEL**  button on the printer.

Printing Data through Infrared Transmission

If you have a computer or PDA with an infrared port for wireless data transmission, you can print data with a cordless connection with the printer. You can also print an address book, schedule, or memo received from a PDA in a fixed format through infrared transmission.

■ Requirements for Infrared Transmission with the Computer

Printing through infrared transmission can be performed under Windows XP, Windows Me, Windows 2000, Windows 98 or Windows 95. In order to use infrared transmission, your computer must satisfy the following requirements:

Computer	IBM PC/AT or compatible machine
CPU	Intel Pentium or higher
IrDA	IrDA 1.1 compliant
Baud rate (transmission speed)	Max. 4 Mbps
Infrared transmisssion devices	·Infrared transmission port incorporated in the computer ·Infrared port (OBEX compliant) of the PDA (Personal Digital Assistants)



Note

- When using other than Windows 95, Windows 98 or later must have been pre-installed and Microsoft Infrared Communication Driver must be installed on your computer.
- When using Windows 95, IrDA 1.0 (baud rate: max. 115.2 kbps) is used for data transmission. In this case, Microsoft Infrared Communications Driver Version 2.0 must be installed in your computer. Refer to your computer's operation manual for more details.
- When using Windows 98 or Windows 95, check whether the infrared transmission driver has been installed. To activate the infrared port, carry out the following operation:
 1. Click **Start**, then click **Settings** and **Control Panel**.
 2. Check whether the **Infrared** icon is displayed in the window. If this icon is displayed, the required infrared driver has already been installed. Refer to your computer's operation manual for more details.
 3. Double-click the **Infrared** icon.
 4. Check the **Enable infrared communication** check box is on (Windows 98) or **Enable infrared on** check box (Windows 95) is on. If the check box is not selected, select it.
- When using Windows Me, check whether the infrared communication driver has been installed following the procedure below.
 1. Click **Start**, then click **Settings** and **Control Panel**.
 2. Check whether the **Wireless Link** icon is displayed. If this icon is not displayed, there is a possibility that the infrared communication driver has not been installed. Refer to your computer's operation manual for more details.

■ Performing Infrared Transmission

When performing infrared transmission, also refer to your computer or PDA manual.

1 Set up the Printer.

- (1) Ensure that the universal AC adapter is connected securely.

When using an optional battery, ensure that it has been charged.

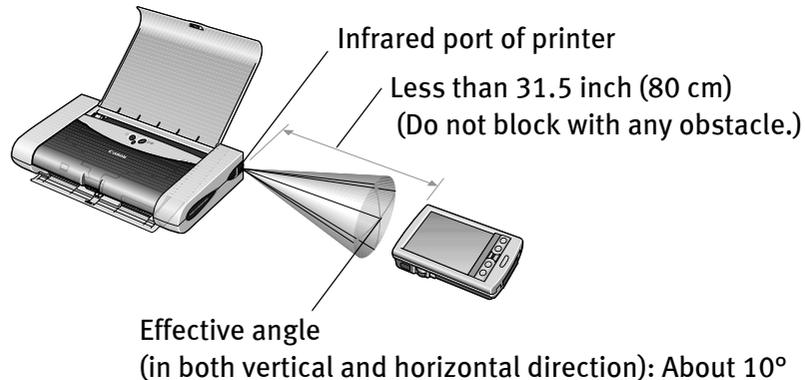
- (2) Open the paper rest and turn on the printer.
- (3) Load the paper on the paper rest.

2 Start Infrared Transmission.

- (1) Oppose the infrared port of the computer or PDA to that of the printer at a distance of less than 31.5 inch (80 cm).

The effective angle of the infrared port of the printer is about 10° from the central axis in both vertical and horizontal directions.

The allowable distance of communication with the printer depends on the computer or PDA you use. For this distance, refer to your computer or PDA manual.



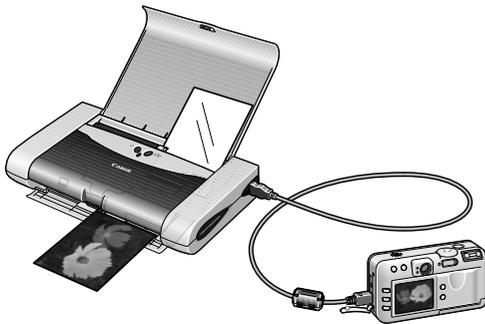
-  **Note**
- Do not place any obstacle between the infrared ports of the printer and PDA or computer. Data cannot be transmitted between them. Check the orientation and positions of the infrared ports of the printer and PDA or computer. Oppose these ports properly as mentioned above.
 - Before printing data or using a maintenance function of the printer driver, ensure that the name of the printer connected based on the IrDA system is displayed by clicking the **Wireless Link** icon (For Windows Me, Windows 98 or Windows 95, click the **Infrared** icon) on the **Control Panel**.
 - During printing, be careful not to interrupt infrared transmission with the printer. If it is interrupted, turn off the printer and cancel printing on the computer or PDA. Placing the pointer on the **Wireless Link** icon (For Windows Me, Windows 98 or Windows 95, click the **Infrared** icon) on the **Control Panel** allows you to check whether IrDA transmission has been interrupted.
 - When using Infrared transmission in Windows XP or Windows 2000, BJ Status Monitor is not displayed.

Advanced Printing

Printing Photographs from the Digital Camera Directly

Connecting a Canon digital camera with Bubble Jet Direct function to the printer allows you to print recorded images directly without using a computer.

 **Note** To print directly from a digital camera or digital video camcorder, use only a Canon “Bubble Jet Direct” compatible digital cameras or digital video camcorders.



■ Media Types for Digital Camera

You can use the following Canon media:

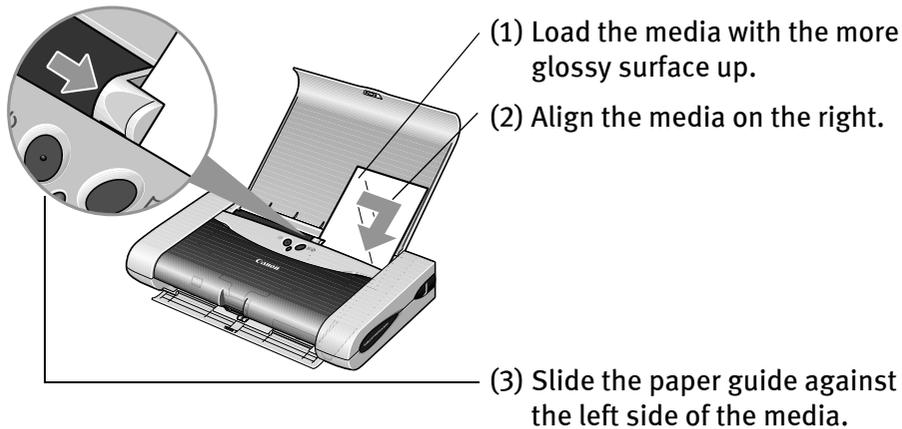
Digital Camera Setting	Media Type
Card #1	Photo Paper Pro 4" x 6"
Card #2	Photo Paper Plus Glossy 4" x 6"
Card #3	Photo paper Plus Glossy 5" x 7"
LTR	Photo Paper Pro or Photo Paper Plus Glossy Letter
A4	Photo Paper Pro or Photo Paper Plus Glossy A4

■ Printing from a Digital Camera

1 Set up the Printer.

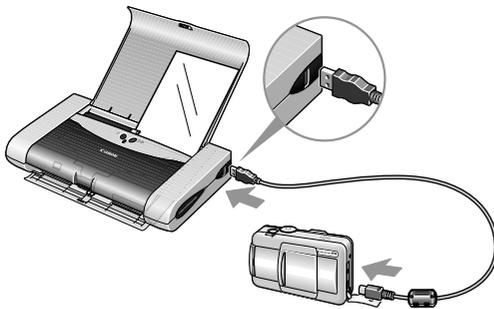
- (1) Ensure that the universal AC adapter is connected securely.
- (2) Open the paper rest and turn on the printer.

2 Load the paper on the paper rest.



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.



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

- (1) Select the **Replay** mode and display the image you want to print.
- (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 method and troubleshooting, refer to your digital camera manual. For print error messages, refer to "**Handling Error Messages While Using the Digital Camera**" on page 58.
- 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 other than Exif may not be index printed.
 - For the images taken with an Exif 2.2-compatible digital camera, the Photo Optimizer PRO function can be used.
 - If date printing is set on the digital camera, the date when the photograph was taken is to be printed (excluding the index print).
 - Images will be scaled automatically according to the image size set on the digital camera and the size of the media set on the printer.
- The digital camera does not support the following functions:
 - Print quality setting
 - Maintenance

*The print head cannot be aligned by operating 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.

Accessing 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 the Canon i70 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 i70 icon.
- 3** Open the **File** menu and select **Printing Preferences (or Properties)**.
The **Printer Properties** dialog box opens.

Adjusting Print Quality for Photographs

■ Improving Printed Images

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

Paper and Ink

Using recommended Canon paper, speciality media, and inks for printing photographs can significantly improve the quality of your printouts. See the inside back cover for a list of Canon media and inks 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 *i70 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

- Turn on **Balloon Help** by clicking **Help**, then **Show Balloons**.

■ Adjusting Print Quality

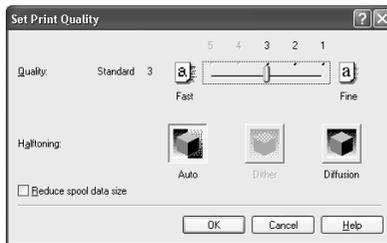
Features that affect the appearance and quality of your printed images can be controlled with the printer driver.

The i70 automatically adjusts printer settings to improve print quality based on the media type (plain paper, Photo Paper Pro, and so on). You can also customize the Print Quality settings if desired.

To manually adjust Print Quality settings:

Windows

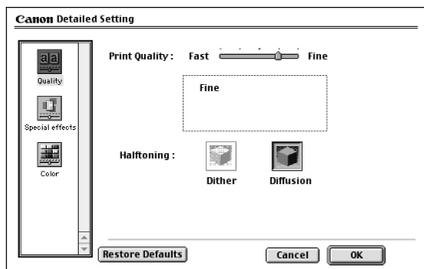
- 1 Open the Printer Properties dialog box.
See "Opening the Printer Properties Dialog Box from Your Application Program" on page 17.
- 2 Select Custom in Print Quality, then click Set... to open the Set Print Quality dialog box.
- 3 Move the slide bar to adjust the Print Quality.



- 4 When the process is complete, click OK.

Macintosh

- 1 Open the Print dialog box.
See "Printing with Macintosh" on page 9.
- 2 Click Print Mode and select Manual, then click Details... to open the Detailed Setting dialog box.
- 3 Move the slide bar to adjust the Print Quality.



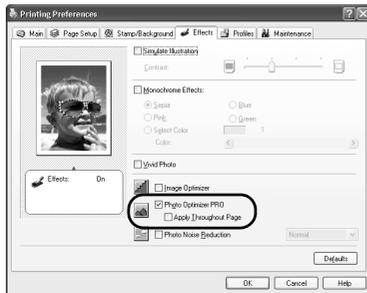
- 4 When the process is complete, click OK.

To automatically optimize the image:

Photo Optimizer PRO automatically adjusts the photographic image created with a digital camera. Use this feature to compensate for unsatisfactory color balance and over- or under-exposure before printing.

Windows

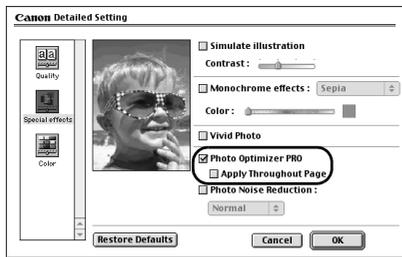
- 1 Open the Printer Properties dialog box.
See "Opening the Printer Properties Dialog Box from Your Application Program" on page 17.
- 2 Click the Effects tab.
- 3 Select the Photo Optimizer PRO check box.



- 4 Click OK.

Macintosh

- 1 Open the Print dialog box.
See "Printing with Macintosh" on page 9.
- 2 Click Print Mode and select Manual, then click Details... to open the Detailed Setting dialog box.
- 3 Click  (Special effects).
- 4 Select the Photo Optimizer PRO check box.



- 5 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.

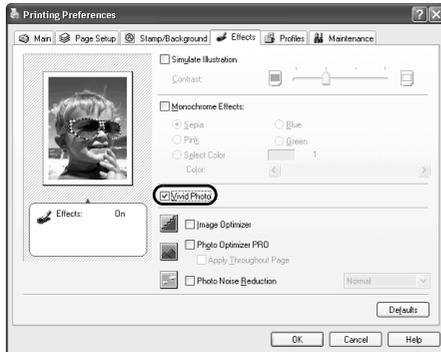


Note In Windows Me or Windows 98

The Vivid Photo function is not available, if Background Printing has been disabled.

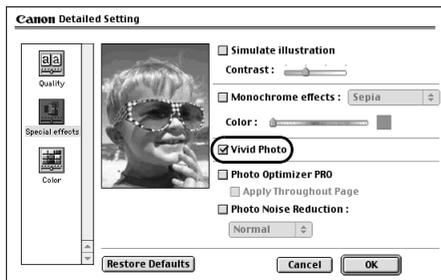
Windows

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 recorded with digital camera:

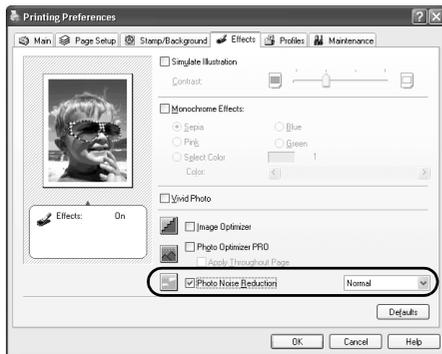
Photo Noise Reduction function reduces noise from blue portions, such as the sky and dark portions of the images recorded with your digital camera.

Note In Windows Me or Windows 98

The Photo Noise Reduction function is not available, if Background Printing has been disabled.

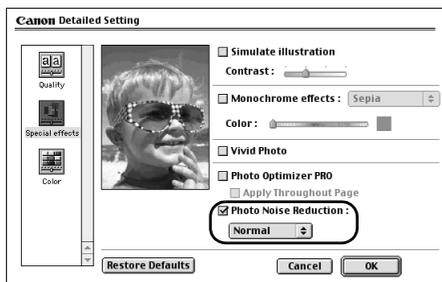
Windows

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.

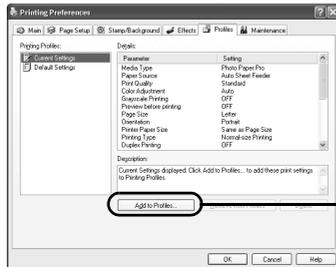
Windows

1 Open the Printer Properties dialog box.

See "Opening the Printer Properties Dialog Box from Your Application Program" on page 17.

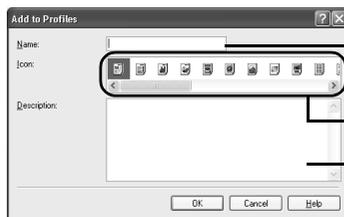
2 Click the Profiles tab.

3 Enter 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 on 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.

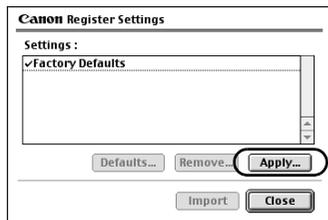
Retrieving profile: Select the desired profile from **Printing Profiles**, and click **Retrieve** from **Profiles**.

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 9.
- 2** Click Apply.
The **Register Settings** dialog box opens.
- 3** Enter the print settings to register.



(1) Click **Apply**....

The dialog box to enter the new settings name opens.



(2) Enter a name under which to register your settings.

- 4** Click OK.
- 5** Click Close in the Register Settings dialog box.
This registers your printer driver print settings.

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

Retrieving print settings: Select the name of the settings to retrieve from the Settings list and click **Import**.

Deleting unwanted drivers settings: Select the name of the settings to delete from the Settings list and click **Remove**.

Using Printer Driver Options

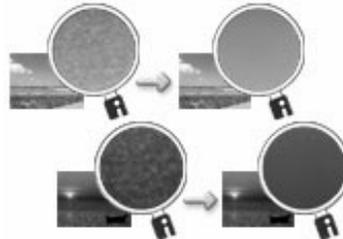
Getting to know the basic features of your printer driver will provide you with sufficient expertise to print a wide range of images and documents.

The illustrations below provide a basic introduction to the many features offered by your printer driver.

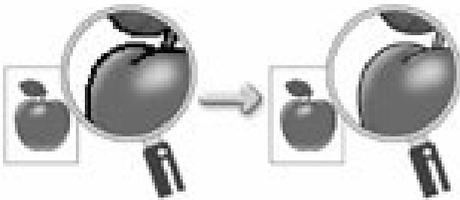
 **Note** For detailed description of the printer driver functions, refer to the *User's Guide*.



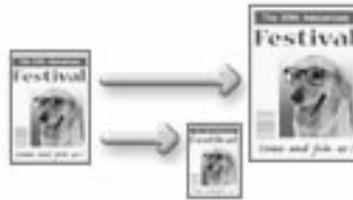
Printing with Borderless Printing



Reducing Noise from Images Recorded with Digital Camera



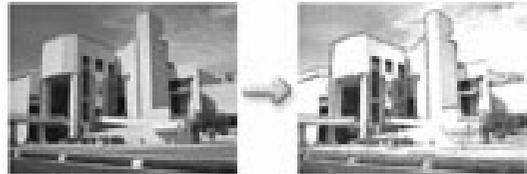
Smoothing the Rough Edges of Certain Images



Automatically Resizing the Image to Fit the Page



Resizing the Image by Selecting the Scaling Ratio



Adding Illustrated Effect to Documents

Using the Bundle Software

The *Setup Software & User's Guide CD-ROM* includes photo applications designed to edit the photographs taken by digital camera and print them as photo-lab quality prints. Please use the application(s) suitable for your print purposes.



Note

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

■ Easy-PhotoPrint (Windows)

You can make Borderless Printing easily and quickly, just by selecting a photograph taken with a digital camera and the paper type on which to print. You can also use simple editing features such as trimming and image rotation. It is Exif Print (Exif 2.2)^{*1} compatible. Internet Explorer 4.0 or later must be installed.

■ ImageBrowser (Macintosh)

You can import photographs taken with a digital camera into the computer, edit and caption them. You can produce Borderless prints or Index prints with ease. It is Exif Print (Exif 2.2)^{*1} compatible.

■ ZoomBrowser EX/PhotoRecord (Windows)

You can import photographs taken with a digital camera into the computer, edit, add a caption and print them in an album format. PhotoRecord is Exif Print (Exif 2.2)^{*1} compatible. ZoomBrowser EX requires Windows XP, Windows 2000, Windows Me or Windows 98.

■ 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. Easy-WebPrint requires Windows XP, Windows 2000, Windows Me or Windows 98.

^{*1} Exif Print (Exif 2.2) is a new 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. 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 Photographs with Windows

This chapter describes the steps used to print from photo applications included with your Setup Software and 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).

Follow the steps below to create 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 (filename extension: .jpg and .jpeg).

1 Start Easy-PhotoPrint.

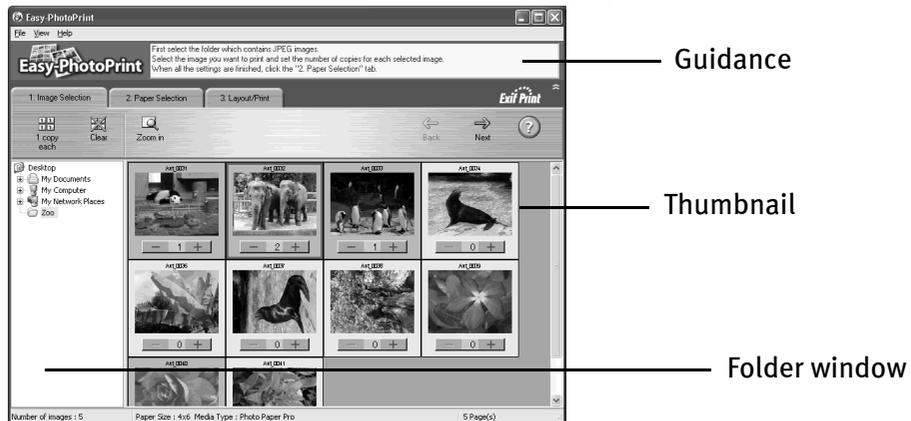
- (1) Store the photographs you took with your digital camera in the folder on the hard disk.

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

- (2) Click **Start**, select **All Programs** (or **Programs**), **Canon Utilities**, **Easy-PhotoPrint**, and then **Easy-PhotoPrint**.
The **1.Image Selection** sheet is displayed.

2 Select photographs.

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



Advanced Printing

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

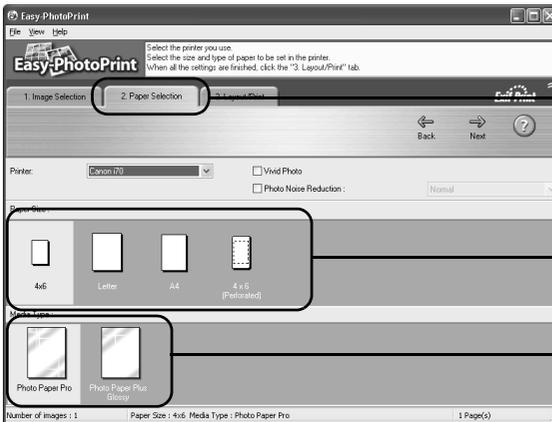


Increases the number of copies.

Displays the specified number of copies.

Decreases the number of copies.

3 Select the paper.



- (1) Click the **2. Paper Selection** tab.

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

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

4 Select the layout.



- (1) Click the **3. Layout/Print** tab.

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

- (3) Load the media specified in the **2. Paper Selection** tab.

- (4) Click **Print**.

Macintosh

Printing Photographs with Macintosh

This chapter describes the steps used to print from photo applications included with your Setup Software and 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).

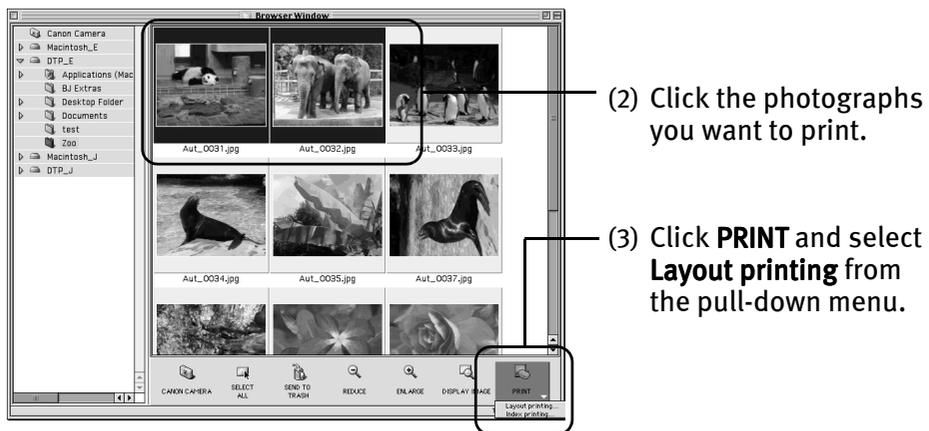
Follow the steps below to create color prints of digital camera photographs with ImageBrowser using Borderless Printing function.

1 Start ImageBrowser.

- (1) Store the photographs you took with your digital camera in the folder on the hard disk.
This section describes how to print photographs stored in the folder on the hard disk.
- (2) Double-click the **Canon ImageBrowser** (alias) icon on the desktop.
If the **Canon ImageBrowser** icon is not displayed on the desktop, open the **Canon ImageBrowser** folder, and double-click the **ImageBrowser** icon in the folder.

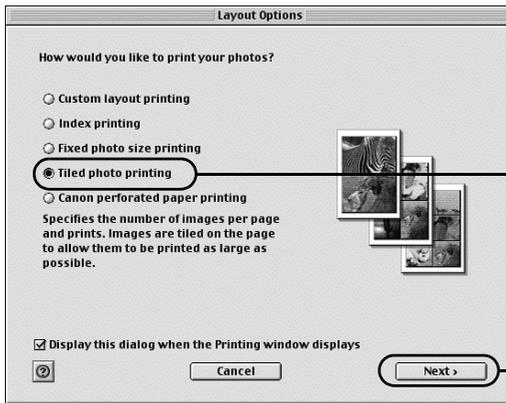
2 Select photographs.

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



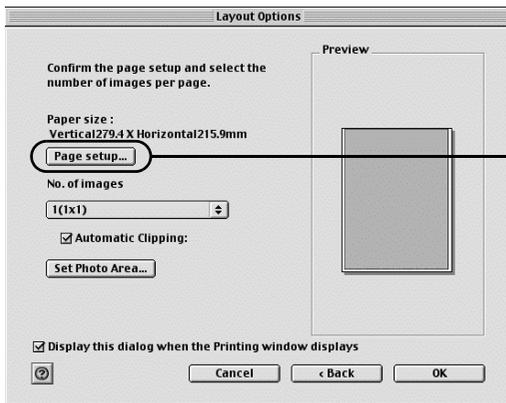
The **Layout Options** dialog box appears and layout selection wizard starts.

3 Enter layout options.



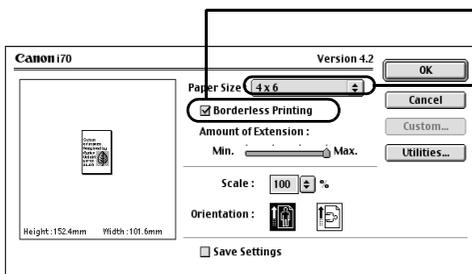
(1) Select **Tiled photo printing**.

(2) Click **Next**.



(3) Click **Page setup...**

4 Select Borderless Printing.



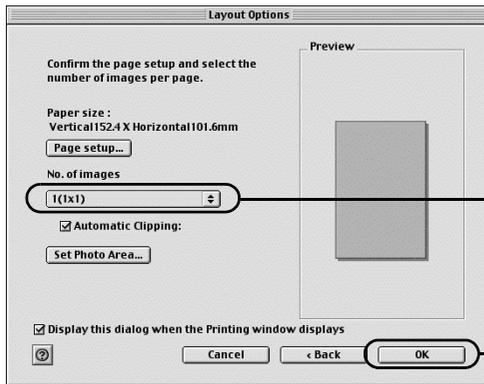
(1) Select **Borderless Printing**.

(2) Select a paper size from the **Paper Size** pull-down menu. The menu only displays paper sizes compatible with Borderless Printing.

(3) Click **OK**.

A message box pops up. Read the message and click **OK**. This returns you to the **Layout Options** dialog box.

5 Specify the number of photographs to print on one page.



(1) Select **1(1×1)** from the **No. of images** pull-down menu.

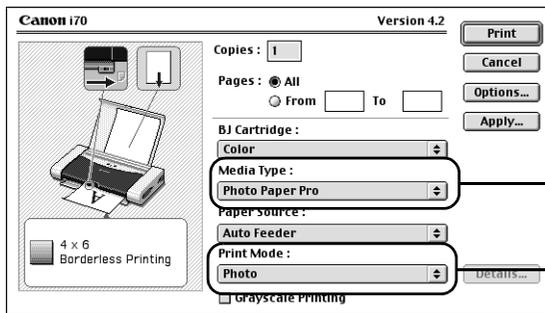
(2) Click **OK**.

6 Print the photograph.



(1) Click **PRINT**.

The **Print** dialog box is displayed.



(2) Select a type of media for printing from the **Media Type** pull-down menu.

(3) Select **Photo** from the **Print Mode** pull-down menu.

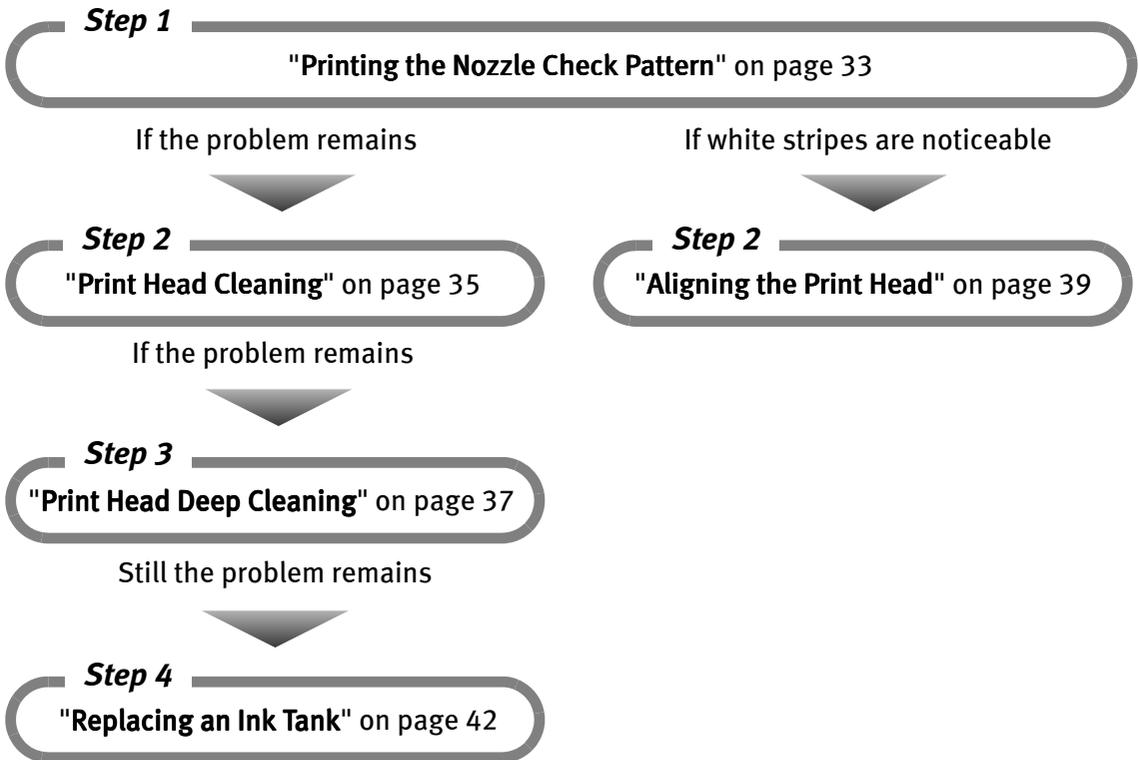
(4) Load the selected paper in the printer.

(5) Click **Print**.

Printing Maintenance

When Printing Becomes Faint or Colors are Incorrect

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



Note

- If ink tank replacement does not resolve the problem, contact the Customer Care Center.
- You will be alerted if you enable a low ink warning.

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 A4 or Letter 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 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 17.

3 Print the Nozzle Check Pattern.



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

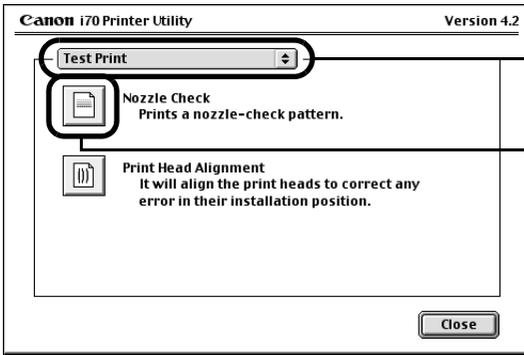
(2) Click **Nozzle Check**.

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

See "Examining the Nozzle Check Pattern" on page 34.

Macintosh

- 1 With the printer on, load a sheet of paper in the printer.
- 2 Open the Printer Utility dialog box.
 - (1) Select **Page Setup...** in the **File** menu.
 - (2) Click **Utilities** to open the **Printer Utility** dialog box.
- 3 Print the Nozzle Check Pattern.

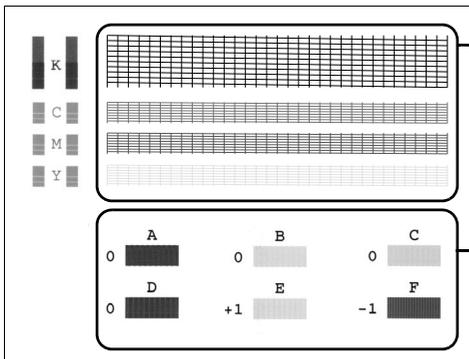


- (1) Select **Test Print** from the pull-down menu.
- (2) Click **Nozzle Check**.

- (3) When the confirmation message is displayed, click **OK**.
See "**Examining the Nozzle Check Pattern**" on page 34.

■ 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.



- (1) Lines missing here indicate the print head requires cleaning.
See "**Print Head Cleaning**" on page 35.
- (2) Unevenness in these patterns indicates the print head requires alignment.
See "**Aligning the Print Head**" on page 39.

Print Head Cleaning

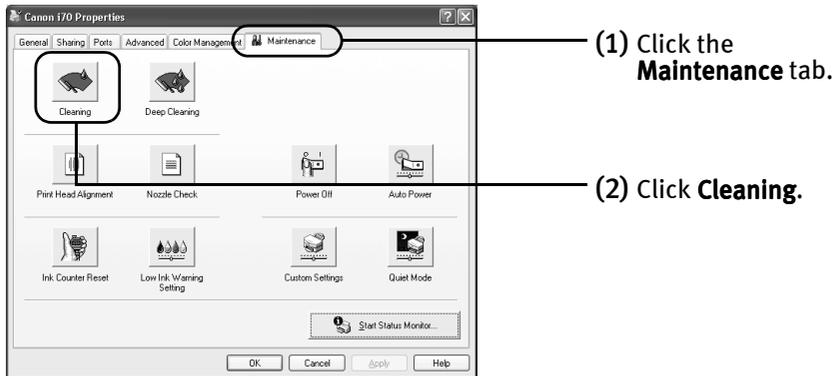
Clean the print head if you suspect that the nozzles might be clogged. Cleaning the print head consumes ink, so perform print head cleaning only when necessary.

Windows

- 1 Ensure 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 17.

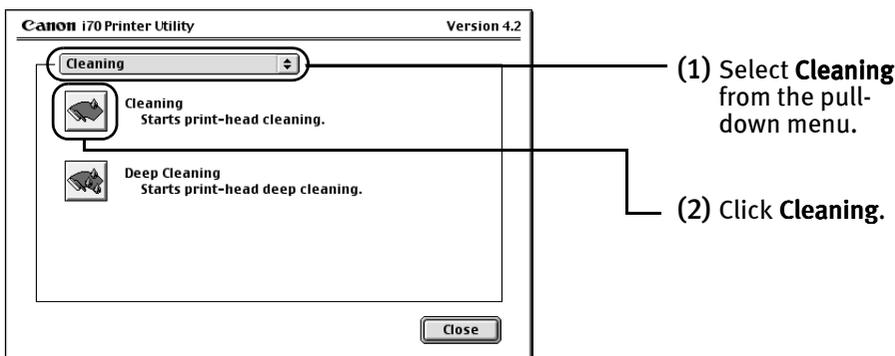
- 3 Start Print Head Cleaning.



- (3) Select the ink tank for cleaning.
- (4) When a confirmation message is displayed, click **OK**.

Macintosh

- 1 Ensure the printer is on.
- 2 Open the Printer Utility dialog box.
 - (1) Select **Page Setup...** in the **File** menu.
 - (2) Click **Utilities** to open the **Printer Utility** dialog box.
- 3 Start Print Head Cleaning.



- (3) Select the ink tank for cleaning.
- (4) When the confirmation message is displayed, click **OK**.

Important Do not perform any other operations until the print head cleaning finishes. This takes about 60 seconds.

-  **Note**
- Print head cleaning can be performed also from the printer itself. Ensure the printer is on. Hold down the **RESUME/CANCEL** button until the **POWER** lamp flashes once.
 - 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 33.

If the head is not still clean after print head cleaning, perform print head cleaning three times.

If the problem persists, perform print head deep cleaning.

See "**Print Head Deep Cleaning**" on page 37.

Print Head Deep Cleaning

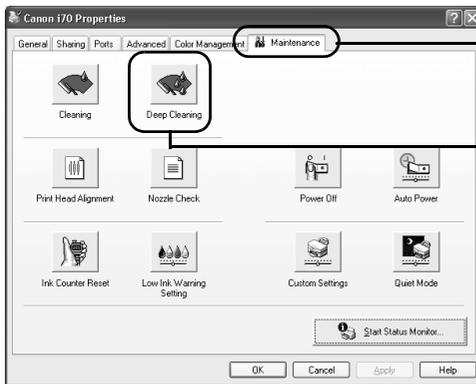
If print quality does not improve by standard print head cleaning, try print head deep cleaning, which is a more powerful process. Print head deep cleaning consumes ink, so perform this procedure only when necessary.

Windows

- 1 Ensure 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 17.

- 3 Start Print Head Deep Cleaning.



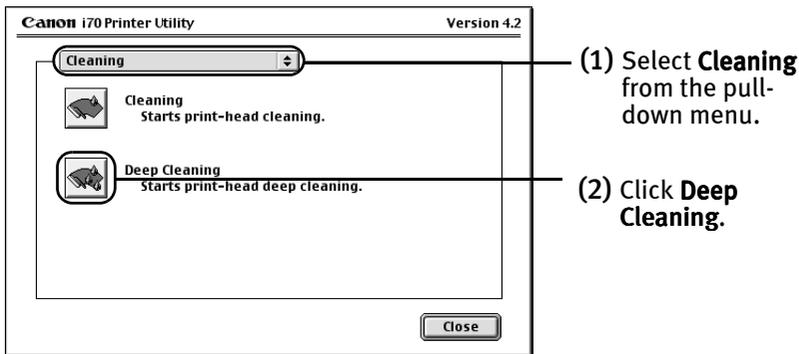
(1) Click the **Maintenance** tab.

(2) Click **Deep Cleaning**.

- (3) Select the ink tank for deep cleaning.
- (4) When the confirmation message is displayed, click **OK**.

Macintosh

- 1 Ensure the printer is on.
- 2 Open the Printer Utility dialog box.
 - (1) Select **Page Setup...** in the **File** menu.
 - (2) Click **Utilities** to open the **Printer Utility** dialog box.
- 3 Start Print Head Deep Cleaning.



- (3) Select the ink tank for deep cleaning.
- (4) When the confirmation message is displayed, click **OK**.

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 33.

If the head is still not clean after print head deep cleaning, replace the ink tank.

See "**Replacing an Ink Tank**" on page 42.

If ink tank replacement does not resolve the problem, the print head may be worn out. Contact the Customer Care Center.

Aligning the Print Head

Aligning the print head position allows you to print without shifts in the color registration.

Windows

- 1 With the printer on, load a sheet of paper in the printer.
Move the paper thickness lever to the right position.
- 2 Open the Printer Properties dialog box.
See "Opening the Printer Properties Dialog Box Directly from the Start Menu" on page 17.
- 3 Print the pattern.

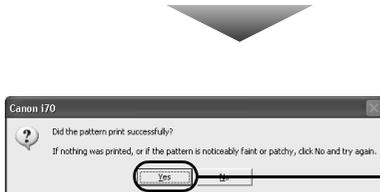


(1) Click the **Maintenance** tab.

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



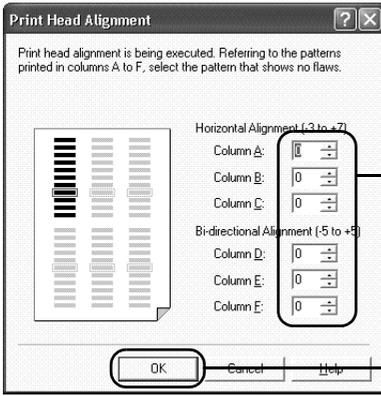
(3) When the confirmation message is displayed, click **OK**.



(4) After the pattern is printed, click **Yes**.

4 Align the Print Head.

(1) Look at the print out. From the patterns, select the most even, least irregular patterns and enter the number that corresponds.



(2) Enter the numbers.

(3) Click **OK**.

 **Note** If it is difficult to pick up the best pattern on Column F, pick the setting that produces the least noticeable vertical white stripes.



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

Macintosh

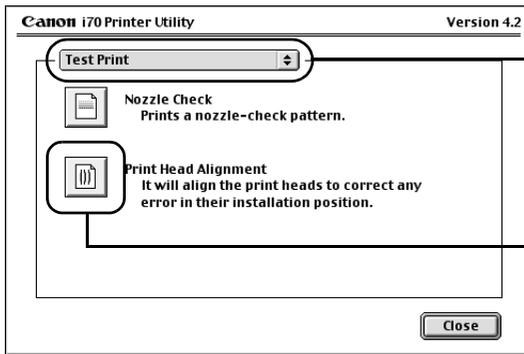
1 Ensure the printer is on.

2 Open the Print Utility dialog box.

(1) Select **Page Setup...** in the **File** menu.

(2) Click **Utilities** to open the **Printer Utility** dialog box.

3 Print the pattern.

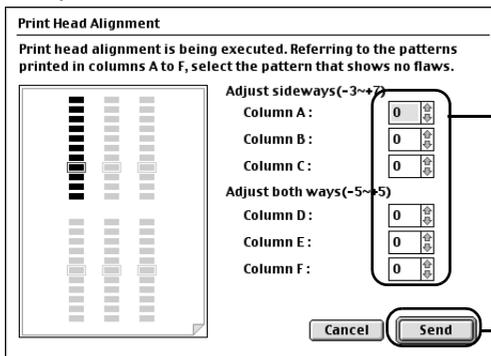


(1) Select **Test Print** from the pull-down menu.

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

4 Align the Print Head.

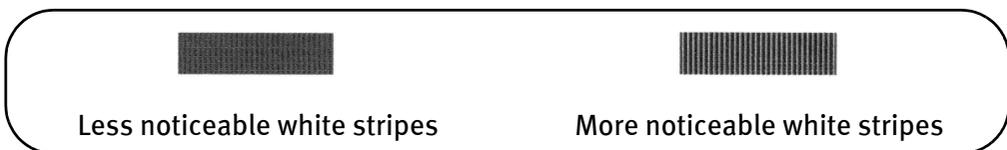
(1) Look at the print out. From the patterns, select the most even, least irregular patterns and enter the number that corresponds.



(2) Enter the numbers.

(3) Click **Send**.

Note If it is difficult to pick up the best pattern on Column F, pick the setting that produces the least noticeable vertical white stripes.



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.

- Black: BCI-15 Black
- Color: BCI-15 Color

■ Replacing an Ink Tank

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

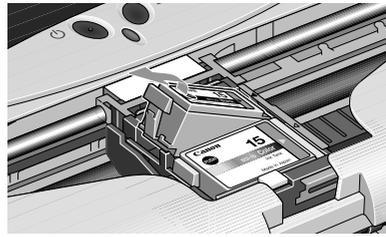
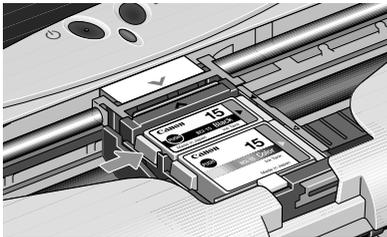
1 Ensure that the printer is on, and then open the print head cover.

The print head holder moves to the center.

2 Remove the empty ink tank.

(1) Push the tab.

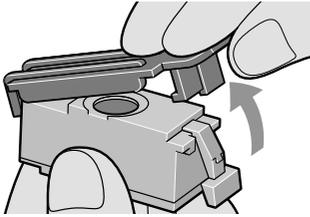
(2) Remove the ink tank.



- 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 ink tank.

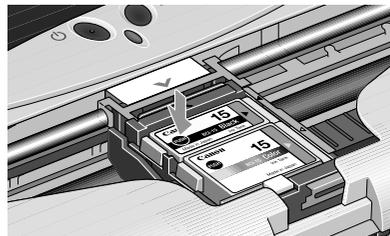
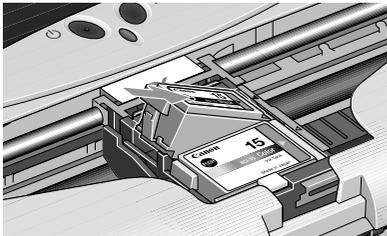
- (1) Unpack a new ink tank and remove the orange protective cap.



- Important**
- 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.

4 Insert the ink tank.

- (1) Insert a new ink tank with it slightly slanted.
- (2) Push down on the **PUSH** on the ink tank until it clicks into place.



5 Close the print head cover.

The print head holder moves to the right.

- 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 an ink tank runs out of ink, replace the ink tank with a new one immediately.
If printing is continued with no ink in the ink tank, a trouble may occur.

■ Resetting the Ink Counter

When an ink tank is replaced, the ink counter must be reset. The low ink warning is only displayed properly if the ink counter is reset.

Message Prompting Confirmation of Ink Tank Replacement

When printing is started after replacement of a black or color ink tank, a confirmation message is displayed to ask whether the ink tank has been replaced. After replacement of an ink tank, reset the ink counter following the procedure described below.

 **Note** Infrared transmission is performed in Windows XP or Windows 2000, the printer will not output the message asking for confirmation of ink tank replacement. This is why it is important to open the printer driver's Properties dialog box and manually reset the ink tank counter in the **Maintenance** tab whenever an ink tank is replaced.

1 Check the message, and click Yes or OK.

When using Windows:



When using Macintosh:



2 Select the replaced ink tank, and click OK.

The dialog box allows you to select the replaced ink tank.

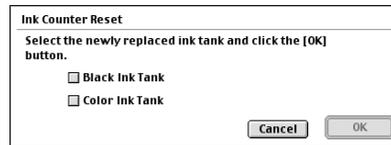
When both black and color ink tanks have been replaced, select both Black and Color.

If you have not replaced the ink tank with a new one, click **Cancel**.

When using Windows:



When using Macintosh:



Important Mistakenly clicking **No** or **Cancel**, instead, will prevent the Ink Low alert from functioning properly. If this happens, manually reset the ink counter according to the following procedure.

Resetting the Ink Counter in Printer Properties dialog box:

- When using Windows:
 1. Open the **Printer Properties** dialog box and click the **Maintenance** Tab.
 2. Click **Ink Counter Reset**.
 3. Select the newly installed ink tank, then click **OK**.
- When using Macintosh:
 1. Open the **Page Setup** dialog box.
 2. Click **Utilities** and select **Low Ink Warning Setting**.
 3. Click **Ink Counter Reset**.
 4. Select the newly installed ink tank, then click **OK**.

■ How Low Ink Warning Setting Works

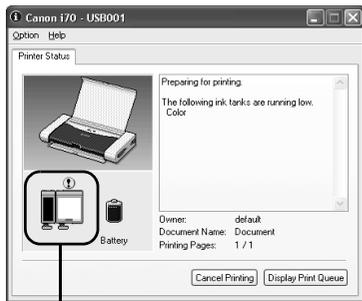
The low ink warning notifies you of low ink levels during printing. The Low Ink Warning has been preset to be automatically displayed.

When you reset the ink counter, it will assume the ink tank is full regardless of how much ink actually remains. The reset is the only way to match the counter value with an actual ink volume. Reset the ink counter when installing a new ink tank.

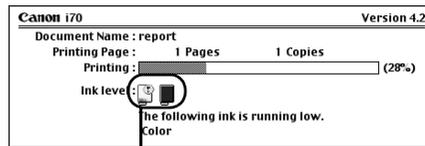
Low Ink Warning Display

The '!' shows a low ink level in the ink tank.

BJ Status Monitor (Windows)



BJ Status Dialog (Macintosh)



The color ink becomes low.

How to Display Low Ink Warning Correctly

- Reset the ink counter every time you install a new ink tank

The ink counter cannot work correctly unless you synchronize it with the actual ink level. The ink counter can only be adjusted when it is reset at the time a new ink tank is installed.

- Do not reset the ink counter of an ink tank in use.

Synchronization of the counter and the actual ink level will not work properly.

Important If you did not reset the counter when you installed the current ink tanks, the low ink warning may not function correctly, until the next time you replace the ink tanks. Also, ensure you treat both counters separately.
Refer to "**Low Ink Warning Accompanied by Ink Tank Icon With '?'**" on page 55.

Troubleshooting

Troubleshooting usually falls into one of the following categories. In this chapter you will find the most common printing problems. Refer to the User's Guide for additional information on topics not covered in this section.

- "Cannot Install the Printer Driver" on page 48
- "Print Quality is Poor or Contains Errors" on page 49
- "Troubleshooting Printer Hardware" on page 50
- "Paper Does Not Feed Properly" on page 51
- "Handling Error Messages" on page 52
- "An Error Message Appears on the Screen" on page 53
- **Windows** "Cannot Print Properly through Infrared Transmission" on page 56
- "Handling Error Messages While Using the Digital Camera" on page 58

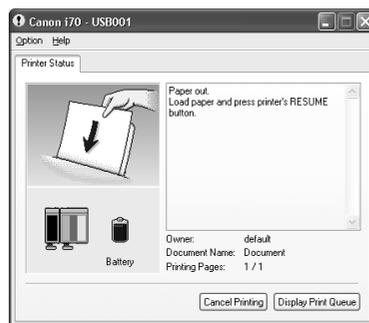
 **Note** If you encounter any problem during installation or operation of your printer, quickly scan all topics to find a solution. If the problem persists, contact the Customer Care Center at (757) 413-2448.

Windows

When Error Occurs

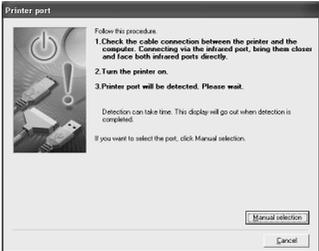
The BJ Status Monitor opens and displays a message. Take the appropriate action described in the message.

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.
- When using the infrared transmission feature in Windows XP or Windows 2000, the BJ Status Monitor is not displayed.

Cannot Install the Printer Driver

Problem	Possible Cause	Try This
Cannot Install the Printer Driver	Installation procedure not followed correctly	Follow the <i>Easy Setup Instructions</i> for proper printer driver installation. If the installer was forced to terminate due to an error, remove the CD-ROM from the CD-ROM drive and restart your computer. Reinstall the printer driver. If this problem persists, contact the Customer Care Center.
	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 <i>Easy Setup Instructions</i> for installing the printer driver.
	Installation does not start automatically when the CD-ROM is inserted into the drive	<p>Windows If printer driver installation did not start automatically when you inserted the CD-ROM into the CD-ROM drive:</p> <ol style="list-style-type: none"> 1. Click Start and select My Computer. 2. Double-click the CD-ROM icon. <p>For non-XP Windows, open the My Computer window, and then double-click the CD-ROM icon.</p> <p>Macintosh Double-click the CD-ROM icon on your desktop to start installation.</p>
	Installation CD-ROM not working properly	<p>Confirm that there are no problems with the Setup Software & User's Guide CD-ROM.</p> <p>Windows Use Windows Explorer to confirm that the CD-ROM can be read.</p> <p>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.</p>
Unable to proceed beyond the Printer Port Screen		<p>Windows</p>  <p>Reinstall the printer driver</p> <ul style="list-style-type: none"> • When connecting with a USB cable <ol style="list-style-type: none"> 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 off. 5. Restart the computer. 6. Carefully follow the procedures described in the <i>Easy Setup Instructions</i> and reinstall the driver. <ul style="list-style-type: none"> • When connecting through infrared transmission <ol style="list-style-type: none"> 1. Click Manual selection. 2. Select a port. <ul style="list-style-type: none"> - Windows XP/Windows 2000: [IR] - Windows Me/Windows 98/Windows 95: [LPT3] <p>A port name other than [LPT3:] may be displayed depending on the type of your computer.</p> 3. Click Next.

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 appears / Printed Ruled Lines are Displaced	Ink tank is not seated properly	Check that the ink tanks are firmly seated in the print head and reseal them if necessary.
	Print head nozzles clogged	Print the nozzle check pattern to check for uneven ink output. See " Printing the Nozzle Check Pattern " on page 33. 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 35.
	Media not loaded print-side up	Check that your paper is loaded with the correct print side facing up.  Note Follow the instructions packaged with your speciality 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, confirm that the Media Type selected matches the paper loaded.
	Incorrect Paper thickness lever position	Set the paper thickness lever according to the printing paper type. See " Loading Paper " on page 3
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.	
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. Open the Print dialog box. 2. In the Print Mode pull-down menu, select Manual and then click Details . 3. Click the Color icon, then 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 51.
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 3. Note that smudging may occur at the top and bottom edges of the paper when using Borderless Printing. Ensure that the paper you are using is compatible with Borderless Printing. See " Media Types Suitable for Borderless Printing " on page 13.

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	<p>Stop printing and turn the printer off for at least 15 minutes to allow the print head to cool down.</p> <p>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.</p> <p>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.</p>
	Printing high-resolution photographs and graphics	<p>Wait until the print job finishes.</p> <p>The POWER lamp flashes green while the print data is being processed. Printing photographs and high-density graphics can take time.</p>
	Printer cable is too long	<p>Avoid using USB cables longer than 16.4 feet.</p>
	There may be problems in your operating system	<p>Restart your computer. It may solve the problem.</p> <p>Delete an undesired print job if there is any. Use BJ Status Monitor in Windows or BJ Print Monitor in Macintosh for the deletion.</p> <p>Windows</p> <ol style="list-style-type: none"> 1. Open the Printer Properties dialog box. See "Opening the Printer Properties Dialog Box Directly from the Start Menu" on page 17. 2. Click Maintenance tab and then Start Status Monitor. 3. Click Display Print Queue. 4. Select Cancel All Documents in the Printer menu. Click Yes when a confirmation message appears. The print job is deleted. <p> Note In Windows Me, Windows 98 or Windows 95 Click to select an undesired document and select Purge Print Documents in the Printer menu.</p> <p>Macintosh</p> <ol style="list-style-type: none"> 1. Double-click BJ Print Monitor in the Extensions in the System Folder. 2. Click to select an undesired document and click . The print job is deleted.
	The infrared transmission distance or the infrared port angle is incorrect	<p>Place the printer at a distance of 80 cm from the computer or PDA. Ensure that the infrared ports are at a proper angle and there are no obstacles between them. Retry printing.</p> <p>The allowable distance and angle for infrared transmission depend on the functions of the computer or PDA in addition to environmental conditions. See "Printing Data through Infrared Transmission" on page 11.</p>
	The message "Cannot write to the XXX port" is displayed	<p>If the infrared port is not selected as the print port of the printer driver, the message "Cannot write to the xxx port" (xxx is the name of the printer port) is displayed and printing does not start. Select the IR port (LPT3 port in Windows Me/Windows 98/Windows 95) and retry printing. See "Printing Data through Infrared Transmission" on page 11.</p>

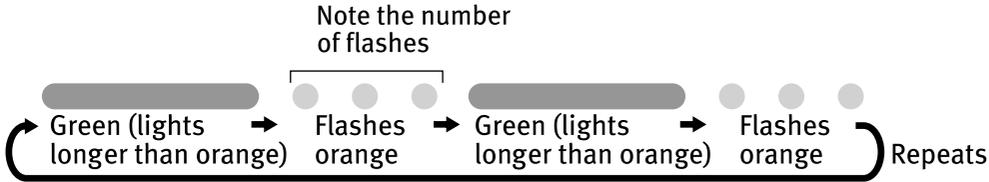
Cannot Print to End of Job	Incorrect page size selected	Verify that the page size setting matches the size of the paper loaded in the printer: <ul style="list-style-type: none"> - Check the Paper Size setting from within your application to ensure that it matches the size of the paper loaded. - Check 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.
	During infrared transmission, infrared rays were interrupted or another infrared transmission unit is operating nearby	If infrared transmission between the infrared ports of the printer and computer or PDA is interrupted by any obstacle for ten seconds or longer during printing, the paper on which data is being printed is ejected and the printer is reset. Remove the obstacle and retry printing. If another infrared transmission unit is operating nearby, printing can stop due to interference. When printing a document through infrared transmission, do not operate other infrared transmission units like a television remote control. See " Printing Data through Infrared Transmission " on page 11.

Paper Does Not Feed Properly

Problem	Possible Cause	Try This
Paper Does Not Feed Properly	Inappropriate paper type used	<ul style="list-style-type: none"> • Check to see if the paper you are printing on is too thick or curled. See "Print Media to Avoid" on page 3. • Check if the paper exceeds the load limit mark. If it exceeds, load less paper. See "Load the paper." 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. <ol style="list-style-type: none"> 1. Ensure 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 one more time. 3. Load a sheet of 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.
	Paper Jams	<ol style="list-style-type: none"> 1. Gently pull the jammed paper out of the sheet feeder slot or the paper output slot, whichever is easier. <ul style="list-style-type: none"> • If the paper tears and some of it is left in the printer, turn the printer off, then open the print head cover and remove the piece of paper. Do not touch internal parts in the printer. 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. Close the print head cover and reload the paper into the sheet feeder, then press the RESUME/CANCEL button on the printer.

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.



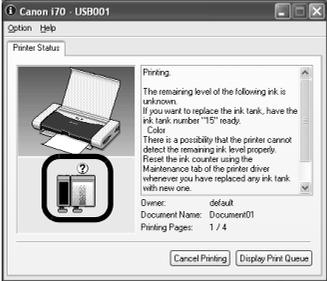
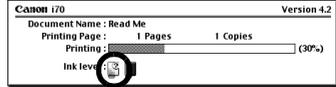
Number of Flashes	Possible Cause	Try This
Two flashes	Printer is out of paper	Reload paper and press the RESUME/CANCEL button.
Three flashes	Paper jam	If a paper jam occurs, clear the jammed paper, reload paper in the printer, then press the RESUME/CANCEL button. See "Paper Jams" on page 51.
Six flashes	Print head not installed	Install print head.
Seven flashes	Defective print head	Press the POWER button to turn off the printer, and press the POWER button again to turn on the printer. If the same error occurs, the print head may be defective. 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 flash 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	Ink tank is not installed	If a black or color ink tank is not installed, install it. If all ink tanks are installed, push the [PUSH] mark of each ink tank to see if it has snapped firmly into place.
Ten flashes	Low battery level	Follow the procedure below. 1. Turn off the printer. 2. Connect the supplied universal AC adapter or load a charged battery. 3. Turn on the printer. 📖 Note For details on handling of the battery, refer to the LK-51 User's Guide.
📖 Note	POWER lamp flashes alternately green and orange	An error that requires contacting the Customer Care Center may have occurred. Turn off and unplug the printer from the power supply. Then plug the printer back in and turn it back on. Should the problem persist, contact the Customer Care Center.

An Error Message Appears on the Screen

Problem	Possible Cause	Try This
 Windows Error Writing / Output to USBxxx	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 is not loaded	Load paper and press the RESUME/CANCEL button.
	Faulty connection	Ensure the printer cable is securely connected to the computer.  Note If you are using 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 port error	<ul style="list-style-type: none"> • When connected to the computer with a USB cable Verify the printer port status. Double-click Universal Serial Bus (USB) controllers on the Device Manager dialog box, then double-click Canon i70 to see the status. Refer to the User's Guide for instructions on how to verify the status. • When performing infrared transmission in Windows XP, Windows 2000 or Windows Me When the infrared port of the computer or PDA is moved close to the infrared port of the printer, the Infrared icon appears on the task bar. If "i70 is in range" is displayed when the cursor is placed on the Infrared icon, the printer is ready for printing. If the name of another unit is displayed, change its orientation or turn it off. • When performing infrared transmission in Windows 98 or Windows 95 Verify the printer port status. Double-click Ports (COM & LPT) on the Device Manager dialog box, then double-click Virtual Infrared LPT (Windows 98) or Infrared Printing (LPT) Port (Windows 95) to see the status. Refer to the User's Guide for instructions on how to verify the status.
Printer port settings and printer interface do not match	Select the destination port as follows: <ul style="list-style-type: none"> • When connected to the computer with a USB cable Confirm that the destination Printer Port is set to USB PRNnn (Canon i70) or USBnn (Canon i70) (Where nn represents a number) • When performing infrared transmission Open the Printer Properties dialog box directly from the Start menu. See "Opening the Printer Properties Dialog Box Directly from the Start Menu" on page 17 Ensure that the infrared port is selected as the destination port on the Details tab. <ul style="list-style-type: none"> • When using Windows XP or Windows 2000 The port [IR] is used as the infrared transmission port. • When using Windows Me, Windows 98 or Windows 95 The infrared port name is followed by the text "Infrared Printing (LPT) Port" which is enclosed in parentheses. Example: LPT3: (Infrared Printing (LPT) Port) * A port other than the LPT3 port may be selected depending on the computer setting. Follow the procedures described in the <i>Easy Setup Instructions</i> and reinstall the printer driver. Refer to the <i>User's Guide</i> for instructions on how to verify status and the correct action to take.	

Troubleshooting

Problem	Possible Cause	Try This
	Printer driver is not installed properly	Uninstall then reinstall the printer driver. <ol style="list-style-type: none"> 1. Click Start, and select All Programs (or Programs), Canon i70, and Uninstall. 2. Follow the on-screen instructions to uninstall driver. 3. Follow the procedures described in the <i>Easy Setup Instructions</i> and reinstall the printer driver.
Macintosh "Error No.: X202"	Not enough memory	Increase available memory by closing any other applications currently running.
Macintosh "Error No.: X203"	Printer driver fault	Uninstall, then reinstall printer driver. Refer to the <i>User's Guide</i> for instructions on how to uninstall the printer driver.
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 the printer is securely connected to the computer. Note If you are using 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 not selected in chooser	<ol style="list-style-type: none"> 1. From the Apple menu, select Chooser. 2. Click the i70 icon and ensure that the i70 is selected as the target connection. If not, select it. Note If the problem persists, delete all unnecessary documents from the Extensions and Control Panels folder.
A message asking whether the ink tank has been replaced appears	If the ink tank has been replaced with a new one	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid gray; padding: 5px; width: 45%;"> <p>Windows</p> <p>Canon i70 - USB001</p> <p>The ink tank has been removed since the last printing. Have you replaced an ink tank with a new one? If you have replaced it, click Yes. If you have not replaced it or you are not sure, click No.</p> <p style="text-align: center;">Yes No</p> </div> <div style="border: 1px solid gray; padding: 5px; width: 45%;"> <p>Macintosh</p> <p>One or more ink tanks may have been replaced. Have you replaced them with new ones?</p> <p>If you have replaced it, click [OK]. If you have not replaced it or you are not sure, click [Cancel].</p> <p style="text-align: center;">Cancel OK</p> </div> </div> <p>Click Yes or OK to reset the ink counter. See "Resetting the Ink Counter" on page 44.</p>
	The ink tank has been removed but a new ink tank has not been installed	Click Cancel on the dialog box described above. You can choose the option to disable the display of this confirmation message. Windows <ol style="list-style-type: none"> 1. Ensure the printer is on and open the Printer Properties dialog box. 2. On the Maintenance tab, click Low Ink Warning Setting. 3. Clear a check box of Display a confirmation message of Ink tank replacement and click Send. Macintosh <ol style="list-style-type: none"> 1. Ensure the printer is on and open the Page Setup dialog box. 2. Click Utilities to open the Printer Utility dialog box. 3. Select Remaining Ink level Setting from the pull-down menu and click Low Ink Warning Setting. 4. Clear a check box of Display a confirmation message of Ink tank replacement and click Send.

Problem	Possible Cause	Try This
<p>Low Ink Warning Accompanied by Ink Tank Icon With '?'</p>	<p>Failure to reset ink counter when installing new ink tank</p>	<p>The ink tank level accompanied by the ink tank icon with the “?” indicates ink tank is not synchronized with its ink counter.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="521 244 848 560"> <p>Windows</p>  </div> <div data-bbox="884 244 1220 366"> <p>Macintosh</p>  </div> </div> <p>Always be sure to reset the ink counter in your printer driver when you replace ink tank. See "Resetting the Ink Counter" on page 44.</p> <p> Note A“?” is displayed next to the Ink counter between the time one ink tank is removed and the ink counter is reset when the next one is installed. Display of the “?” can be disabled by unchecking the Display low Ink Warning check box.</p> <div style="display: flex;"> <div style="width: 50%;"> <p>Windows</p> <ol style="list-style-type: none"> 1. Ensure the printer is on and open the Printer Properties dialog box. 2. On the Maintenance tab, click Low Ink Warning Setting icon. 3. Clear a check box of Display low ink warning off and click Send. </div> <div style="width: 50%;"> <p>Macintosh</p> <ol style="list-style-type: none"> 1. Ensure the printer is on and open the Page Setup dialog box. 2. Click Utilities to open the Printer Utility dialog box. 3. Select Remaining ink level setting from the pull-down menu and click Low Ink Warning Setting. 4. Clear a check box of Display low ink warning off and click Send. </div> </div>



Cannot Print Properly through Infrared Transmission

Problem	Possible Cause	Try This
Cannot Print Properly through Infrared Transmission	The required driver is not installed	<ul style="list-style-type: none"> When using other than Windows 95, Windows 98 or later must have been preinstalled and Microsoft Infrared Communication Driver must be installed in the computer. When Windows 95 is used, Microsoft Infrared Communication Driver Version 2.0 must be installed in the computer. See " Printing Data through Infrared Transmission " on page 11.
	The infrared communication driver is inactive - Windows 98	Start the infrared monitor and check whether the infrared transmission driver is active. <ol style="list-style-type: none"> Click Start, Settings, and Control Panel. Double-click Infrared Monitor. Click the Options tab. Check the Enable infrared communication check box. <p> Note When the transmission speed is set to 4 Mbps, operation of the printer may become unstable depending on the type of your computer. In this case, check the Limit connection speed to: check box and click ▼ to select [115.2kbps].</p>
	The installation place, distance, and/or angle is improper	Check the installation place, distance, or angle according to the Section "Printing Data through Infrared Transmission."
	Your computer is not a PC/AT compatible machine or the infrared port used does not conform to IrDA 1.1	The infrared transmission function of this printer can be used only with the PC/AT compatible machine or the PDA that has an infrared port conforming to IrDA 1.1. Other computers and PDAs cannot be used for printing through infrared transmission.

Problem	Possible Cause	Try This
<p>Cannot Print Properly through Infrared Transmission (continued)</p>	<p>The selected printer port is wrong</p>	<p>Check the printer port setting.</p> <ol style="list-style-type: none"> 1. Open the printer driver Properties dialog box from the Start menu. 2. Click the Details tab to ensure that the infrared port is selected as the destination port. <ul style="list-style-type: none"> • When using Windows XP or Windows 2000 The port [IR] is used as the infrared transmission port. • When using Windows Me, Windows 98 or Windows 95 The infrared port name is followed by the text "Infrared Printing (LPT) Port" which is enclosed in parentheses. Example: LPT3: (Infrared Printing (LPT) Port) <p>* A port other than the LPT3 port may be selected depending on the computer setting.</p> <p> Note To check whether the printer is connected to the computer through infrared transmission, follow the procedure below.</p> <ul style="list-style-type: none"> • When using Windows XP, Windows 2000 or Windows Me <ol style="list-style-type: none"> 1. When the infrared port of the computer or PDA is moved close to the infrared port of the printer, the Wireless Link icon appears on the task bar. 2. Place the cursor on the Wireless Link icon. If "i70 is in range" is displayed, the printer is ready for printing. If the name of another unit is displayed, change its orientation or turn it off. • When using Windows 98 or Windows 95 Start the infrared monitor to check whether Infrared Communication Driver is active. <ol style="list-style-type: none"> 1. Click Start, then click Settings and Control Panel. 2. Double-click the Infrared icon. 3. Check whether "i70 is in range" is displayed on the Status tab. If the name of another unit is displayed, change its orientation or turn it off.

Handling Error Messages While Using 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 warning 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 print head cover is open.	Close the print head cover.
No printhead	No print head is installed. (The POWER lamp on the printer flashes six times.)	Install a print head according to the <i>Easy Setup Instructions</i> .
	The print head is defective. (The POWER lamp on the printer flashes seven times.)	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.
No Ink	An ink tank is not installed .	Install an ink tank. Be sure to press on the [PUSH] of the ink tank to ensure it is firmly seated.
Printer error	The battery level is low. (The POWER lamp on the printer flashes ten times.)	Follow the procedure below. 1. Turn off the printer. 2. Connect the supplied universal AC adapter or load a charged battery. 3. Turn on the printer.
	A printing error has occurred. (The POWER lamp on the printer flashes alternately orange and green.)	Turn the printer off and on again. If the error persists, contact the Customer Care Center.
Media type error	The paper selected is not compatible with this printer.	Cancel printing from the digital camera and select a compatible paper type in the Print Style menu.



Note

- 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, disconnect the cable, connect it again, and retry the operation.
- Images can be printed directly from Canon "Bubble Jet Direct" compatible digital cameras and digital video camcorders connected to this printer.
- A low ink warning is not displayed on the digital camera's viewer.
- After replacing an ink tank, cancel the connection with the digital camera and reset the ink counter by operating the computer.
See "**Resetting the Ink Counter**" on page 44
If the ink counter is not reset, the remaining ink level may not be displayed properly.
- If the connected digital camera or digital video camcorder does not support "Bubble Jet Direct", the **POWER** lamp on the printer stays lit in orange. If this happens, disconnect the connection cable and turn the printer off and on again.
- To disconnect the cable connected between the digital camera and 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.
- For more details, also refer to the user's manual for the digital camera or digital video camcorder.

Appendix

Installing the Printer Driver when using Mac OS 9.x

When using other than Mac OS X (Mac OS 8.6 or later), install the printer driver following the procedure below.

Screen shots may differ depending on the operating system used.

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

TURN THE PRINTER ON.

- 2** Open the Printer Driver folder on the CD-ROM, then double-click the Installer icon.

- 3** Read the License Agreement and click Accept, if you agree.

- 4** Click Install.

The printer driver will load automatically.

- 5** If the message “No other applications can be running...” displays, click Continue.

- 6** When the “Installation was successful” screen displays, click Restart.

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

- 8** When the “Installation has Finished” screen appears, click OK.

- 9** When prompted, restart your computer.

- 10** Select the Apple menu, then Chooser.

- 11** Click the i70 icon in the Chooser.

- 12** Close the Chooser.

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

- 13** To insure highest quality output, continue with Step 7 Align the Printhead on the *Easy Setup Instructions*.

User's Guide Table of Contents

Your printer's User's Guide offers detailed information on the following topics.

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Uninstalling the User's Guide

Printer Driver Functions (Windows)

Printer Driver Functions (Macintosh)

Options

The following options are available for this printer.
Confirm the product names when you purchase the options.

■ Canon Portable Kit LK-51

This option is a battery kit that consists of a battery charger and a lithium-ion battery. Use this kit together with the printer in locations where there is no power supply (during business trip, etc.).

■ Canon Li-ion Battery LB-51

This option is available as an additional lithium-ion battery for the portable kit LK-51.

■ Universal Adapter AD-370U

This option is available as an additional universal AC adapter. Using optional cables for various regions allows you to use the printer at various mains voltages without using voltage conversion adapters.

■ Canon Cradle Kit CK-51

This option is a kit that consists of a stand dedicated to this printer and a portable kit LK-51 (battery charger and lithium-ion battery). The lithium-ion battery can be charged with the printer placed upright.

Specifications

Printer

Printing resolution:	4800 X 1200 dpi. max. (Ink droplets can be placed in a pitch of 1/4800 inch at minimum.)
Print speed *	Black printing Draft: 13 ppm Standard: 11 ppm Color printing Draft: 9 ppm Standard: 4.9 ppm
*Print speed may vary with the content of the document and the processing speed of the host computer.	
Print width:	203.2 mm max. (8.0 in) (for Borderless Printing: 216 mm / 8.5 in)
Resident print control mode:	Canon extended mode
Receive buffer:	64 KB
Interface:	USB 2.0 Full Speed / IrDA Ver.1.1
Acoustic noise level:	Approx. 40 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 95°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. 1 W (100 / 120 V), Approx. 2W (240 V) Printing: Approx. 12 W (100 / 120 V), Approx. 13W (240 V)
Dimensions (with the paper rest and paper output tray retracted):	12.19 (W) X 6.84 (D) X 2.04 (H) in
Weight:	Approx. 1.8 kg (4 lb.)
Graphic image printing:	Data format: Canon extended mode: Raster image format Resolution: Canon extended mode: 300, 600, 1200, 2400 dpi
Print Head:	Black: 320 nozzles (600 dpi) Cyan, Magenta, Yellow: 128 nozzles per each color (600 dpi)
Ink Tanks:	Capacity (pages): Black (BCI-15 Black) approx. 185 ^{*1} , approx. 390 ^{*2} Color (BCI-15 Color) approx. 100 ^{*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

Camera Port
(Connect a Canon "Bubble Jet Direct" compatible digital camera or digital video camcorder using the USB cable supplied with it.)

Compatible digital cameras and digital video camcorders

Canon "Bubble Jet Direct" compatible digital cameras and digital video camcorders

Compatible Paper

Card #1 (Photo Paper Pro 4" x 6"), Card #2 (Photo Paper Plus Glossy 4" x 6"), Card #3 (Photo Paper Plus Glossy 5" x 7"), 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

Date Print

Supported

Print Quality

Standard / Index (DPOF only)

Trimming

Supported (The function depends on the camera connected)

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 on which Windows XP, Windows 2000, Windows Me, Windows 98, or Windows 95 can operate.
- USB interface or IrDA Ver.1.1
- Available hard-disk space for printer driver installation
Windows XP/Windows 2000: 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)

When using Windows 95, you can print through infrared transmission only.

Macintosh

(Macintosh 8.6-9.x)

- Use a Macintosh series computer equipped with USB interface on which Mac OS 8.6-9.x can operate.
- 30MB of available hard-disk space for printer driver installation (Macintosh OS X)
- Use a Macintosh series computer equipped with USB interface on which Mac OS X v10.1 or later can operate. (The Setup Software & User's Guide CD-ROM cannot be read in Mac OS X v10.0.x)
- 100MB of available hard-disk space for printer driver installation
- The following functions are not supported:
 - Borderless printing (will be supported with Mac OS X v10.2 or later version)
 - Shared printer in the network (will be supported as an OS function with Mac OS X v10.2 or later)
 - Duplex Printing
 - Photo Optimizer PRO
 - Printing on nonstandard size paper (will be supported with Mac OS X v10.2 or later)
- If you want to use an application, first install the application contained in the Mac OS X folder.

Additional Systems Requirements for User's Guide

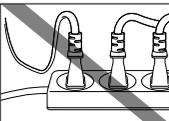
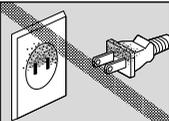
- Pentium®, 75 MHz equivalent or higher processor (Pentium®, 133MHz equivalent or higher processor recommended)
- 2x or higher CD-ROM drive (4x or higher recommended)
- 20 MB of available hard-disk space
- Microsoft Internet Explorer 5.0 or later

▲ 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 This product emits low level magnetic flux.
If you use a cardiac pace maker and feel abnormalities, please be away from this product and consult your doctor.

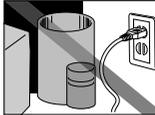
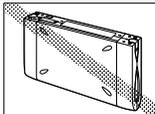
Warning You may cause an electric shock/fire or damage the printer if you ignore any of these safety precautions.

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 or universal AC adapter.	
	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.	
	Do not use the universal AC adapter that came with the printer. Do not use it for other products.	
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.	

Appendix

Working around the printer	<p>Do not use flammable sprays near the printer.</p> <p>This could cause a fire or electric shock if the spray comes into contact with electrical components inside the printer.</p>
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Caution You may cause injury or damage the printer if you ignore any of these safety precautions.

Choosing a location	<p>Do not install the printer in a location that is unstable or subject to excessive vibration.</p> <p>Do not install the printer in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.</p> <p>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).</p> <p>Do not place the printer on a thick rug or carpet.</p>
Power supply	<p>Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.</p>  <p>Never remove the plug by pulling on the cord.</p>  <p>Do not use an extension lead/ cord.</p>  <p>Never use a power supply source other than the one rated for the printer in the country where you purchased the printer.</p> <p style="text-align: center;"> AC 100-127 V, 50/60 Hz AC 220-240 V, 50/60 Hz </p>
Working around the printer	<p>Never put your hands or fingers in the printer while it is printing.</p> <p>Do not carry or store the printer with the round side down. A failure can result.</p>  <p>Do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the printer.</p> <p>If any foreign object (metal or liquid) fall into the printer, unplug the power cord and call for service.</p>
Print heads and ink tanks	<p>For safety reasons store print heads and ink tanks out of the reach of small children.</p> <p>If a child ingests any ink, consult a doctor immediately.</p> <p>Do not shake print heads or ink tanks.</p> <p>Ink may leak out and stain clothing or the surrounding area.</p>
Universal AC Adapter	<p>When you pack the universal AC adapter for travel or storage, never wrap the cord around the body of AC adapter to prevent the cord from splitting or separating from the body of the AC adapter and causing a short circuit.</p>

Regulatory Information

Color Printer Model: K10222 (i70)

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.

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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 électriques 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 LIMITED WARRANTY --- (USA Only)

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

The Product is warranted against defects in materials and workmanship under normal use and service (a) for a period of one (1) year from the date of original purchase when delivered to you in new condition in its original container or (b) for 90 days from the date of original purchase for refurbished Products. Defective parts or a defective Product returned to a Canon USA repair facility or a Canon USA Authorized Service Facility ("ASF"), and proven to be defective upon inspection, will be repaired, exchanged for new or comparable rebuilt parts, or exchanged for a refurbished Product, as determined by the Canon USA repair Facility or the ASF. Warranty repair or replacement shall not extend the original warranty period of the Product. A dated proof of purchase is required at the time of warranty service. A copy of your dated bill of sale will satisfy this requirement. This warranty does not cover any accessories, or any consumables, such as paper or ink cartridges, as to which there shall be no warranty or replacement.

This limited warranty shall only apply if the Product is used in conjunction with compatible computers, peripheral equipment and software. Canon shall have no responsibility for such items except for compatible Canon brand peripheral equipment covered by a separate warranty ("Separate Warranty"). Repairs of such Canon brand peripheral equipment shall be governed by the terms of the Separate Warranty. **Non-Canon brand equipment and software that may be distributed with the Product are sold "as is" and without warranty of any kind by Canon USA, including any implied warranty regarding merchantability or fitness for a particular purpose, and all such warranties are disclaimed. The sole warranty, if any, with respect to such non-Canon brand items is given by the manufacturer or producer thereof.**

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

- (a) Loss of or damage to the Product due to abuse, neglect, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, improper use, failure to follow operating or maintenance instructions, or environmental conditions, prescribed in Canon USA's user's manual or other documentation, or services performed by someone other than a Canon USA repair facility or ASF. Without limiting the foregoing, dropping the Product, scratches, and abrasions will be presumed to have resulted from misuse, abuse or failure to operate the Product as set forth in the user's manual or other documentation for the Product.
- (b) Use of parts or supplies (other than those sold by Canon USA) that cause damage to the Product or cause abnormally frequent service calls or service problems.
- (c) If the Product has had its serial number or dating defaced, altered or removed.

ANY SYSTEM SOFTWARE (WHETHER FACTORY LOADED ON THE PRODUCT OR CONTAINED ON THE SOFTWARE DISKETTES OR CD-ROM'S ENCLOSED WITH, OR ACCOMPANYING, THE PRODUCT), AND ANY UTILITY SOFTWARE, DISTRIBUTED WITH OR FOR THE PRODUCT, IS SOLD "AS IS" AND WITHOUT WARRANTY BY CANON. 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.

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

Canon 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”)

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

International Warranty Service (outside the U.S.A.)

Warranty Service may be provided by participating Canon Affiliates at certain locations outside the United States. (A list of participating Canon Affiliates is included with the Product). A Product covered by this limited warranty will be repaired or exchanged in accordance with the warranty procedures of the participating Canon Affiliate. Such procedures may be different than those set forth in this limited warranty. A dated proof of purchase must be furnished to the participating Canon Affiliate to confirm eligibility and obtain warranty service.

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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