

BUBBLE JET PRINTER

*i*9900/*i*9950

Quick Start Guide

Table of Contents

Preface	1
Shipping Materials	1
Introduction	1
Setting Up	2
Preparing the Printer	2
Connecting the Printer to the Computer	2
Installing the Print Head	4
Loading Paper	7
Installing the Printer Driver	8
Aligning the Print Head	12
Basic Operations	16
Printing with Windows	16
Printing with Macintosh	18
Print Head Maintenance	20
Appendix	21
Printing Photographs Directly from a Digital Camera	21
Notes on Handling the USB Interface (for Windows Users)	26
For Further Details...	26

Exif Print

This printer supports Exif Print.

Exif Print is a standard for enhancing the communication between digital cameras and printers.

By connecting to an Exif Print-compliant digital camera, the camera's image data at the time of shooting is used and optimized, yielding extremely high quality prints.

Canadian Radio Interference Regulations

This digital apparatus does not exceed the 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 radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur NMB-003 d'Industrie Canada intitulée « Appareils numériques ».

International ENERGY STAR® Program

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



The International ENERGY STAR® Office Equipment Program is a global program that promotes energy saving through the use of computer and other office equipment.

The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business can participate voluntarily. The targeted products are office equipment such as computers, monitors, printers, faxes and copiers.

Their standards and logos are uniform among participating nations.

Power Requirements

Never use a power supply voltage other than that supplied in the country of purchase. Using the incorrect voltage could cause a fire or electric shock. The correct power supply voltages and frequencies are as follows:

AC 100-127V, 50-60Hz

AC 220-240V, 50-60Hz

Preface

Shipping Materials

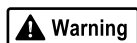
Thank you for purchasing a Canon Bubble Jet Printer. Check that all the following items are in the box. If anything is missing or is damaged, contact your Canon Authorized Dealer or Sales Representative.

- Printer
- Setup Software & User's Guide CD-ROM
- Quick Start Guide
- Print Head
- 8 Ink Tanks

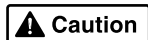
* A USB cable or an FireWire cable should be purchased separately according to your computer. For details on cable specifications, refer to page 2.

Introduction

This Quick Start Guide uses the following symbols to indicate important information. Always observe the instructions indicated by these symbols.



Instructions that, if ignored, could result in death or serious personal injury caused by incorrect operation of the equipment. These must be observed for safe operation.



Instructions that, if ignored, could result in personal injury or material damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Also read the Safety Precautions in the *User's Guide*. Observe the warnings and cautions to avoid personal injury or damage to the printer.

The computer screens and diagrams in this manual refer to the i9950. The operations are exactly the same with the i9900.

Trademark Notices

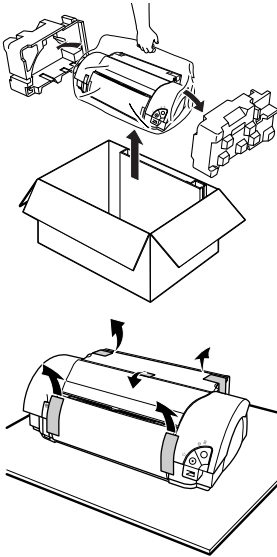
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- BJ™ is a trademark of Canon Inc.
- Microsoft® and Windows® are registered trademarks of Microsoft Corporation in the U.S. and other countries.
- Apple, Mac, Macintosh, FireWire, and Safari are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
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Setting Up

1 Preparing the Printer



- 1 Take the printer out of the box as shown.

Hold the box firmly when taking out the printer.

- 2 Place the printer on a flat surface.
- 3 Remove the packing material and tape from the printer as shown.

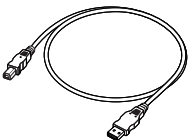
The tape position is subject to change.

2 Connecting the Printer to the Computer

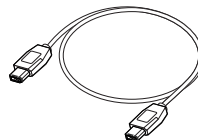
Use a USB cable or a FireWire cable. This printer has two types of USB ports and a FireWire 400 port.

- USB 2.0 Hi-Speed port (the upper USB port)
Connect to this port only when using the following systems:
 - Computer on which Windows XP or Windows 2000 is running and that has a USB 2.0 Hi-Speed port.
 - Macintosh series computer on which Mac OS X v.10.2.7 or later is running and that has an internal USB 2.0 Hi-Speed port.Ensure that USB cables also support USB 2.0 Hi-Speed.
To determine whether your computer supports USB 2.0 Hi-Speed, refer to its manual or contact its manufacturer.
- USB 2.0 Full Speed port (the lower USB port)
Connect to this port when your computer or your cables do not support USB 2.0 Hi-Speed or when it is not clear whether they support it.
- FireWire 400 port
Connect to this port only when your computer has a FireWire 400 port and is running Mac OS 9.0.4 to 9.x, or Mac OS X v.10.2.1 or later.

USB cable



FireWire cable



Recommended

USB 2.0 Hi-Speed: Certified USB Hi-Speed cable, up to 3 meters in length.

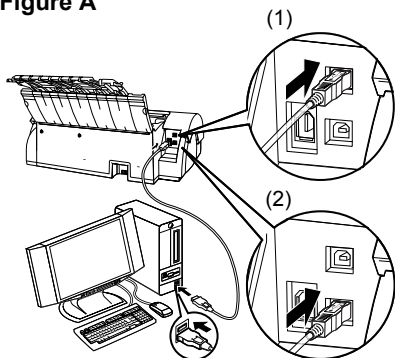
USB 2.0 Full Speed: Canon or other computer manufacturer cable, up to 5 meters in length.

FireWire 400: Certified FireWire cable, up to 3 meters in length.

Notes

- Correct operation of USB Hi-Speed 2.0 is not guaranteed under Windows Me, Windows 98, Mac OS 8.6-9.x or Mac OS X v.10.0-10.2.6.
- Windows only: Use the USB 2.0 driver supplied by Microsoft.
The driver is available when updating Windows or applying a Windows Service Pack.
Correct operation is not guaranteed with non-Microsoft USB 2.0 drivers.
- Correct operation of IEEE1394 (FireWire) is not guaranteed under Windows.
- If you do not intend to use the printer for a long period of time, unplug the power cord from the power outlet after turning off the printer.
- If your computer has an earth connection, make sure that this is attached.

Figure A

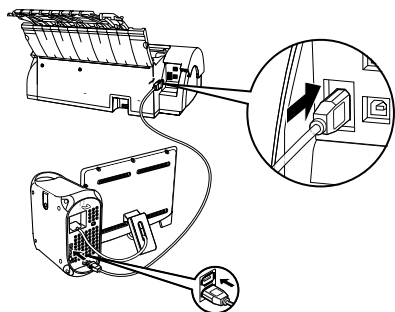


Follow the steps below to install the printer driver correctly.

- 1 Ensure the printer and the computer are switched off.
- 2 Connect the cable.

Figure A shows the USB 2.0 Hi-Speed cable connection (1) and the USB 2.0 Full Speed cable connection (2).
Figure B shows FireWire cable connection.

Figure B



Note

If the Add New Hardware Wizard or Found New Hardware Wizard screen appears when carrying out the following operations, click **Cancel** and turn off the computer.

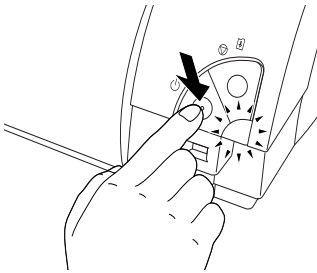


3 Installing the Print Head

Warning

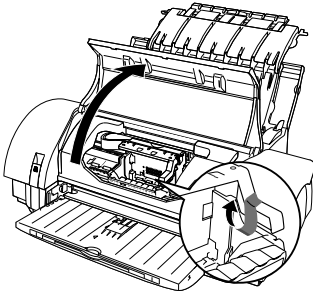
- Never attempt to plug the power cord into the power outlet or unplug the power cord when your hands are wet.
- Never damage, modify, stretch, or excessively bend or twist the power cord. Do not place heavy objects on the power cord.
- Never use any power supply other than the standard power supply available in the country of purchase. Using the incorrect voltage and frequency could cause a fire or electric shock.
- Always push the plug all the way into the power outlet.

■ Installing the Print Head



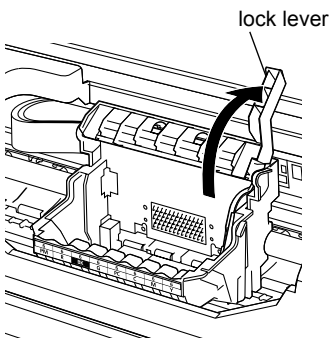
- 1** Plug the printer in.
- 2** Turn on the printer. Do NOT turn on the computer yet.

The POWER lamp flashes and the printer begins to operate. Wait until the POWER lamp remains fully lit.



- 3** Open the paper output tray and the front cover.

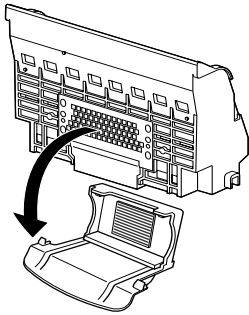
- 4** Remove the tape.



- 5** Raise the lock lever.

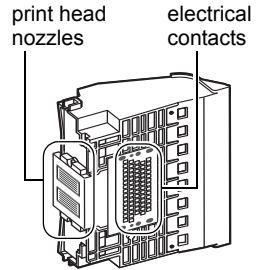
Do not touch internal parts other than the lock lever.

6 Remove the protective cap from the print head.

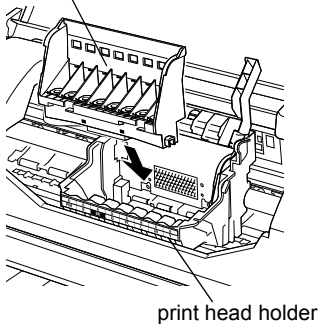


→ Notes

- Do not touch the print head nozzles or electrical contacts.
- Do not attempt to reattach the protective cap once it has been removed.



print head

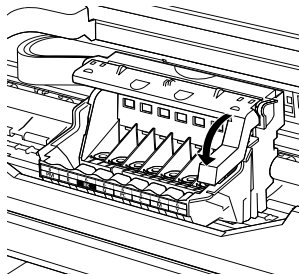


print head holder

7 Place the print head in the holder.

→ Note

Be careful not to touch any parts inside the printer.



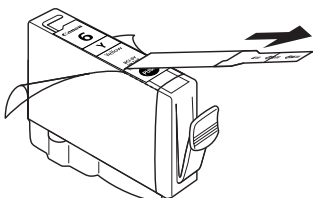
8 Lock the print head into place by lowering the lever.

Do not touch the lock lever once the print head has been installed.

■ Installing the Ink Tanks

⚠ Caution

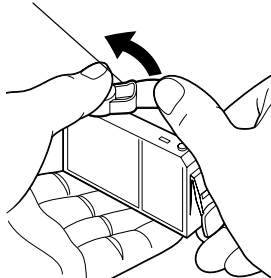
- For safety reasons, store ink tanks out of the reach of small children.
- Do not drop or shake ink tanks as this may cause the ink to leak out and stain your clothes and hands.
- Be sure to remove the clear film from the ink tank in the exact order as shown in step 2.



1 Take out the yellow ink tank.

2 Pull the orange tape in the direction of the arrow and remove the clear film.

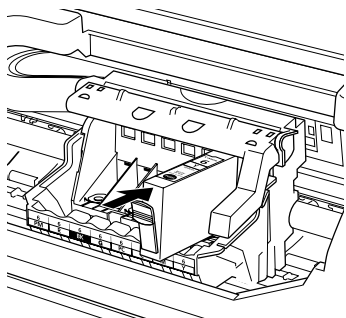
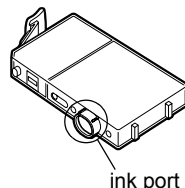
protective cap



3 Hold the ink tank as shown in the diagram and remove the protective cap.

→ **Notes**

- Do not squeeze the sides of the ink tanks as this may cause the ink to leak out and stain your clothes and hands.
- Do not touch the ink port.
- Do not attempt to reattach the protective cap once it has been removed.



4 Insert the yellow ink tank into the right-hand slot. Press the top until it clicks into place.

5 Use the same procedure to install the other ink tanks in their appropriate slots.

Check the labels to make sure that each tank is in the correct position.

→ **Notes**

- Only install the ink tanks in the positions specified by the labels.
- If ink tanks are not installed in the right position, colors will not be printed correctly. Immediately reinstall the tank in the correct position and carry out print head cleaning. For details, refer to the *User's Guide*.

6 Close the front cover.

Wait until the POWER lamp remains fully lit (about 60 seconds).

Photo Magenta (BCI-6PM) Red (BCI-6R) Black (BCI-6BK) Green (BCI-6G)

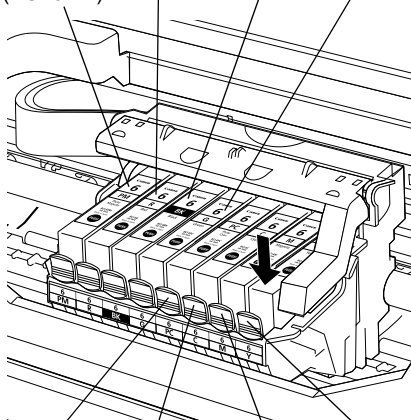
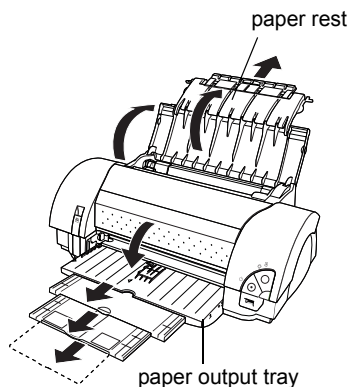


Photo Cyan (BCI-6PC) Cyan (BCI-6C) Magenta (BCI-6M) Yellow (BCI-6Y)

4 Loading Paper

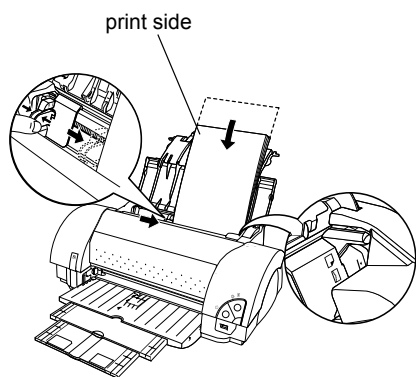
■ Loading A4 (Letter) Size Plain Paper



- 1** Pull out the paper rest and the paper output tray as shown.

↳ **Note**

Open the paper rest extension when printing on paper larger than A4. When printing on paper larger than B4, pull the output tray extension out three steps.



- 2** Load the paper, aligning it with the right side of the sheet feeder.

You can load up to 150 sheets of plain paper (64 gsm). Do not exceed this limit.

- 3** Pinch the paper guide and slide it against the side of the stack of paper.

You now need to install the printer driver:

Windows: Go to page 8

Mac OS X: Go to page 10

5 Installing the Printer Driver

■ Installing the Printer Driver – Windows

↳ Notes

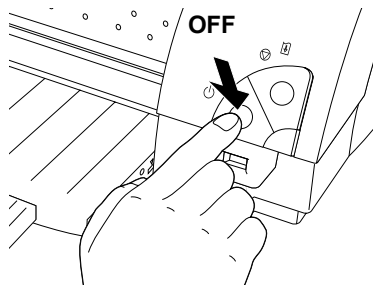
- Do not disconnect the cable or remove the CD-ROM during the installation. The driver cannot be correctly installed.
- The screens below refer to Windows XP installation. Screen may differ depending on the operating system you are using.
- When installing the printer driver in Windows XP, Windows 2000, log on to the system as a member of the **Administrators** group.

If the following screen appears automatically, click **Cancel** and follow steps 1 to 7 to install the printer driver.



Special Notes for Windows Me or Windows 98 USB Users

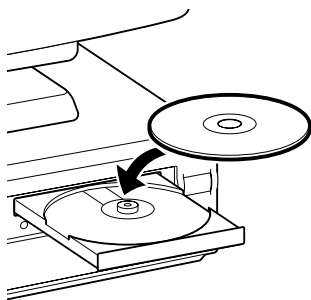
Click **Cancel** to quit the screen and turn off the printer. Next, remove and replace the USB cable connected to your computer.



1 Ensure the printer and computer are switched off.

2 Turn on the computer and start Windows. If any applications automatically run, quit them.

Disable any virus detection programs.
Do NOT turn the printer on at this stage.

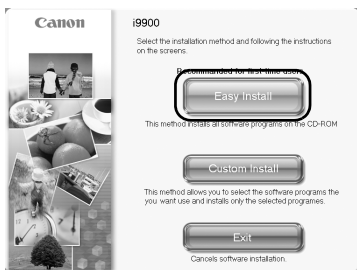


- Place the Setup Software & User's Guide CD-ROM in the CD-ROM drive.

Notes

- If the CD-ROM does not run automatically, click **Start** and select **My Computer**, then double-click the CD-ROM icon. For non-XP Windows, double-click **My Computer** in the Windows screen, then double-click the CD-ROM icon.
- If the language selection screen appears, select a language, then click **Next**.
- If the place selection message appears, select your place of residence, then click **Next**.

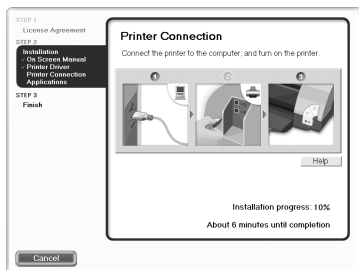
- Follow the instructions displayed on screen. When the screen shown on the left is displayed, click **Easy Install**.



Note

When you select **Easy Install**, all the items included in the CD-ROM are installed automatically. To select particular items to install, click **Custom Install** and follow the instruction on the screen.

- When the list of applications to install appears, verify the contents, click **Install**, then follow the instructions on the screen.

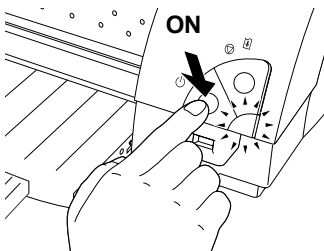


- When the screen shown on the left appears, turn the printer on.

If the printer is recognized, the printer driver will be automatically installed.

Note

If the connection is not recognized, refer to the section "Notes on Handling the USB Interface (for Windows Users)" on page 26.





7 Click **OK**.

Some screens appear after clicking **OK**. Read the content shown on the screens and click **Next**.

Before you use the printer, you must carry out print head alignment on page 12.



8 When the screen shown on the left appears, click **Exit**.

You can restart the system by clicking **Restart**, which will appear when you check the check box.

➔ **Note**

To view the *User's Guide*, double-click the **User's Guide** short-cut icon on the desktop.

■ Installing the Printer Driver – Macintosh

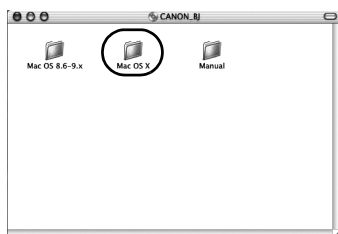
➔ **Notes**

- Do not remove or insert the printer cable during installation, as this may result in the computer or printer not operating normally.
- Before installing the driver, disable all virus detection programs and automatically loading programs or remove them from your system folder.
- For Mac OS 8.6-9.x users, refer to the *Printer Driver Guide for Mac OS 9* for instructions on how to install the printer driver. To view the *Printer Driver Guide for Mac OS 9*, double-click the **Manual** folder and **Additional Guide for OS 9 Users** folder and select a language folder.

1 Turn on the Mac.

2 Place the Setup Software & User's Guide CD-ROM in the CD-ROM drive.

3 Double-click the **Mac OS X** folder, then double-click the **Printer Driver** folder.






4 Double-click **i9950 250.pkg**.

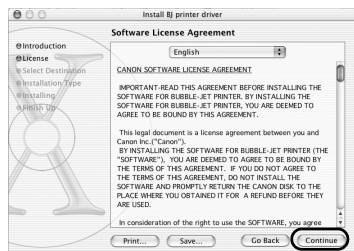
5 Enter an administrator name and a password, then click **OK**.

Note

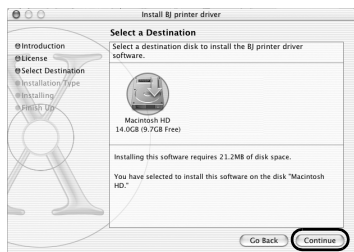
When you have forgotten the administrator name and/or password, click  and follow the instructions in **Mac Help**.

6 Click **Continue**.

7 Read the License Agreement and click **Continue**, then click **Agree**.



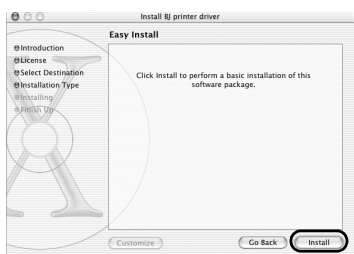
8 Select a destination to where you want to install the printer driver, and click **Continue**.



9 Click **Install**.

10 A message asking for your confirmation to restart your computer appears on the screen. Read the message, then click **Continue Installation**.

Software installation will start.



11 Software installation is complete. Restart your computer.

Before you use the printer, you must carry out print head alignment on page 14.



6 Aligning the Print Head

This operation must be carried out when using the printer for the first time. Aligning the print head positions allows you to print without shifts in the color registration.

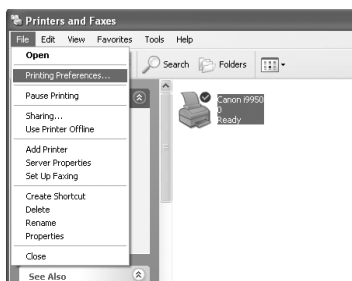
■ Aligning the Print Head – Windows

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

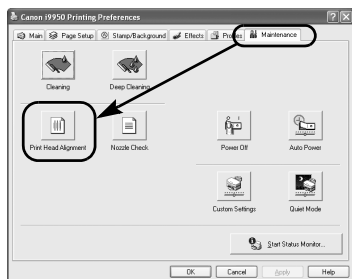
↳ **Note**

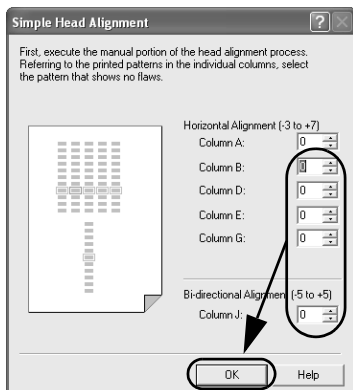
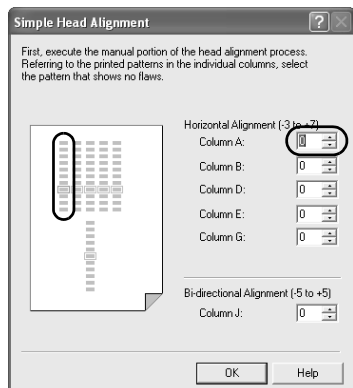
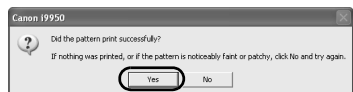
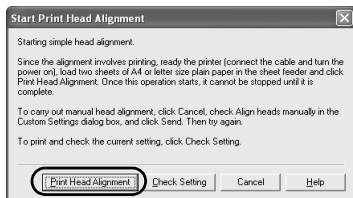
For non-XP Windows, click **Start**, then select **Settings, Printers**.

- 2 Click the icon for your printer.
- 3 Open the **File** menu and select:
 - Windows XP/Windows 2000 → **Printing Preferences...**
 - Windows Me/Windows 98 → **Properties**to open the setting screen.



- 4 Click the **Maintenance** tab, and click **Print Head Alignment**.





- 5** Check that A4 or Letter-sized paper is loaded in the printer and click **Print Head Alignment**. If a message warning you not to perform other operations appears, click **OK**.

It takes about 60 seconds to start printing.

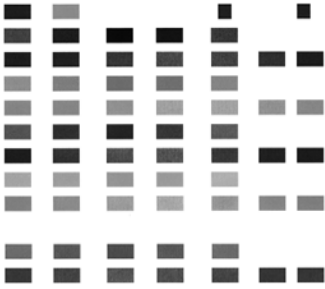
- 6** After the pattern is printed, click **Yes**.

If the pattern is not printed successfully, open the front cover and ensure that the ink tanks are correctly installed.

- 7** Look at the print-out. From the patterns in **Column A**, select the most even, least irregular pattern and enter the number.

- 8** In the same way, one by one, select the most even patterns printed with the least irregularities from each of **Columns B, D, E, G and J**, enter their numbers, and click **OK**.

- 9** Check that A4 or Letter-sized paper is loaded in the printer and click **OK**. If a message warning you not to perform other operations appears, click **OK**.



- 10** The pattern is printed, and the rest of the print head is aligned automatically. The printer is now ready to use.

If the printer is not printed successfully, open the front cover and ensure that the ink tanks are correctly installed.

↳ **Note**

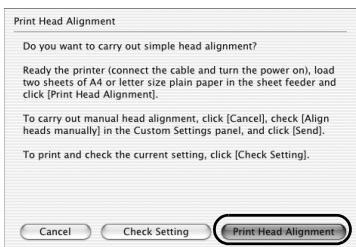
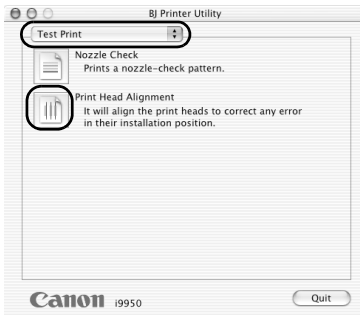
If the pattern is not printed as shown on the left, refer to Troubleshooting of the *User's Guide*.

■ Aligning the Print Head – Macintosh

↳ **Note**

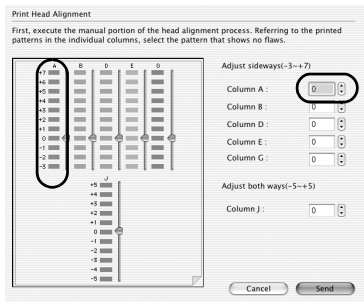
For Mac OS 8.6-9.x users, refer to the *Printer Driver Guide for Mac OS 9* for instructions on how to align the print head.

- 1** Double-click the hard disk icon where the printer driver was installed, the **Applications** folder, and then the **Utilities** folder.
 - 2** Double-click the **Print Center** icon.
 - 3** Select your printer from the **Name** list and click **Configure**.
 - 4** Select your printer from the **Product** list and click **Maintenance**.
- BJ Printer Utility** appears.
- 5** Select **Test Print** from the pop-up menu, and click **Print Head Alignment**.

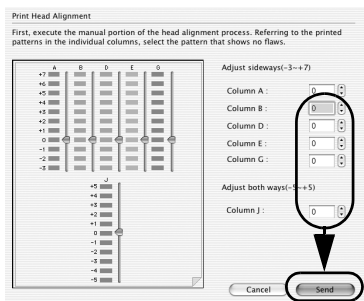


- 6** Check that A4 or Letter-sized paper is loaded in the printer and click **Print Head Alignment**.

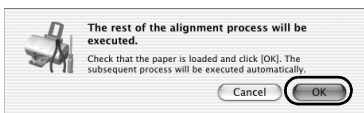
It takes about 60 seconds to start printing.



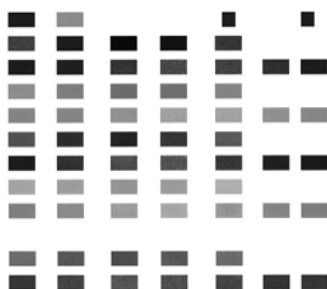
7 Look at the print-out. From the patterns in **Column A**, select the most even, least irregular pattern and enter the number.



8 In the same way, one by one, select the most even patterns printed with the least irregularities from each of **Columns B, D, E, G and J**, enter their numbers, and click **Send**.



9 Check that A4 or Letter-sized paper is loaded in the printer and click **OK**.



10 The pattern is printed, and the rest of the print head is aligned automatically. The printer is now ready to use.

If the pattern is not printed successfully, open the front cover and ensure that the ink tanks are correctly installed.

Note

If the pattern is not printed as shown on the left, refer to Troubleshooting of the *User's Guide*.

Basic Operations

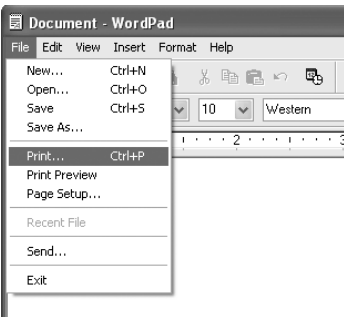
⚠ Caution

- If you detect smoke, unusual smells or strange noises around the printer, immediately switch the printer off and always unplug the printer. Contact your local Canon service representative.
- To avoid injury, never put your hand or fingers inside the printer while it is printing.

Printing with Windows

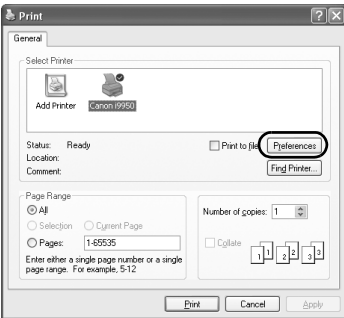
Adjusting the print settings according to your needs allows you to produce better quality prints. In this section, we will use WordPad for the purpose of explanation. The procedures you use and the screens that appear on your computer may differ according to the application that you use.

■ Printing



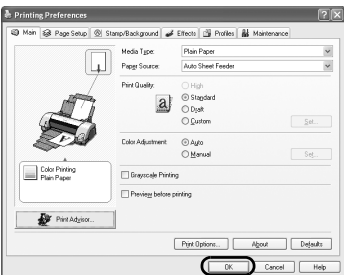
1 Open the **Print** screen in your application to print document.

On the **File** menu, click **Print**.
Check the application's users manual for the actual procedures.



2 Ensure your printer is selected, then click:

- Windows XP → **Preferences**
- Windows Me/Windows 98 → **Properties**
- Windows 2000 → **Main** tab



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

➔ Note

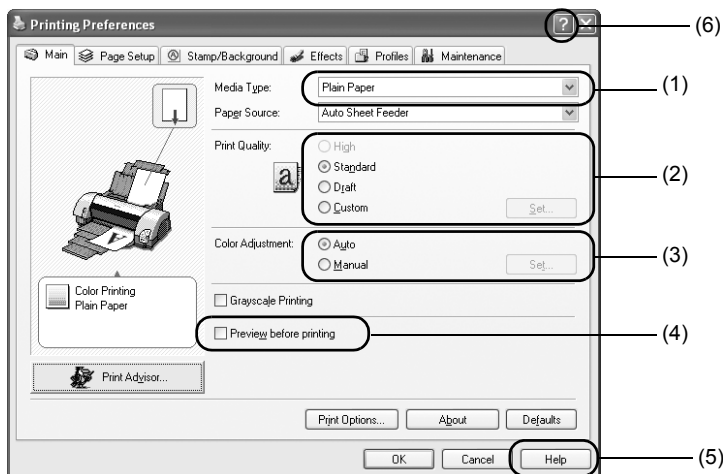
If you use anything other than plain paper, please refer to “Basic Printing Settings” on page 17.

4 To start printing, click **OK**.

Printing will start in a few moments.

■ Basic Printing Settings

For the best print quality, specify the minimum requirement settings in the **Main** tab. To get the best results, ensure you select the type of media loaded in the printer when printing on paper other than plain paper.



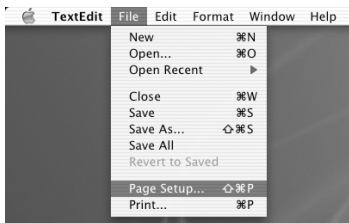
(1) Media Type	Select the type of media loaded in the printer.
(2) Print Quality	Select one option from High , Standard and Draft . Select Custom to set the print quality manually.
(3) Color Adjustment	If you wish to control the color adjustment settings in more detail, select Manual .
(4) Preview before printing	Select this to check the layout before printing.
(5) Help	Click this for a more detailed explanation of the functions in the tab. (This may not appear when using Windows XP or Windows 2000. If this happens, click Start then select All Programs (or Programs) - Canon i9950 (or Canon i9900) - Guide).
(6) ?	Click this to change the cursor shape to ?. By clicking on the item's name with this ? cursor, an explanation will be displayed.

→ Notes

- Clicking the **Print Advisor** allows you to change to the most appropriate print settings simply by answering questions when prompted.
- Use the application to set the paper size and paper orientation. Before printing, open the settings screen and check that the **Page Size** in the **Page Setup** tab is the same as that specified within the application.
- The print settings are automatically changed according to the type of paper loaded in the printer if **Plain Paper** has been selected in **Media Type**.
This function may not work properly for some media.
To ensure high printing quality, you are recommended to select the desired type of paper in **Media Type** first.
- Refer to the *User's Guide* for more information about printer driver functionality.

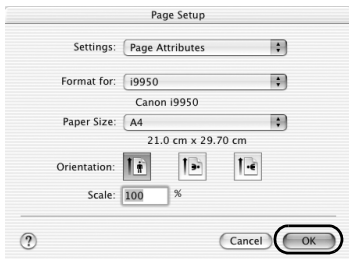
Adjusting the print settings according to your needs allows you to produce better quality prints.

■ Printing



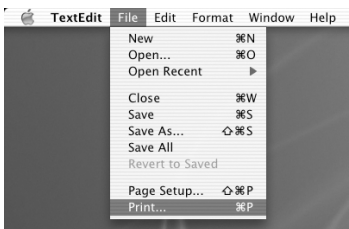
- 1 Open the **Page Setup** dialog box in your application.

On the **File** menu, click **Page Setup**. Check the application's users manual for the actual procedures.



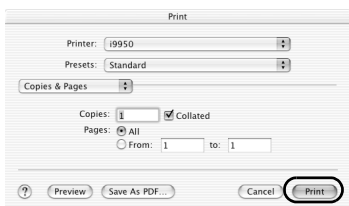
- 2 Specify the page setup, then click **OK**.

For details, refer to “Page Setup” on page 19.



- 3 Open the **Print** dialog box in your application to print the document.

On the **File** menu, click **Print**. Check the application's users manual for the actual procedures.



- 4 Specify the printing settings according to your requirements.

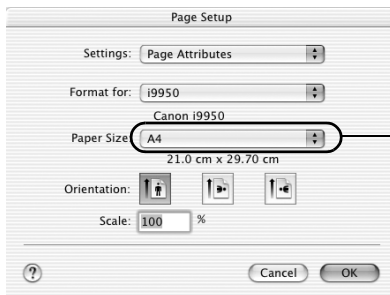
For details, refer to “Basic Printing Settings” on page 19.

- 5 Click **Print**.

Printing will start in a few moments.

■ Page Setup

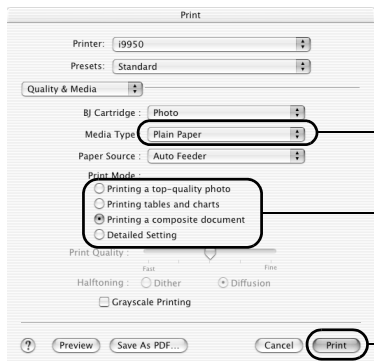
Use the **Page Setup** dialog box to specify the paper size settings.



Select paper size you wish to use.

■ Basic Printing Settings

For the best print quality, specify the minimum requirement settings in the **Print** dialog box. Select **Quality & Media** from the pop-up menu to change the display of the dialog box. To get the best results, ensure you select the type of media loaded in the printer when printing on paper other than plain paper.



(1)

(2)

(3)

(1) Media Type	Select the type of media loaded in the printer.
(2) Print Mode	Select the type of document you want to print. To specify more detailed settings for the print quality, click Detailed Setting .
(3) Print	Click this to start printing.

➔ Notes

- See Help for more information about other printer driver functions.
Click **?** in the **Page Setup** dialog box or the **Print** dialog box.
- The print settings are automatically changed according to the type of paper loaded in the printer if **Plain Paper** has been selected in **Media Type**.
This function may not work properly for some media.
To ensure high printing quality, you are recommended to select the desired type of paper in **Media Type** first.
- Refer to the *User's Guide* for more information about printer driver functionality.

Print Head Maintenance

■ If Blurring Occurs or If a Specific Color Does Not Print

Perform print head cleaning to improve the print quality. Ensure that the printer is turned on and follow the instructions below.

- Windows
Open the printer driver settings screen and click the **Maintenance** tab. Click **Cleaning**. See page 12 for details on how to open the setting screen.
- Macintosh
Open the **BJ Printer Utility** dialog box and click **Utilities**. Click **Cleaning**. See page 14 for details on how to open the **BJ Printer Utility** dialog box.

■ When the Printer Runs out of Ink

Replace the empty ink tank with a new one.
Specify the following ink tanks when purchasing.

Photo Magenta :
BCI-6PM



Red :
BCI-6R



Black :
BCI-6BK



Green :
BCI-6G



Photo Cyan :
BCI-6PC



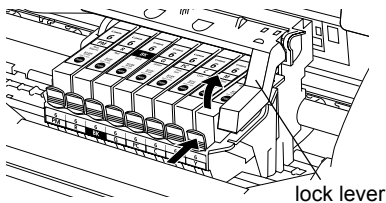
Cyan :
BCI-6C



Magenta :
BCI-6M

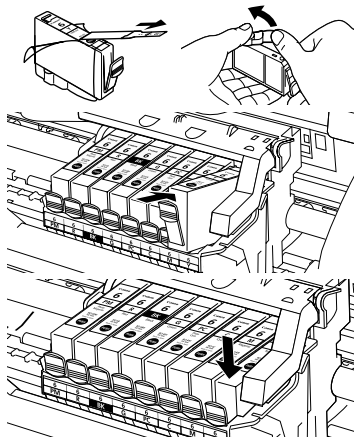


Yellow :
BCI-6Y



- 1 Open the front cover and remove the empty ink tank.

Do not touch the lock lever.



- 2 Install the new ink tank.

Close the front cover when finished.

↳ **Note**

For more details about maintenance, refer to the *User's Guide*.

Appendix

Printing Photographs Directly from a Digital Camera

Connecting a digital camera or camcorder to the printer allows you to print recorded images directly without using a computer. This printer supports both “PictBridge” and Canon “Bubble Jet Direct”.

→ Notes

- PictBridge is an industry standard enabling a range of digital photo solutions, including the direct printing of photos from a digital still camera or a camcorder* without the need to use a computer.
- Canon “Bubble Jet Direct” allows you to print photos from a Canon “Bubble Jet Direct” compatible (“PictBridge” incompatible) digital camera or digital camcorder without a computer by simply connecting the digital camera or digital camcorder to this printer.

* Hereafter, the digital still camera and digital video camcorder are collectively called a digital camera or camera.

■ Connecting to a Digital Camera

Caution

Do not connect any equipment other than the camera ready for “PictBridge” or Canon “Bubble Jet Direct” to the Direct Print Port of the printer. If you do so, electric shock, fire, or damage to the camera could result.

→ Notes

- When producing photos with the digital camera connected to the printer, it is advisable to use the AC adapter supplied with the camera. If you use the camera battery, be sure to charge it fully.
- The print head cannot be aligned using the controls of the digital camera. To align the print head, connect the printer to the computer.
- Depending on the model or brand of your camera, you may have to select a mode of producing photos compliant with “PictBridge” before connecting the camera. You may also have to turn on the camera or select Play mode manually after connecting the camera to the printer. Perform necessary operations according to the instruction manual supplied with your camera.
- When printing from your PC, be sure to unplug the cable connecting the digital camera.

1 Set up the printer.

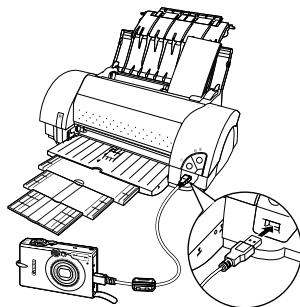
2 Turn on the printer.

3 Load the paper on the paper rest.

4 Connect the digital camera to the printer.

- (1) Make sure the camera is turned off.
- (2) Connect the camera to the printer using the USB cable (for connection to a computer) supplied with the camera.
- (3) Turn on and set up the camera for direct printing.
When the connection between the camera and printer is established, the Power lamp on the printer flashes once.

* The power-on sequence may differ depending on the model or brand of the camera.



Either of the following icons will appear on the LCD of the digital camera display when the printer is correctly connected.



A PictBridge-compliant digital camera.



A Canon "Bubble Jet Direct" compatible digital camera.

■ Printing Photographs Directly from a PictBridge-compliant digital camera

■ Default Camera Settings

When a PictBridge-compliant camera is connected and printing is started with no printing option selected, this printer operates based on the following default settings:

- Paper size..... 10×15cm / 4"×6"
- Paper type..... Photo (Photo Paper Plus Glossy)
- Layout..... Borderless
- Trimming..... Off (No trimming)
- Image optimize..... On (Exif print)
- Date print..... Off (No printing)

About the Settings Explained Below

The settings explained on the following pages cannot be made on some camera. If any setting cannot be made, the default setting explained above is used.

Names of settings that are displayed on Canon PictBridge-compliant cameras are used in the description given below.

Different names may be displayed on your camera depending on the brand or model.

For details, refer to your camera's instruction manual.

■ About “Paper Size” and “Paper Type”

To change the paper size or paper type, operate the camera to select the PictBridge print setup mode and confirm or check the settings.

To use Photo Paper Pro, select “Fast Photo” in “Paper type”.

The following sizes and types of paper can be loaded in the printer by selecting options in “Paper Size” and “Paper Type”.

“Paper Size” setting	“Paper Type” setting	Paper loaded in printer
10×15cm / 4”×6” (Default)	Photo (Default)	Photo Paper Plus Glossy
	Fast Photo	Photo Paper Pro
13×18cm / 5”×7”	Photo	Photo Paper Plus Glossy
A4	Photo	Photo Paper Plus Glossy
	Fast Photo	Photo Paper Pro PR-101
A3	Photo	Photo Paper Plus Glossy
	Fast Photo	Photo Paper Pro
A3+	Photo	Photo Paper Plus Glossy
	Fast Photo	Photo Paper Pro

■ About “Image optimize”

If you use a Canon PictBridge-compliant camera, you can select “VIVID”, “NR”, or “VIVID+NR”. (Note that these options cannot be selected for some models.)

↳ Notes

- When “VIVID” is selected, green and blue portions of photos are printed vividly.
 - When “NR” (Noise Reduction) is selected, noise in blue portions, such as the sky, and dark portions is removed.
 - When “VIVID+NR” is selected, functions of both “VIVID” and “NR” are performed.
-

■ About “Date print”

If “On” is selected, the shooting date recorded in Exif image data is printed in the lower-right corner of each photo.

↳ Notes

- This printer can handle only Exif/JPEG image data to produce photos using PictBridge.
 - Never disconnect the USB cable during printing.
 - When disconnecting the USB cable between the digital camera and printer, follow the instructions given in the Instruction Manual.
 - Controls of the digital camera cannot be used for the following:
 - Print quality setting
 - Printer maintenance
-

■ Printing Photographs Directly from a Canon “Bubble Jet Direct” compatible digital camera

■ Media Types for Digital Camera

When you connect a digital camera, you can use the following media:

Digital Camera Setting	Media Type
Card #1	Photo Paper Pro 4"×6" / 101.6×152.4mm
Card #2	Photo Paper Plus Glossy 4"×6" / 101.6×152.4mm
Card #3	Photo Paper Plus Glossy 5"×7" / 127.0×177.8mm
LTR	Photo Paper Pro or Photo Paper Plus Glossy Letter
A4	Photo Paper Pro or Photo Paper Plus Glossy A4

→ Notes

- For the digital camera operation method and troubleshooting, refer to your digital camera manual. For print error messages, refer to the User's Guide.
- 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 by editing the DPOF.
 - 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 from the operation panel of 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
- Images other than Exif may not be index printed.

Notes on Handling the USB Interface (for Windows Users)

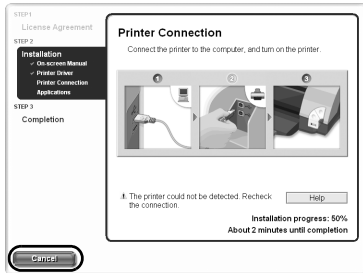
If installation of the printer driver does not proceed as instructed in this *Quick Start Guide*, there may be a problem with the USB driver installation.
Try reinstalling the printer driver.

■ Reinstalling

The screen shown on the left appears when the installation of the printer driver fails.

If the reinstallation is unsuccessful;

- 1 Click **Cancel** on the **Printer Connection** screen.
- 2 Click **Start Over** on the **Installation Failure** screen.
- 3 Click **Exit** on the **Welcome** screen, then remove the CD-ROM.
- 4 Turn the printer off.
- 5 Restart the computer.
- 6 Reinstall the printer driver (see page 8).



For Further Details...

For more information, refer to the *User's Guide*. The *User's Guide* is an HTML manual you can browse through on your computer.

■ User's Guide Contents

- Printer parts and their functions
- Printer driver functions
- Routine maintenance
- Printing media
- Troubleshooting
- Specifications

■ How to View the User's Guide

For Windows

Double-click the **User's Guide** short-cut icon on the desk top, or select **All programs** (or **Programs**) from the **Start** menu, then **Canon i9950** (or **i9900**) - **User's Guide**.

For Mac OS X

- (1) Load the CD-ROM in your computer, and click the OS X folder.
- (2) Double-click the **Manual** folder.
- (3) Select a language folder.
- (4) Double-click the **User's Guide** folder.
- (5) Double-click the icon for the **i9950_i9900_UG_ENG.htm** file.

■ BJ Printer Driver Systems Requirements

For Windows

- Use a computer on which Windows XP, Windows 2000, Windows Me, or Windows 98 can operate.
- USB*¹ interface / USB 2.0 High-Speed*² interface
- CD-ROM drive
- Available hard-disk space for printer driver installation

Windows XP/Windows 2000: 65MB

Windows Me/Windows 98: 30MB

*¹ 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)

*² USB 2.0 Hi-Speed operation can only be guaranteed under the environments below.

OS: Windows XP*³ / Windows 2000*³

USB 2.0 Hi-Speed Interface: a PC and a USB cable that comply with USB 2.0 Hi-Speed standard

*³ Supporting Microsoft standard USB 2.0 driver only. Please refer to the Microsoft web site for more information.

For Macintosh

- Use a Macintosh series computer equipped with USB interface on which Mac OS 8.6-9.x or Mac OS X v.10.2.1 or later can operate.
- USB interface/USB 2.0 Hi-Speed*⁴ interface/FireWire*⁵ interface
- Available hard-disk space for printer driver installation

Mac OS 8.6-9.x: 30 MB

Mac OS X v.10.2.1 or later: 100 MB

*⁴ USB 2.0 Hi-Speed operation can only be guaranteed under the environments below.

OS: Mac OS X v.10.2.7 or later

An internal USB 2.0 Hi-Speed port and a USB cable that comply with the USB 2.0 Hi-Speed standard

(USB 2.0 Hi-Speed operation on the expansion board is not guaranteed.)

*⁵ FireWire operation can only be guaranteed under the environments below.

OS: Mac OS 9.0.x-9.x or Mac OS X v.10.2.1 or later

An internal FireWire 400 port

- The following functions are not supported when using Mac OS X v.10.2.1 or later:
 - Duplex Printing
 - Poster Printing
 - Fit to Page Printing
 - Booklet Printing
 - Reverse Order Printing (supported with Mac OS X v.10.3)
 - Photo Optimizer Pro

* To use the bundled applications, install them stored in the Mac OS X folder.

Additional Systems Requirements for Electric Manuals

- Pentium[®] 75 MHz equivalent or higher processor (Pentium[®] 133MHz equivalent or higher processor recommended)
- 2x or higher CD-ROM drive (4x or higher recommended)
- Windows: Microsoft Internet Explorer 5.0 or later.
- Mac OS: Microsoft Internet Explorer 5.0 or later, Safari 1.0 or later.

