EPSON®

Color Inkjet Printer

EPSON STYLUS PHOTO R2400

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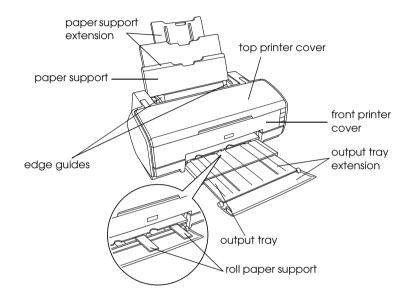
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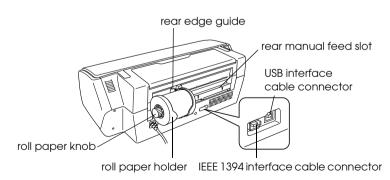
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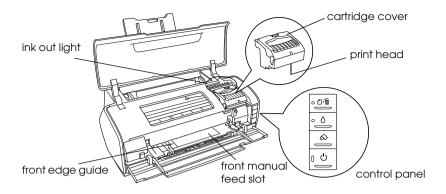
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Printer Parts and Control Panel Functions

Printer Parts







Control Panel

Buttons

Button	Function
ψ	Turns the printer on and off.
power	
心 顿	Loads or ejects paper.
paper	Resumes printing if pressed after a paper out error or double feed error.
	Cancels the printing of a print job if pressed while printing.
٥ ink	Moves the print head to the ink cartridge replacement position.
	Move the print head to the ink check position when an empty ink cartridge is detected.
	Returns the print head to its home position after ink cartridge replacement.
	Performs print head cleaning if held down for three seconds when the 0 ink out light is off.
	Prints a cutting guideline and feeds roll paper to a position where it can be easily removed from the sheet feeder if pressed after printing.
	Feeds roll paper to the printing position if pressed after cutting the paper.
	Feeds roll paper in reverse to a position where it can be easily removed from the roll paper feeder if pressed for 3 seconds.

Lights

Light	Description
Ф	On when the printer is on.
power	Flashing when the printer is receiving data, printing, having an ink cartridge replaced, charging ink, or cleaning the print head.
<u>a</u>	On when the printer is out of paper.
paper out	Flashing when the paper tray is jammed, or when the output tray is in an incorrect position.
	Flashing when paper is not fed straight into the rear manual feed slot.
٥	On when an ink cartridge is empty or not installed.
ink error	Flashing when an ink cartridge is nearly empty, or when the wrong color ink cartridge is installed.
ink out	On when an ink cartridge is empty or not installed.
	Flashing when an ink cartridge is nearly empty.

Safety Instructions

Important Safety Instructions

Read all of the instructions in this section before using your printer. Also, be sure to follow all warnings and instructions marked on the printer.

When setting up your printer

Ob	serve the following when setting up the printer:
	Do not block or cover the vents and openings in the printer.
	Use only the type of power source indicated on the printer's label.
	Use only the power cord that comes with this product. Use of another cord may result in fire or electric shock.
	This product's power cord is for use with this product only. Use with other equipment may result in fire or electric shock
	Be sure your AC power cord meets the relevant local safety standard.
	Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
	Avoid electrical outlets controlled by wall switches or automatic timers.

	Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
	Do not use a damaged or frayed power cord.
	If you use an extension cord with the printer, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
	Do not attempt to service the printer yourself.
	Unplug the printer and refer servicing to qualified service personnel under the following conditions:
	The power cord or plug is damaged; liquid has entered the printer; the printer has been dropped or the casing damaged; the printer does not operate normally or exhibits a distinct change in performance.
	If you plan to use the printer in Germany, the building installation must be protected by a10 or 16 amp circuit breaker to provide adequate short-circuit protection and over-current protection for this printer.
<u> </u>	When connecting this product to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.

When choosing a place for the printer

Observe the following when choosing a place for the printer: Place the printer on a flat, stable surface that extends beyond the base of the printer in all directions. If you place the printer by the wall, leave more than 40 cm between the back of the printer and the wall. The printer will not operate properly if it is tilted at an angle. ☐ When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down. Otherwise, ink may leak from the cartridges. Leave enough space in front of the printer for the paper to be fully ejected. Avoid places subject to rapid changes in temperature and humidity. Also, keep the printer away from direct sunlight, strong light, or heat sources. Avoid places subject to dust, shocks, or vibrations. ☐ Leave enough room around the printer to allow for sufficient ventilation. ☐ Place the printer near a wall outlet where the plug can be easily unplugged. When using the printer Observe the following when using the printer: Do not insert objects through the slots in the printer. Take care not to spill liquid on the printer.

		Do not move the print head by hand; otherwise, you may damage the printer.
		Always turn the printer off using the \circlearrowleft power button. When this button is pressed, the \circlearrowleft power light flashes. Do not unplug the printer or turn off the power to the outlet until the \circlearrowleft power light stops flashing.
		Before transporting the printer, make sure that the print head is in the home (far right) position and the ink cartridges are in place.
		Leave the ink cartridges installed. Removing the cartridges can dehydrate the print head and may prevent the printer from printing.
When handling the ink cartridges		
	Obs	serve the following when handling the ink cartridges:
		Keep ink cartridges out of the reach of children. Do not allow children to drink from or otherwise handle the cartridges.
	<u> </u>	children to drink from or otherwise handle the cartridges. Shake the new ink cartridges four or five times before opening

flushing, see a doctor immediately.

☐ Do not put your hand inside the printer or touch the ink

cartridges during printing.

Do not remove or tear the label on the cartridge; this can cause leakage.
Install the ink cartridge immediately after you remove it from its package. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.
Do not use an ink cartridge beyond the date printed on the cartridge carton: otherwise, it may result in reduced print quality. For best results, use up the ink cartridges within six months of first installing them.
Do not dismantle the ink cartridges or try to refill them. This could damage the print head.
After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
Store ink cartridges in a cool, dark place.
Do not touch the green IC chip on the side of the cartridge. Doing so may prevent normal operation and printing.
The IC chip on this ink cartridge retains a variety of cartridge related-information such as the amount of ink remaining, so that the cartridge may be removed and reinserted freely. However, each time the cartridge is inserted, some ink is consumed because the printer automatically performs a reliability check.
If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the printer. A valve in the ink supply port makes covers or plugs unnecessary, but the ink may stain items that come into contact with this area of the cartridge. Do not touch the ink supply port or the surrounding area.
Store ink cartridge with its label facing upward. Do not store cartridge upside down.

ENERGY STAR® Compliance



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

The International ENERGY STAR® Office Equipment Program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, copiers, scanners, and multifunction devices in an effort to reduce air pollution caused by power generation. Their standards and logos are uniform among participating nations.

Warnings, Cautions, and Notes



Warnings

must be followed carefully to avoid bodily injury.



Cautions

must be observed to avoid damage to your equipment.

Notes

contain important information and useful tips on the operation of your printer.

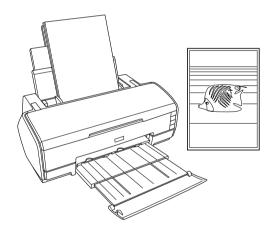
How to Print

Introduction

This section guides you through the procedures for different kinds of printing.

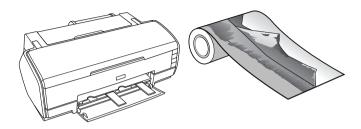
"Printing Photos" on page 23

Explains how to print color or black-and-white photos on various sizes or kinds of single-sheet paper.



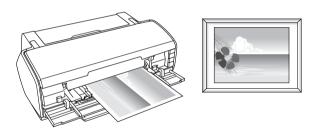
"Printing on Roll Paper" on page 29

Explains how to use the main function of the roll paper setting, printing banners. This allows you to print panoramic photos or continuous documents on roll paper.



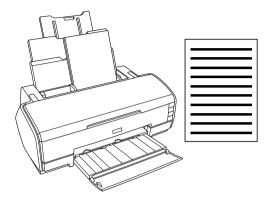
"Printing on Thick Paper" on page 38

Explains how to print documents and images on thick paper.



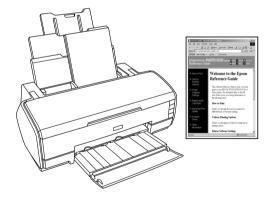
"Printing Text" on page 43

Explains how to print documents and images on various sizes or kinds of single-sheet paper.

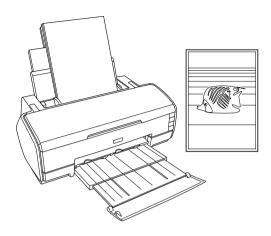


"Printing Web Pages" on page 49

Explains how to print web pages on various sizes or kinds of single-sheet paper.



Printing Photos



Handling single sheets of paper

Refer to the section below for details on loading single sheets of paper.

"Loading single sheets of paper" on page 346

Some types of special media, such as Velvet Fine Art Paper, Watercolor Paper-Radiant White and UltraSmooth Fine Art Paper, should be loaded into the rear manual feed slot. Refer to the section below for details on loading single sheets of paper into the rear manual feed slot.

"Loading Single Sheets of Paper into the Rear Manual Feed Slot" on page 349

When using special media, refer to the section below.

"Using special media" on page 354

Using software such as EPSON Easy Photo Print or EPSON Darkroom Print, which are included on the CD-ROM, is the easiest way to make printouts on this printer. For details, see the following section.

"EPSON Creativity Suite" on page 198

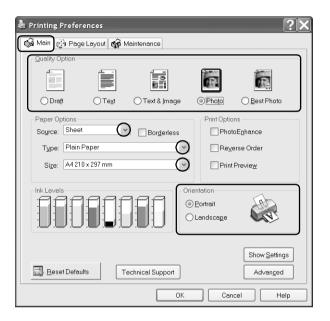
Driver settings for Windows

Note:

If you want to print high quality black-and-white photos, use Advanced B&W Photo. For more details, see the following section.

- → See "B&W Photo Printing" on page 60
- 1. Open the file you want to print.
- 2. Access the printer driver.
 - "Accessing the printer software for Windows" on page 366
- 3. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 4. Select Sheet as the Source setting when feeding paper into the sheet feeder. Select Manual Roll as the Source setting when feeding paper into the rear manual feed slot.
- 5. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 6. Make the appropriate Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Windows" on page 372

7. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.

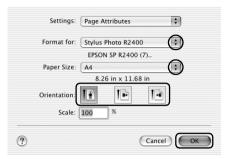


- 8. Click OK to close the printer driver settings dialog box.
- 9. Print your data.

Driver settings for Mac OS X

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 3. Select Stylus Photo R2400 as the Format for setting.
- 4. Make the appropriate Paper Size and Orientation settings.

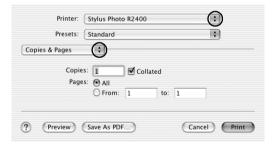
5. Click OK to close the Page Setup dialog box.



- 6. Access the Print dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 7. Select Stylus Photo R2400 as the Printer setting, then make the Copies & Pages settings.

Note:

The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.



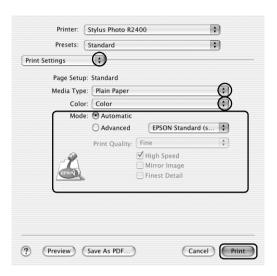
- 8. Select Print Settings from the pop-up menu.
- 9. Make the appropriate Media Type, Color, and Mode settings.
 - → See "Print Settings" on page 161

[&]quot;Media type settings" on page 369

Note:

If you want to print high quality black-and-white photos, use Advanced B&W Photo. For more details, see the following section.

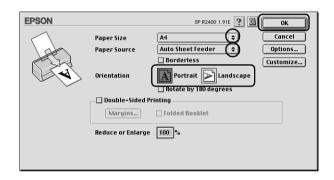
- → See "B&W Photo Printing" on page 60
- 10. Click Print to start printing.



Driver settings for Mac OS 9

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 3. Make the appropriate Paper Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Mac OS 9" on page 376

- 4. Select Auto Sheet Feeder as the Paper Source when feeding paper into the sheet feeder. Select Manual Roll as the Paper Source when feeding paper into the rear manual feed slot.
- 5. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 6. Click OK to save the settings and close the Page Setup dialog box.



7. Access the Print dialog box.

"Accessing the printer software for Mac OS 9" on page 368

8. Make the appropriate Media Type setting.

"Media type settings" on page 369

Note:

If you want to print high quality black-and-white photos, use Advanced B&W Photo. For more details, see the following section.

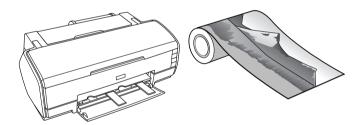
→ See "B&W Photo Printing" on page 60

9. Click Print to start printing.



Printing on Roll Paper

Printing on roll paper allows you to perform high quality banner printing. This means you can print panoramic photos, or a continuous document, rather than individual pages.



Handling roll paper

Refer to the section below for loading roll paper.

"Loading the roll paper" on page 359

Driver settings for Windows

Note:

- ☐ You can change the margins for roll paper with the printer driver settings. Refer to the section below to print without margins on either side of your printout.
 - → See "Borderless Printing" on page 66
- ☐ In this section you will learn how to print a banner on roll paper with margins on both sides of your printout.
- 1. Open the file you want to print.
- 2. Access the printer driver.
 - "Accessing the printer software for Windows" on page 366
- 3. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 4. Select Roll as the Source setting.
- 5. Make appropriate Options settings in the Roll Paper Options dialog box.

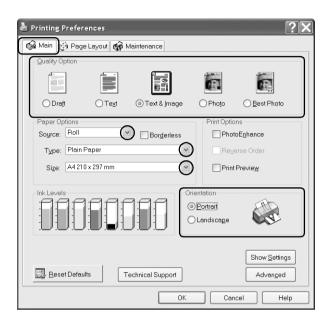
Selecting Bonner Mode means you can print data as a banner. This allows you to print long documents as a continuous sheet rather than as individual sheets.

Selecting Cut Sheet Mode means you can print standard-sized data. This allows you to print documents as individual sheets rather than as a continuous sheet.

- 6. Click OK to return to the Main menu.
- 7. Select the appropriate Type setting.

"Media type settings" on page 369

- 8. Select the appropriate Size setting.
- 9. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.





Note:

Do not select Sheet as the Source setting when roll paper is loaded in the rear manual feed slot. Doing so causes unnecessary paper to feed after each document. If you have already started printing, cancel printing from the printer software.

→ See "Canceling Printing" on page 296

- 10. Click OK to close the driver setting dialog box.
- 11. Print your data.
- 12. Cut the roll paper.

"Cutting the roll paper" on page 364

Note:

Wait until the printer stops printing and feeding paper. Cut off the paper at the back of the printer, and then turn off the printer. The remaining paper is ejected.

Driver settings for Mac OS X

Note:

- ☐ You can change the margins for roll paper with the printer driver settings. Refer to the section below to print without margins on either side of your printout.
 - → See "Borderless Printing" on page 66
- ☐ In this section you will learn how to print a banner on roll paper with margins on both sides of your printout.
- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.

"Accessing the printer software for Mac OS X" on page 367

- 3. Select Stylus Photo R2400 as the Format for setting.
- 4. Make the appropriate Paper Size setting according to the type of roll paper printing you want to perform.
- 5. Make the appropriate Orientation setting.

6. Click OK to close the Page Setup dialog box.



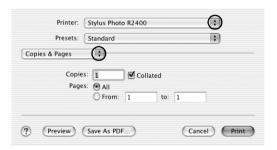
7. Access the Print dialog box.

"Accessing the printer software for Mac OS X" on page 367

8. Select Stylus Photo R2400 as the Printer setting, then make the Copies & Pages settings.

Note:

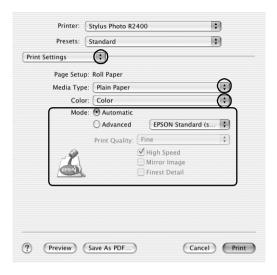
The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.



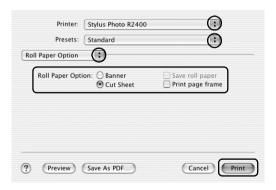
- 9. Select Print Settings from the pop-up menu.
- 10. Make the appropriate Media Type, Color, and Mode settings.

 → See "Print Settings" on page 161

"Media type settings" on page 369



- 11. Select Roll Paper Option from the pop-up menu.
- 12. Make the appropriate Roll Paper Option setting.
- 13. Click Print to start printing.



Note:

This screen shot appears when A4 (roll paper) is selected as the paper size.

14. Cut the roll paper.

"Cutting the roll paper" on page 364

Note:

Wait until the printer stops printing and feeding paper. Cut off the paper at the back of the printer, and then turn off the printer. The remaining paper is ejected.

Driver settings for Mac OS 9

Note:

- ☐ You can change the margins for roll paper with the printer driver settings. Refer to the section below to print without margins on either side of your printout.
 - → See "Borderless Printing" on page 66
- ☐ In this section you will learn how to print a banner on roll paper with margins on both sides of your printout.
- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.

"Accessing the printer software for Mac OS 9" on page 368

- 3. Select the appropriate Paper Size setting.
- 4. Select Roll Paper as the Paper Source setting.
- Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 6. Make appropriate Roll Paper Option settings.

Selecting Banner means you can print data as a banner. This allows you to print long documents as a continuous sheet rather than as individual sheets.

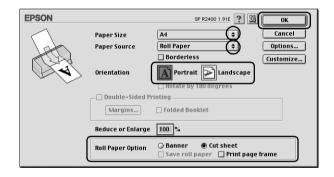
Selecting Cut sheet means you can print standard-sized data. This allows you to print documents as individual sheets rather than as a continuous sheet.

7. Click OK to save your settings and close the Page Setup dialog box.

Note:

Do not select Auto Sheet Feeder as the Paper Source setting when roll paper is loaded in the rear manual feed slot. Doing so causes unnecessary paper to feed after each document. If you have already started printing, cancel printing from the printer software.

→ See "Canceling Printing" on page 296



8. Access the Print dialog box.

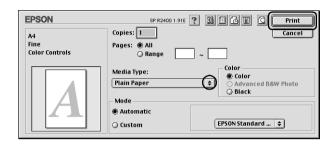
"Accessing the printer software for Mac OS 9" on page 368

9. Select the appropriate Media Type setting.

"Media type settings" on page 369

Do not select PhotoEnhance as the Mode setting, because it may cause gaps in your printout.

10. Click Print to start printing.



11. Cut the roll paper.

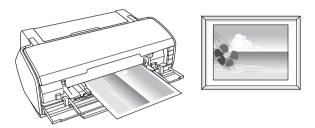
"Cutting the roll paper" on page 364

Note:

Wait until the printer stops printing and feeding paper. Cut off the paper at the back of the printer, and then turn off the printer. The remaining paper is ejected.

Printing on Thick Paper

You can print high quality images and documents on thick paper.



Refer to the section below for loading thick paper.

"Loading Thick Paper" on page 347

Driver settings for Windows

- 1. Open the file you want to print.
- 2. Access the printer driver.

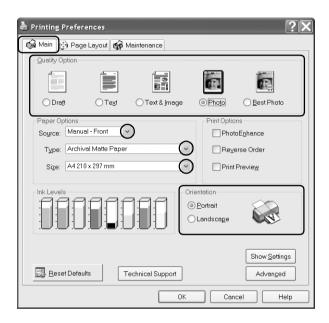
"Accessing the printer software for Windows" on page 366

- 3. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 4. Select Manual Front as the Source setting.

Note:

Borderless printing is not available when Manual - Front is selected.

- 5. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 6. Make the appropriate Size setting.
- 7. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



- 8. Click OK to close the driver setting dialog box.
- 9. Print your data.

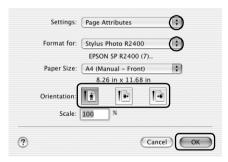
Driver settings for Mac OS X

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 3. Select Stylus Photo R2400 as the Format for setting.
- 4. Make the appropriate Paper Size setting, make sure the paper size you select is followed by Manual Front, for example A4 (Manual Front).

Note:

Borderless printing is not available when Manual - Front is selected.

- 5. Make the appropriate Orientation setting.
- 6. Click OK to close the Page Setup dialog box.

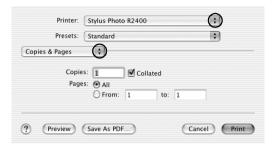


7. Access the Print dialog box.

"Accessing the printer software for Mac OS X" on page 367

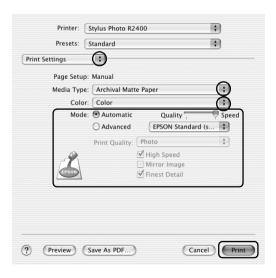
8. Select Stylus Photo R2400 as the Printer setting, then make the Copies & Pages settings.

The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.



- 9. Select Print Settings from the pop-up menu.
- 10. Make the appropriate Media Type, Color, and Mode settings.
 - → See "Print Settings" on page 161

"Media type settings" on page 369



11. Click Print to start printing.

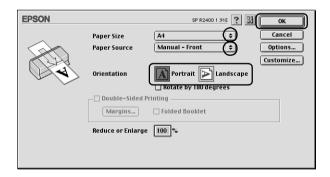
Driver settings for Mac OS 9

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 3. Make the appropriate Paper Size setting.
- 4. Select Manual Front as the Paper Source setting.

Note:

Borderless printing is not available when Manual - Front is selected.

- 5. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 6. Click OK to save the settings and close the Page Setup dialog box.



7. Access the Print dialog box.

"Accessing the printer software for Mac OS 9" on page 368

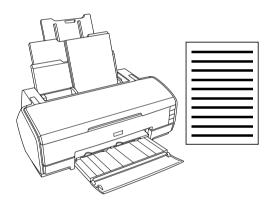
8. Select the appropriate Media Type setting.

"Media type settings" on page 369

9. Click Print to start printing.



Printing Text



Handling single sheets of paper

Refer to the section below for details on loading single sheets of paper.

"Loading single sheets of paper" on page 346

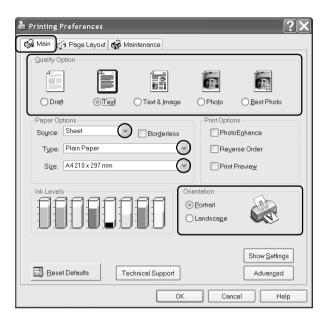
When using special media, refer to the section below.

"Using special media" on page 354

Driver settings for Windows

- 1. Open the file you want to print.
- 2. Access the printer driver.
 - "Accessing the printer software for Windows" on page 366
- 3. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 4. Select Sheet as the Source setting.
- 5. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 6. Make the appropriate Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Windows" on page 372

7. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



- 8. Click OK to close the printer driver settings dialog box.
- 9. Print your data.

Driver settings for Mac OS X

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 3. Select Stylus Photo R2400 as the Format for setting.
- 4. Make the appropriate Paper Size and Orientation settings.

5. Click OK to close the Page Setup dialog box.



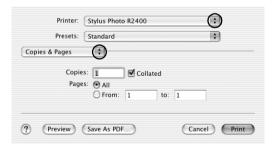
6. Access the Print dialog box.

"Accessing the printer software for Mac OS X" on page 367

7. Select Stylus Photo R2400 as the Printer setting, then make the Copies & Pages settings.

Note:

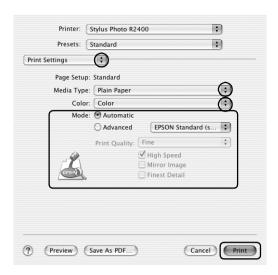
The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.



- 8. Select Print Settings from the pop-up menu.
- 9. Make the appropriate Media Type, Color, and Mode settings.→ See Print Settings

"Media type settings" on page 369

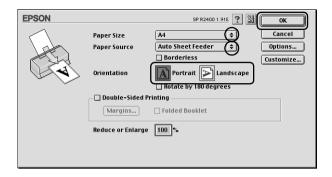
10. Click Print to start printing.



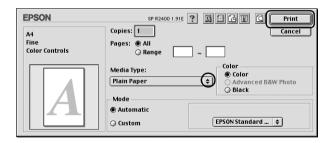
Driver settings for Mac OS 9

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 3. Make the appropriate Paper Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Mac OS 9" on page 376
- 4. Select Auto Sheet Feeder as the Paper Source.
- 5. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.

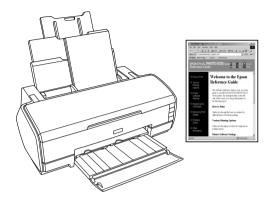
6. Click OK to save the settings and close the Page Setup dialog box.



- 7. Access the Print dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 8. Make the appropriate Media Type setting.
 - "Media type settings" on page 369
- 9. Click Print to start printing.



Printing Web Pages



Handling single sheets of paper

Refer to the section below for details on loading single sheets of paper.

"Loading single sheets of paper" on page 346

When using special media, refer to the section below.

"Using special media" on page 354

Using EPSON Web-To-Page for Windows

Using the EPSON Web-To-Page application enables you to print web pages easily and fit the pages to print within the width of your selected paper.

1. Open the file you want to print. If you have installed EPSON Web-To-Page, the EPSON Web-To-Page toolbar appears on the Internet Explorer window.

2. Click the Print button on the toolbar. The Print dialog box appears.

Note:

If you want to preview the layout of your printout, click the Preview button on the toolbar. For more information on EPSON Web-To-Page, choose User's Guide from the Web-To-Page pulldown menu on the toolbar.

- 3. Right-click on the icon of your printer, and choose Printing Preferences in Windows XP and 2000, or Properties in Windows Me and 98.
- 4. Click the Moin tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - "Quality Option" on page 126
- 5. Select Sheet as the Source setting.
- 6. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 7. Make the appropriate Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Windows" on page 372

8. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



- 9. Click OK to close the printer driver settings dialog box.
- 10. Print your data.

Using the Printer Driver for Mac OS X

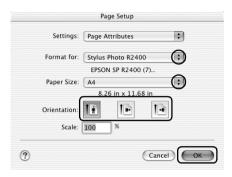
Note:

EPSON Web-To-Page is an application only available to Windows users. Macintosh users can print web pages using the printer driver in Mac OS X.

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.

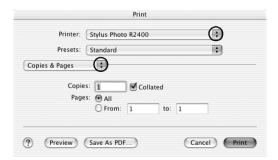
"Accessing the printer software for Mac OS X" on page 367

- 3. Select Stylus Photo R2400 as the Format for setting.
- 4. Make the appropriate Paper Size and Orientation settings.
- 5. Click OK to close the Page Setup dialog box.



- 6. Access the Print dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 7. Select Stylus Photo R2400 as the Printer setting, then make the Copies & Pages settings.

The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.

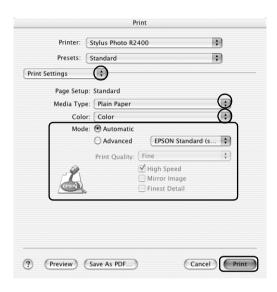


- 8. Select Print Settings from the pop-up menu.
- 9. Make the appropriate Media Type, Color, and Mode settings.

"Print Settings" on page 161

"Media type settings" on page 369

10. Click Print to start printing.



Using the Printer Driver for Mac OS 9

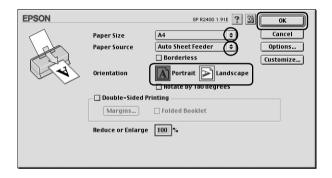
Note:

EPSON Web-To-Page is an application only available to Windows users. Macintosh users can print web pages using the printer driver in Mac OS 9.

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box.

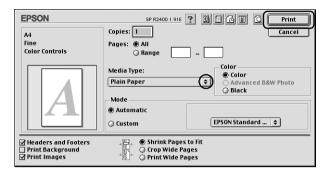
"Accessing the printer software for Mac OS 9" on page 368

- 3. Make the appropriate Paper Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Mac OS 9" on page 376
- 4. Select Auto Sheet Feeder as the Paper Source.
- 5. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 6. Click OK to save the settings and close the Page Setup dialog box.



- 7. Access the Print dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 8. Make the appropriate Media Type setting.
 - "Media type settings" on page 369

9. Click Print to start printing.



Various Printing Options

Introduction to Various Printing Options

This printer provides you with a variety of different printing options. You can print in various formats, and you can print using many different types of paper.

The sections that follow the introduction explain procedures for each type of printing. Click the title of each printing option to see more details.

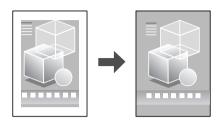
"B&W Photo Printing" on page 60

Lets you print black-and-white photos using the Advanced B&W Photo mode.



"Borderless Printing" on page 66

Lets you print without margins on all four sides of the paper.



"Double-Sided Printing" on page 75

Lets you print on both sides of the paper.

Note:

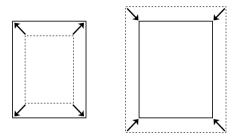
This feature is not available with Mac OS X.



"Fit to Page Printing" on page 91

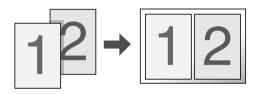
Lets you automatically enlarge or reduce the size of your document to fit the paper size selected in the printer software.

This feature is not available with Mac OS X.



"Pages Per Sheet Printing" on page 96

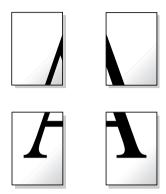
Lets you print two or four pages on a single sheet of paper.



"Poster Printing" on page 105

Lets you enlarge material on a single document page to cover 4, 9, or 16 printed sheets of paper, and then make a poster.

This feature is not available with Mac OS X.



"Watermark Printing" on page 114

Lets you print text or an image as a watermark on your printout.

Note:

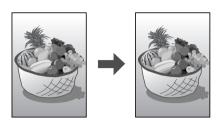
This feature is not available with Mac OS X.

For example, you can put "Confidential" on an important document.



B&W Photo Printing

Advanced B&W Photo mode allows you to print high quality black-and-white photos.



Compatible media

You can use the following media with this feature.

Premium Glossy Photo Paper	A3+, A3, A4, 10 × 15 cm (4 × 6 in), 210 mm × 10 m, 329 mm × 10 m (Roll paper)
Premium Luster Photo Paper	A3+, A3, 210 mm × 10 m, 329 mm × 10 m (Roll paper)
Premium Semigloss Photo Paper	A3+, A3, A4, 100 mm × 8 m, 210 mm × 10 m, 329 mm × 10 m (Roll paper)
Matte Paper-Heavyweight	A3+, A3, A4
Watercolor Paper-Radiant White	A3+
Archival Matte Paper	A3+, A3, A4
Double-Sided Matte Paper	A4
Velvet Fine Art Paper	A3+
UltraSmooth Fine Art Paper	A3+

Driver settings for Windows

- 1. Open the file you want to print.
- 2. Access the printer driver. For details, see the following section.
 - "Accessing the printer software for Windows" on page 366
- 3. Click the Main tab, and then click Advanced.
- 4. Select Sheet as the Source setting when feeding paper into the sheet feeder. Select Manual Roll as the source setting when feeding paper into the rear manual feed slot.
- 5. Make the appropriate Type setting. For details, see the following section.

"Media type settings" on page 369

Note:

Advanced B&W Photo is available depending on the ink cartridge installed (Photo Black or Matte Black), the media type setting, and the print quality setting. For most media types, select Best Photo or Photo RPM as the print quality setting.

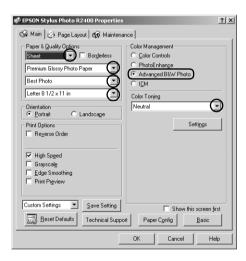
- 6. Make the appropriate Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Windows" on page 372
- 7. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.

Select Advanced B&W Photo as the Color Management setting. This makes the Color Toning drop-down menu available. Select one of the following settings.

Neutral	Applies standard color correction for black-and-white photos.	
Cool	Applies a cool tone to your photos.	
Warm	Applies a warm tone to your photos.	
Sepia	Applies a sepia tone to your photos.	

For details on making advanced settings in this mode, see the following section.

"Advanced B&W Photo" on page 136



- Click OK to close the printer driver settings dialog box.
- 10. Print your data.

Driver settings for Mac OS X

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box. For details, see the following section.
 - "Accessing the printer software for Mac OS X" on page 367
- 3. Select Stylus Photo R2400 as the Format for setting.
- 4. Make the appropriate Paper Size and Orientation settings.
- 5. Click OK to close the Page Setup dialog box.
- 6. Access the Print dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 7. Select Stylus Photo R2400 as the Printer setting.
- 8. Select Print Settings from the pop-up menu.
- 9. Make the appropriate Media Type and Print Quality settings, and then select Advanced B&W Photo as the Color setting.

Note:

Advanced B&W Photo is available depending on the ink cartridge installed (Photo Black or Matte Black), the media type setting, and the print quality setting. For most media types, select Best Photo or Photo RPM as the print quality setting.

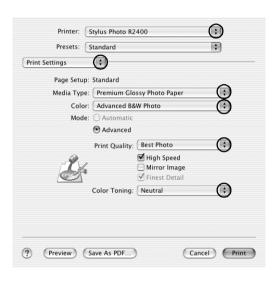
10. From the Color Toning pop-up menu, select one of the following settings.

Neutral	Applies standard color correction for black-and-white photos.
Cool	Applies a cool tone to your photos.

Warm	Applies a warm tone to your photos.	
Sepia	Applies a sepia tone to your photos.	

For details on making advanced settings in this mode, see the following section.

"When Advanced B&W Photo is selected as the Color setting in Print Settings" on page 164



11. Click Print.

Driver Settings for Mac OS 9

- 1. Open the file you want to print.
- 2. Access the Page Setup dialog box. For details, see the following section.

"Accessing the printer software for Mac OS 9" on page 368

- 3. Make the appropriate Paper Size setting. You can also define a custom paper size. For details, see the following section.
 - "Making User Defined paper sizes for Mac OS 9" on page 376
- 4. Select Auto Sheet Feeder as the Paper Source when feeding paper into the sheet feeder. Select Manual Roll as the Paper Source when feeding paper into the rear manual feed slot.
- 5. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 6. Click OK to save your settings and close the Page Setup dialog box.
- 7. Access the Print dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 8. Make the appropriate Media Type setting.

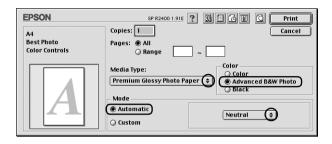
Advanced B&W Photo is available depending on the ink cartridge installed (Photo Black or Matte Black), the media type setting, and the print quality setting. For most media types, select Best Photo or Photo RPM as the print quality setting.

- 9. Select Advanced B&W Photo as the Color setting.
- 10. Select Automatic as the Mode setting, and then select one of the following settings from the pop-up menu.

Neutral	Applies standard color correction for black-and-white photos.	
Cool	Applies a cool tone to your photos.	
Warm	Applies a warm tone to your photos.	
Sepia	Applies a sepia tone to your photos.	

If you select Custom as the Mode setting, the Advanced button is available. For more details on advanced settings, see the following section.

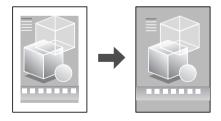
"Advanced B&W Photo:" on page 183



11. Click Print to start printing.

Borderless Printing

This printer allows you to print without margins on all four sides of the paper. Follow the steps described below for Borderless printing.



Note:

This feature is not available for all media and driver settings.

Compatible media

You can use the following media with this feature:

Matte Paper - Heavyweight	A3+, A3, A4
Archival Matte Paper	A3+, A3, A4
Premium Glossy Photo Paper	A3+, A3, A4, 10 × 15 cm (4 × 6 in.), 329 mm × 10 m, 210 mm × 10 m (Roll paper)
Premium Luster Photo Paper	A3+, A3, 210 mm × 10 m, 329 mm × 10m (Roll paper)
Premium Semigloss Photo Paper	A3+, A3, A4, 329 mm × 10 m, 210 mm × 10 m, 100 mm × 8 m (Roll paper)
Watercolor Paper-Radiant White	A3+
UltraSmooth Fine Art Paper	A3+
Velvet Fine Art Paper	A3+
Proofing Paper Semimatte	A3+, 329 mm × 10 m (Roll paper)

Note:

- ☐ Printing with this feature takes longer than with normal printing.
- ☐ Print quality may decline in the top and bottom areas of the printout, or the area may be smeared when printing on media other than those listed above. Print a single sheet to check the quality before printing large jobs.
- □ Borderless printing is not available when Manual Front is selected as the Source setting.

Preparing the print data

Because this option enlarges the image to a size slightly larger than the paper size, the portion of the image that extends beyond the edges of the paper is not printed.

When creating print data in an application, note the following:

Printing on roll paper

When using this feature with roll paper and Bonner Mode is selected in the Roll Paper Options dialog box (Windows) or Bonner is selected as the Roll Paper Option setting in the Page Setup dialog box (Mac OS X), you need to use your image-editing software to make the Image 4mm wider than the roll paper.

If your application has margin settings, make sure they are set to zero before printing.

Printing on single sheets

You need to adjust the data to the size of the paper. If your application has margin settings, make sure they are set to zero before printing.

Printing from EPSON Easy Photo Print

Using EPSON Easy Photo Print included on the CD-ROM is the easiest and quickest way to create borderless photos with this product. EPSON Easy Photo Print also includes a number of features that help you create outstanding photos.

Note:

EPSON Easy Photo Print does not support Mac OS 9.

For Windows

1. Access EPSON Easy Photo Print.

For Windows XP, click the Start button, point to All Programs, point to EPSON Creativity Suite, then choose EPSON Easy Photo Print.

For Windows Me, 98, and 2000, click the Start button, point to Programs, point to EPSON Creativity Suite, then choose EPSON Easy Photo Print.

2. Print images from EPSON Easy Photo Print.

To learn how to print your photos, click the Help button to view instructions in the *EPSON Easy Photo Print User's Guide*.

For Mac OS X

- 1. Double-click the Applications folder in Macintosh HD, EPSON folder, then Creativity Suite. Double-click the Easy Photo Print folder, then the EPSON Easy Photo Print icon.
- 2. Print images from EPSON Easy Photo Print.

To learn how to print your photos, choose User's Guide from Help menu to view instructions in the *EPSON Easy Photo Print User's Guide*.

Printing from the printer driver

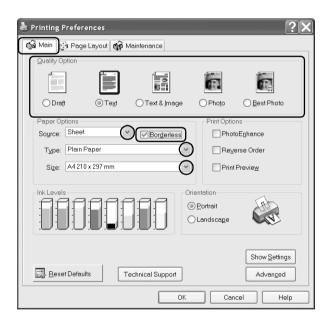
Driver settings for Windows

After you have loaded the media, change your printer driver settings for Borderless printing.

1. Access the printer driver.

"Accessing the printer software for Windows" on page 366

- 2. Click the Moin tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 3. Select the Borderless check box.
- 4. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 5. Make the appropriate Size setting.



6. Click OK to close the printer driver settings dialog box.

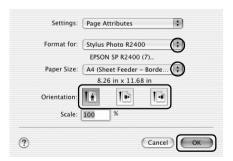
After finishing all steps above, start printing. Print one test copy and examine the results before printing an entire job.

You can control the amount of the image that extends beyond the edges of the paper during borderless printing. When the Borderless check box is selected on the Main menu, the Borderless Expansion slider becomes available on the Page Layout menu.

Driver settings for Mac OS X

After you have loaded the media, change your printer driver settings for Borderless printing.

- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 2. Select Stylus Photo R2400 as the Format for setting.
- 3. Make the appropriate Paper Size setting according to the type of borderless printing you want to perform.
- 4. Make the appropriate Orientation setting.
- 5. Click OK to close the Page Setup dialog box.



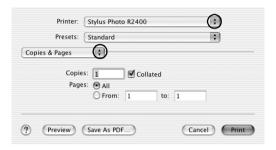
6. Access the Print dialog box.

"Accessing the printer software for Mac OS X" on page 367

Select Stylus Photo R2400 as the Print setting, then make the Copies & Pages settings.

Note:

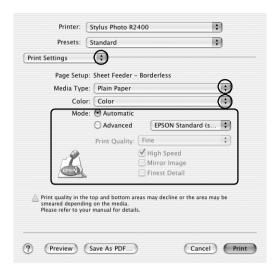
The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.



- 8. Select Print Settings from the pop-up menu.
- 9. Make the appropriate Media Type, Color, and Mode settings.
 - → See "Print Settings" on page 161

[&]quot;Media type settings" on page 369

10. Click Print to start printing.



Note:

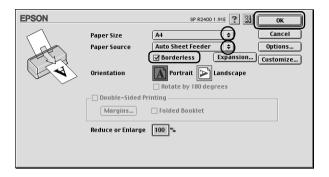
- ☐ Print one test copy and examine the results before printing an entire job.
- You can control the amount of the image that extends beyond the edges of the paper during borderless printing.
 - → See "Expansion" on page 168

Driver settings for Mac OS 9

After you have loaded the media, change your printer driver settings for Borderless printing.

- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 2. Make the appropriate Paper Size setting.
- Select the Borderless check box.

4. Click OK to save the settings and close the Page Setup dialog box.



5. Access the Print dialog box.

"Accessing the printer software for Mac OS 9" on page 368

6. Make the appropriate Media Type setting.

"Media type settings" on page 369

7. Click Print to start printing.

Note:

☐ Print one test copy and examine the results before printing an entire job.

You can control the amount of the image that extends beyond the edges of the paper during borderless printing. When the Borderless check box is selected on the Page Setup dialog box, the Borderless Expansion slider becomes available.

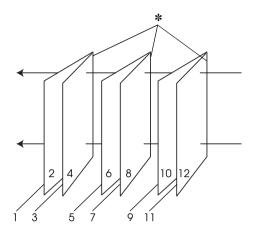


Double-Sided Printing

There are two types of double-sided printing available. Standard double-sided printing allows you to print the odd-numbered pages first. Once these pages are printed, they can be reloaded to print the even-numbered pages onto the opposite side of the paper.



Folded Booklet double-sided printing allows you to make single-fold booklets. To create it, the pages that appear on the outside (after the page is folded) are printed first. The pages that will appear inside the booklet can then be printed after the paper is reloaded into the printer as shown in the illustration below.



Single-fold booklet

*: Binding edge

A booklet can be created by printing pages 1 and 4 on the first sheet of paper, pages 5 and 8 on the second sheet of paper, and pages 9 and 12 on the third sheet of paper. After these sheets are reloaded into the sheet feeder, you can then print pages 2 and 3 on the back of the first sheet of paper, pages 6 and 7 on the back of the second sheet of paper, and pages 10 and 11 on the back of the third sheet of paper. The resulting pages can then be folded and bound together into a booklet.

Note:

- This feature is not available with Mac OS X.
- This feature is not available when selecting the Borderless check box on the Main menu (Windows) or in the Page Setup dialog box (Macintosh).
- This feature is not available when the printer is accessed over a network or is used as a shared printer.

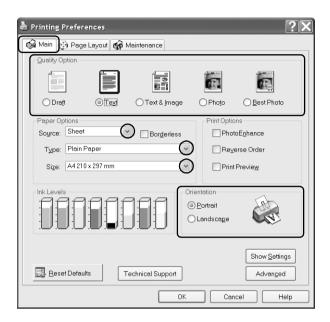
Depending on the media type, stacks of up to 30 sheets can be loaded into the sheet feeder during double-sided printing.
 Only use media types that are suitable for double-sided printing. Otherwise, the printout quality may deteriorate.
 Depending on the media type and the amount of ink used to print text and images, ink may bleed through to the other side of the paper.
 The surface of the paper may be smeared during double-sided printing.

Standard double-sided printing for Windows

Follow the steps below to print odd- and even-numbered pages onto opposite sides of the sheet.

- 1. Access the printer driver.
 - "Accessing the printer software for Windows" on page 366
- Click the Moin tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 3. Select Sheet as the Source setting.
- 4. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 5. Make the appropriate Size setting.

6. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



7. Click the Page Layout tab, then select the Double-Sided Printing check box.

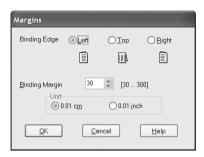
8. Click Margins to open the Margins dialog box.



- 9. Specify the edge of the paper where the binding will be placed. You can choose Left, Top, or Right.
- 10. Choose Cm or inch as the Unit setting. Then, specify the width of the binding margin. You can enter any width from 0.3 cm to 3.0 cm, or from 0.12 inches to 1.18 inches.

Note:

The actual binding margin may be different from the specified settings depending on your application. Experiment with a few sheets to examine actual results before printing the entire job.



- 11. Click OK to return to the Page Layout menu. Then, click OK to save your settings.
- 12. Load paper into the sheet feeder, then send the print job from your application. Instructions for generating the even-numbered pages will be displayed while the odd-numbered pages are printed.

"Loading single sheets of paper" on page 346

13. Follow the on-screen instructions to reload the paper.

Note:

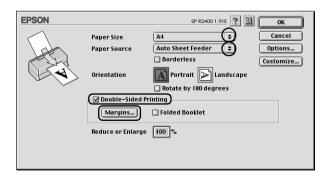
- ☐ The paper may curl during printing due to the amount of ink used. Should this occur, slightly curl the sheets in the opposite direction before reloading them into the printer.
- Align the sheet stack by tapping its edges against a hard, flat surface before reloading the stack into the printer.
- ☐ Follow the instructions provided when reloading the printouts. Paper jams or improperly placed binding margins may occur if the printouts are not reloaded correctly.

- ☐ If a paper jam occurs, refer to the following. → See "The paper jams" on page 283
- 14. Once the paper is reloaded, click Resume to print the even-numbered pages.

Standard double-sided printing for Mac OS 9

Follow the steps below to print odd- and even-numbered pages onto opposite sides of the sheet.

- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 2. Make the appropriate Paper Size setting.
- 3. Select Auto Sheet Feeder as the Paper Source.
- Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 5. Select the Double-Sided Printing check box.
- Click Margins.



- 7. Specify the edge of the paper where the binding will be placed. You can choose Left, Top, or Right.
- 8. Specify the width of the binding margin in the text box. You can enter any width from 0.12 inch to 1.18 inch or from 0.3 cm to 3.0 cm.

Note:

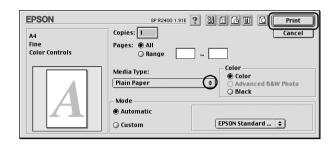
The actual binding margin may be different from the specified settings depending on your application. Experiment with a few sheets to examine actual results before printing the entire job.

9. Click OK to return to the Page Setup dialog box. Then, click OK to save your settings and close the dialog box.



- 10. Access the Print dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 11. Make the appropriate Media Type setting.
 - "Media type settings" on page 369
- 12. Load paper into the sheet feeder, then click Print to start printing. Instructions for generating the even-numbered pages will be displayed while the odd-numbered pages are printed.

"Loading single sheets of paper" on page 346



13. Follow the on-screen instructions to reload the paper.

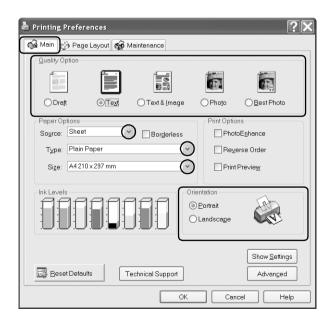
Note:

- ☐ The paper may curl during printing due to the amount of ink used. Should this occur, slightly curl the sheets in the opposite direction before reloading them into the printer.
- Align the sheet stack by tapping its edges against a hard, flat surface before reloading the stack into the printer.
- ☐ Follow the instructions provided when reloading the printouts. Paper jams or improperly placed binding margins may occur if the printouts are not reloaded correctly.
- ☐ *If a paper jam occurs, refer to the following.*
 - → See "The paper jams" on page 283
- 14. Once the paper is reloaded, click Resume to print the even-numbered pages.

Folded Booklet double-sided printing for Windows

Use the following steps to create a folded booklet as described in the beginning of this section.

- 1. Access the printer driver.
 - "Accessing the printer software for Windows" on page 366
- 2. Click the Moin tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 3. Select Sheet as the Source setting.
- 4. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 5. Make the appropriate Size setting.
- 6. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



- 7. Click the Page Layout tab and select the Double-Sided Printing check box. Then, select the Folded Booklet check box.
- 8. Click Margins to open the Margins dialog box.

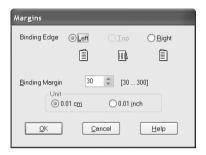


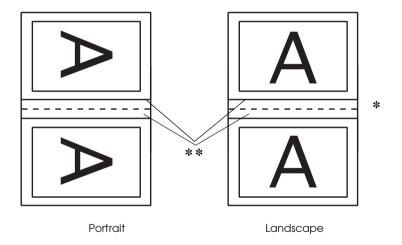
9. Specify the edge of the paper where the binding will be placed. You can choose Left, Top, or Right.

Note:

When Portrait is selected as the Orientation setting on the Main menu, the Left or Right binding positions are available. The Top binding position is available when Landscape is selected as the Orientation setting.

10. Choose cm or inch as the Unit setting. Specify the width of the binding margin. You can enter any width from 0.3 cm to 3.0 cm, or from 0.12 inches to 1.18 inches. The specified margin width will be used on both sides of the fold. For example, if a 10-mm margin is specified, a 20-mm margin will be inserted (a margin of 10 mm will be placed on each side of the fold).





*: Folding edge

**: Margin

- 11. Click OK to return to the Page Layout menu. Then, click OK to save your settings.
- 12. Load paper into the sheet feeder, then send the print job from your application. Instructions for printing the inside pages will be displayed while the outside pages are printed.

"Loading single sheets of paper" on page 346

13. Follow the on-screen instructions to reload the paper.

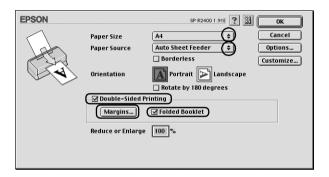
Note:

- ☐ The paper may curl during printing due to the amount of ink used. Should this occur, slightly curl the sheets in the opposite direction before reloading them into the printer.
- ☐ Align the sheet stack by tapping its edges against a hard, flat surface before reloading the stack into the printer.
- ☐ Follow the instructions provided when reloading the printouts. Paper jams or improperly placed binding margins may occur if the printouts are not reloaded correctly.
- ☐ If a paper jam occurs, refer to the following.
 - → See "The paper jams" on page 283
- 14. Once the paper is reloaded, click Resume to print the inside pages.
- 15. Once printing is complete, fold the sheets and bind them together using a stapler or other binding method.

Folded Booklet double-sided printing for Mac OS 9

Use the following steps to create a folded booklet as described in the beginning of this section.

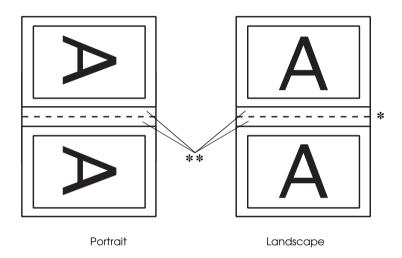
- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 2. Make the appropriate Paper Size setting.
- 3. Select Auto Sheet Feeder as the Paper Source.
- 4. Select the Double-Sided Printing check box. Then, select the Folded Booklet check box.
- 5. Click Margins.



6. Specify the edge of the paper where the binding will be placed. You can choose Left, Top, or Right.

Note:

When Portrait is selected as the Orientation setting in the Page Setup dialog box, the Left or Right binding positions are available. The Top binding position is supported when Landscape is selected as the Orientation setting. 7. Specify the width of the binding margin in the text box. You can enter any width from 0.12 inch to 1.18 inch or from 0.3 cm to 3.0 cm. The specified margin width will be used on both sides of the fold. For example, if a 10-mm margin is specified, a 20-mm margin will be inserted (a margin of 10 mm will be placed on each side of the fold).



*: Folding edge

**: Margin

8. Click OK to return to the Page Setup dialog box. Then, click OK to save your settings and close the dialog box.



9. Access the Print dialog box.

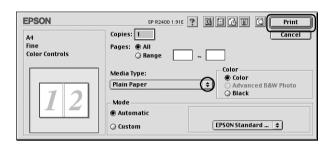
"Accessing the printer software for Mac OS 9" on page 368

10. Make the appropriate Media Type setting.

"Media type settings" on page 369

11. Load paper into the sheet feeder, then click Print to start printing. Instructions for printing the inside pages will be displayed while the outside pages are printed.

"Loading single sheets of paper" on page 346



12. Follow the on-screen instructions to reload the paper.

Note:

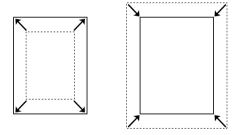
- The paper may curl during printing due to the amount of ink used. Should this occur, slightly curl the sheets in the opposite direction before reloading them into the printer.
- Align the sheet stack by tapping its edges against a hard, flat surface before reloading the stack into the printer.
- *Follow the instructions provided when reloading the printouts.* Paper jams or improperly placed binding margins may occur if the printouts are not reloaded correctly.
- \Box If a paper jam occurs, refer to the following. → See "The paper jams" on page 283
- 13. Once the paper is reloaded, click Resume to print the inside pages.

14. Once printing is complete, fold the sheets and bind them together using a stapler or other binding method.

Fit to Page Printing

You can use the Fit to Page printing function when you want to print, for example, an A4 size document on another size paper.

Fit to Page printing automatically fits images or text you want to print to the paper size you select in the printer software, or it allows you to manually resize the image.



Note:

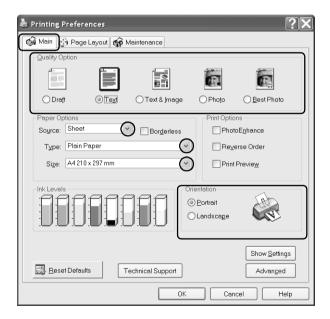
- ☐ This feature is not available with Mac OS X.
- ☐ This feature is not available when selecting the Borderless check box on the Main menu (Windows) or in the Page Setup dialog box (Macintosh).

Driver settings for Windows

1. Access the printer driver.

"Accessing the printer software for Windows" on page 366

- 2. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 3. Select Sheet as the Source setting.
- 4. Make the appropriate Type setting.
 - "Media type settings" on page 369
- 5. Make the appropriate Size setting.
- 6. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



7. Click the Page Layout tab, then select the Reduce/Enlarge Document check box. You can select the following settings to change the size of your document.

By Output Paper Size	Proportionally enlarges or reduces the size of your document to make it fit the paper size selected in the By Output Paper Size list.
By Percentage	Allows you to manually reduce or enlarge an image. Click the arrows to select a percentage between 10 and 400.

8. Select the paper size loaded in your printer from the drop-down list when selecting By Output Paper Size, or use the arrows to choose a percentage when selecting By Percentage.

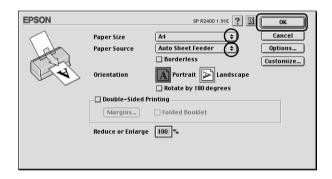


9. Click OK to close the printer driver settings dialog box.

After finishing all steps above, start printing.

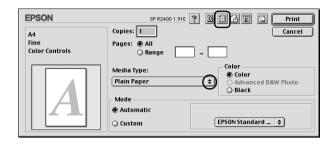
Driver settings for Mac OS 9

- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 2. Make the appropriate Paper Size setting.
- 3. Select Auto Sheet Feeder as the Paper Source.
- 4. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 5. Click OK to save the settings and close the Page Setup dialog box.

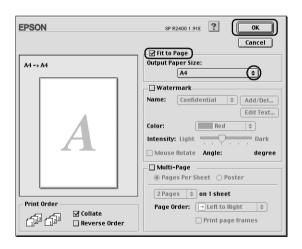


- 6. Access the Print dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 7. Make the appropriate Media Type setting.
 - "Media type settings" on page 369

8. Click the 🔳 Layout icon button.



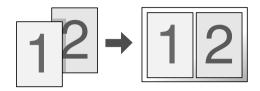
- 9. Select the Fit to Page check box.
- 10. Select the paper size loaded in your printer from the Output Paper Size list.
- 11. Click OK to save the settings and close the Layout dialog box.



12. Click Print to start printing.

Pages Per Sheet Printing

Pages Per Sheet printing allows you to print two or four pages on single sheets of paper.



Note:

This feature is not available when selecting the Borderless check box on the Main menu (Windows) or in the Page Setup dialog box (Mac OS 9).

Driver settings for Windows

1. Access the printer driver.

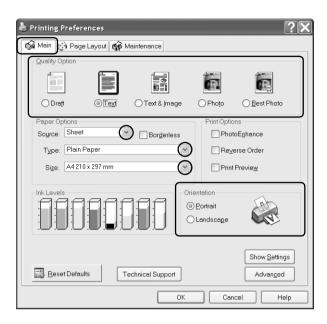
"Accessing the printer software for Windows" on page 366 $\,$

- 2. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 3. Select Sheet as the Source setting.
- 4. Make the appropriate Type setting.

"Media type settings" on page 369

5. Make the appropriate Size setting.

6. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



7. Click the Page Layout tab, select Multi-page, then select Pages Per Sheet.



8. Make the following settings for Pages Per Sheet printing.

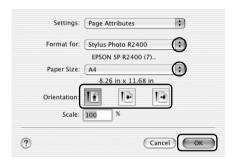
2, 4	Prints two or four pages of your document on a single piece of paper.
Print Page Borders	Prints frames around the pages printed on each sheet.
Page Order	Allows you to specify the order in which the pages will be printed on the sheet of paper. Some settings may be unavailable, depending on the Orientation setting on the Main menu.

9. Click OK to close the printer driver settings dialog box.

After finishing all of the steps above, start printing.

Driver settings for Mac OS X

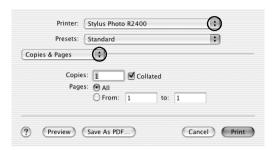
- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 2. Select Stylus Photo R2400 as the Format for setting.
- 3. Make the appropriate Paper Size and Orientation settings.
- 4. Click OK to close the Page Setup dialog box.



- 5. Open the Print dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 6. Select Stylus Photo R2400 as the Printer setting, then make the Copies & Pages setting.

Note:

The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.

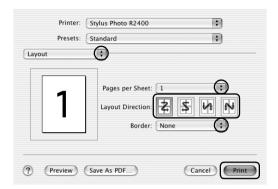


- 7. Select Layout from the pop-up menu.
- 8. Make the following settings.

Pages per Sheet	Prints multiple pages of your document on a single piece of paper. You can choose from 1, 2, 4, 6, 9, or 16.
Layout Direction	Allows you to specify the order in which the pages will be printed on the sheet of paper.
Border	Prints a border around the pages printed on each sheet. You can choose from None, Single hairline, Single thin line, Double hairline, or Double thin line.

Note:

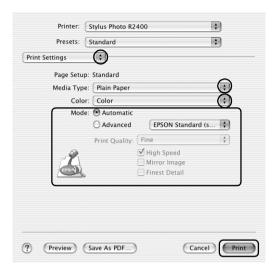
The Layout settings available are a standard feature of Mac OS X. See your operating system's documentation for details.



- 9. Select Print Settings from the pop-up menu.
- 10. Make the appropriate Media Type, Color, and Mode settings.
 - → See "Print Settings" on page 161

"Media type settings" on page 369

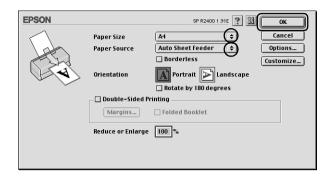
11. Click Print to start printing.



Driver settings for Mac OS 9

- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 2. Make the appropriate Paper Size setting.
- 3. Select Auto Sheet Feeder as the Paper Source.

4. Click OK to save the settings and close the Page Setup dialog box.



5. Access the Print dialog box.

"Accessing the printer software for Mac OS 9" on page 368

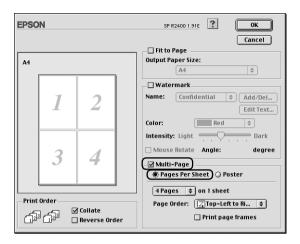
6. Make the appropriate Media Type setting.

"Media type settings" on page 369

7. Click the 🔳 Layout icon button.



8. Select the Multi-Page check box in the Layout dialog box, then select Pages per Sheet.



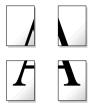
9. Make the following settings for Pages Per Sheet printing.

2 Pages, 4 Pages	Prints two or four pages of your document on a single piece of paper.
Page Order	Allows you to specify the order in which the pages will be printed on the sheet of paper. Some settings may be unavailable, depending on the Orientation setting in the Page Setup dialog box.
Print page frames	Prints frames around the pages printed on each sheet.

- 10. Click OK to save the settings and close the Layout dialog box.
- 11. Click Print to start printing.

Poster Printing

Poster printing allows you to print poster-size images by enlarging one page to cover several sheets of paper.



Note:

- \Box This feature is not available with Mac OS X.
- ☐ This feature is not available when selecting the Borderless check box on the Main menu (Windows) or in the Page Setup dialog box (Macintosh).

Driver settings for Windows

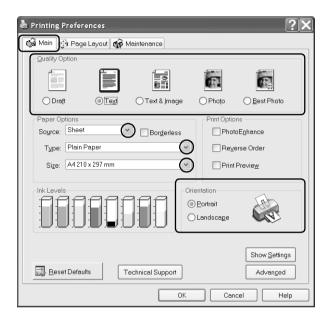
1. Access the printer driver.

"Accessing the printer software for Windows" on page 366

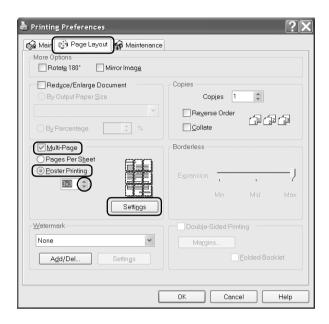
- Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 3. Select Sheet as the Source setting.
- Make the appropriate Type setting.

"Media type settings" on page 369

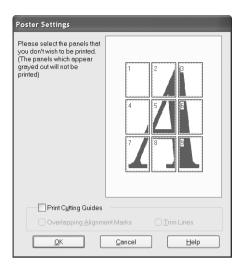
- 5. Make the appropriate Size setting.
- 6. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



7. Click the Page Layout tab and select Multi-Page, then select Poster Printing. Click the up or down arrow to select 2x2, 3x3, or 4x4.



8. Click Settings to adjust the way your poster will print. The Poster Settings dialog box opens.



9. Make the following settings.

Print Cutting Guides	Select this check box to turn the cutting guide options on.
Overlapping Alignment Marks	Slightly overlaps the panels and prints alignment markers so that the panels can be aligned more precisely.
Trim Lines	Prints border lines on the panels to guide you when trimming the pages.

Note:

If you want to print only a few of the panels without printing the entire poster, click the panels that you do not wish to print.

10. Click OK to close the Poster Settings dialog box.

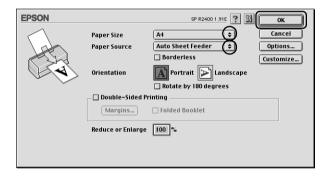
After finishing all of the steps above, start printing.

Driver settings for Mac OS 9

1. Access the Page Setup dialog box.

"Accessing the printer software for Mac OS 9" on page 368

- 2. Make the appropriate Paper Size setting.
- 3. Select Auto Sheet Feeder as the Paper Source.
- 4. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 5. Click OK to save the settings and close the Page Setup dialog box.



6. Access the Print dialog box.

"Accessing the printer software for Mac OS 9" on page 368

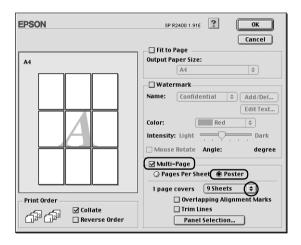
7. Make the appropriate Media Type setting.

"Media type settings" on page 369

8. Click the 🔳 Layout icon button.



9. Select the Multi-Page check box in the Layout dialog box, then select Poster.



10. Make the following settings.

1 page covers xx sheets	Specifies how many printed sheets of paper the enlarged document page will cover. You can choose from 4, 9, or 16 sheets.
Overlapping Alignment Marks	Slightly overlaps the panels and prints alignment markers so that the panels can be aligned more precisely.

Trim Lines	Prints border lines on the panels to guide you when trimming the pages.
Panel Selection	Click the panels you do not need to print, then click the OK button to print the remaining panels.

Note:

If you want to print only a few of the panels without printing the entire poster, click Panel Selection, click the panels that you do not wish to print, then click OK.

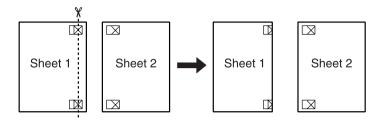
- 11. Click OK to save the settings and close the Layout dialog box.
- 12. Click Print to start printing.

How to make a poster from your printouts

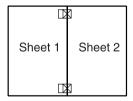
Here is an example of how to make a poster with 2x2 selected under Poster Printing and Overlapping Alignment Marks selected as the print cutting guide. Refer to the accompanying illustrations as well.

Sheet 1	Sheet 2
Sheet 3	Sheet 4

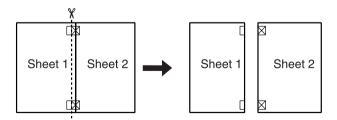
1. Cut off the margin of Sheet 1 along a vertical line through the center of the top and bottom cross marks, as shown in the illustration below.



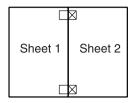
2. Place the edge of Sheet 1 on top of Sheet 2 and align the cross marks, then temporarily tape the two sheets together from the back side.



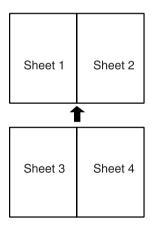
3. Cut the taped sheets in two along a vertical line through the alignment markers (this time, a line to the left of the cross marks), as shown in the illustration below.



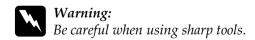
4. Align the edges of the paper together using the alignment markers and tape them from the back side of the paper.



- 5. Repeat the instructions from step 1 to step 4 to tape Sheets 3 and 4 together.
- 6. Repeat the instructions from step 1 to step 4 to tape the top and bottom faces of the paper.



7. Cut off the remaining margins.



Watermark Printing

Watermark printing allows you to print a text-based or an image-based watermark on your document.



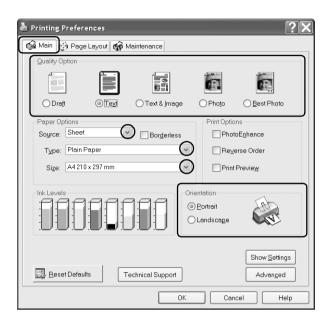
Note:

- \Box *This feature is not available with Mac OS X.*
- ☐ This feature is not available when selecting the Borderless check box on the Main menu (Windows) or in the Page Setup dialog box (Macintosh).

Printing the watermark for Windows

- 1. Access the printer driver software.
 - "Accessing the printer software for Windows" on page 366
- 2. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
 - → See "Quality Option" on page 126
- 3. Select Sheet as the Source setting.
- 4. Make the appropriate Type setting.
 - "Media type settings" on page 369

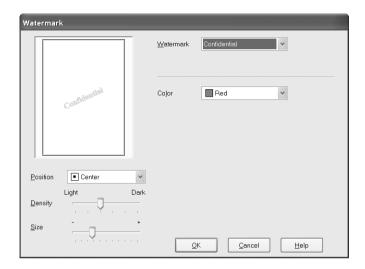
- 5. Make the appropriate Size setting.
- 6. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.



7. Click the Page Layout tab, choose the desired watermark from the Watermark list, then click Settings.



8. Specify the necessary settings for the watermark. You can change the position and size of the watermark by dragging the image within the preview window at the left of the dialog box.

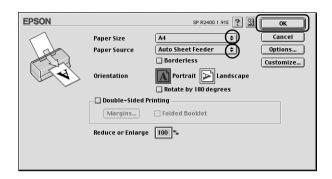


- 9. Click OK to return to the Page Layout menu.
- 10. Click OK to close the printer driver settings dialog box.
- 11. Print the data from your application.

Printing the watermark for Mac OS 9

- 1. Access the Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 2. Make the appropriate Paper Size setting.
- 3. Select Auto Sheet Feeder as the Paper Source.

- 4. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
- 5. Click OK to save the settings and close the Page Setup dialog box.



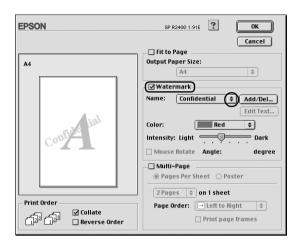
6. Access the Print dialog box.

"Accessing the printer software for Mac OS 9" on page 368

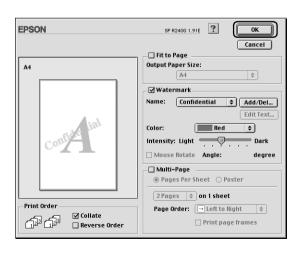
- 7. Make the appropriate Media Type setting.
 - "Media type settings" on page 369
- 8. Click the 🔳 Layout icon button.



9. Select the Watermark check box in the Layout dialog box, then choose the desired watermark from the Name list.



- 10. Specify the necessary settings for the watermark. You can change the position and size of the watermark by dragging the image within the preview window at the left of the dialog box.
- 11. Click OK to save the settings and close the Layout dialog box.



12. Click Print to start printing.

Creating your own watermark for Windows

You can add your own text-based or image-based watermarks to the watermark list.

1. Click Add/Del under Watermark on the Page Layout menu. The following dialog box appears.

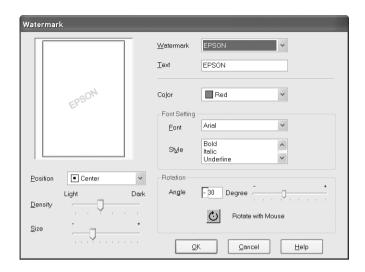


2. To use an image file as a watermark, select BMP. Click Browse to specify the bitmap file you want to use, then click OK. Type a name for your watermark in the Name text box, then click Sqve.

To create a text-based watermark, select Text. Type your text in the Text text box. The text that you enter will also be used as the watermark name. If you want to change the watermark name, type a new name in the Name text box, then click SQVe.

3. Click OK to return to the Page Layout menu.

4. Click Settings. The following dialog box appears.



- 5. Make sure that the appropriate watermark is selected in the Watermark list, then make Color, Position, Density, Size, Font, Font Style, and Angle settings. (For details, see online help.) Your settings are reflected in the display at the left of the dialog box.
- 6. When you finish making settings, click OK.

Creating your own watermark for Mac OS 9

You can add your own text-based or image-based watermarks to the watermark list.

1. Click Add/Del beside the Name list. The following dialog box appears.



2. To use an image file as a watermark, click Add PICT. Specify the desired image file, then click Open.



To create a text-based watermark, click Add Text. Type the text in the Text text box, select a font and a text style, then click OK.



3. The image file name or the watermark text appears in the Mark Name list in the Watermark dialog box. To change the name of an image watermark, select it from the list, then type a new name. When a text watermark is selected in the Name list, you can edit the text or change the font and text style by clicking Edit Text.



4. Click OK to add your watermark to the Name list in the Layout dialog box.

Printer Software Settings

For Windows

Printer software introduction

Printer driver menus

The printer software that comes with your printer includes a printer driver and printer utilities. The printer driver lets you choose from a wide variety of settings to get the best results from your printer. The printer utilities help you check the printer and keep it in top operating condition.

For details on each printer driver setting and utility, see the following.

- → See "Making settings on the Main menu" on page 125
- → See "Making settings on the Page Layout menu" on page 144
- → See "Making settings on the Maintenance menu" on page 147

Accessing the printer driver

For information on accessing the printer software, see the following.

"Accessing the printer software for Windows" on page 366

Note:

The specific features available in the printer software vary depending on the version of Windows that you are using.

Getting more information

Online help provides more information about the printer software.

→ See "Getting information through online help" on page 154

Making settings on the Main menu

You can make Quality Option, Paper Options, Print Options, Orientation, and Advanced settings, and also check the ink levels on the Main menu. Refer to the appropriate section below.

Making the Basic settings



Quality Option

You can select one of the following quality types.

Draft	For economical, high-speed printing.
Text	For medium-quality, standard text printing.
Text & Image	For high-quality, standard text and graphics printing.
Photo	For high-quality photographic printing.
Best Photo	For top-quality photographic printing.
User Defined (your unique name)	If you create custom settings and then select one of them on the Advanced menu, it will appear as an icon.

Paper Options

Source	Select Sheet to print on normal paper.
	Select Roll to print on roll paper.
	Select Manual - Roll to print single sheets fed into the rear manual feed slot.
	Select Manual - Front to print on Thick Paper fed into the front manual feed slot.
Borderless	Select this check box when you want to print without margins. With this feature, you can print to all four edges of the paper. → See "Borderless Printing" on page 66
Туре	Select the Type setting that matches the media loaded in the printer.
	The Type setting determines what other settings are available, so you should always make this setting first.
	To find out what media type you are using, find your media in the Media Type Settings list.
	"Media type settings" on page 369

Size	Select the paper size that you want to use. You can also add a custom paper size. To add your own paper size setting, see the following. "Making User Defined paper sizes for Windows" on page 372
Banner Mode	Select this mode when you want to print multi-page data continuously rather than as individual pages. When this is selected, the Save roll Paper check box is available.
Cut Sheet Mode	Select this mode when you want to print multi-page data as individual pages rather than continuously. When this is selected, the Print page frame check box is displayed.
Save Roll Paper	Select this check box when you want to save roll paper. When this is selected, the blank portion of the last page of your document is not fed through the printer.
Print page frame	Select this check box to print a line on the roll paper between pages in a multi-page document, to indicate where the paper should be cut. This feature is useful when it is unclear where the page breaks are.

Print Options

PhotoEnhance

This mode applies image correction settings specially designed for scanned or digitally captured photos.

Reverse Order

Lets you print your documents in reverse order, starting with the last page.

Print Preview

Lets you see a preview of your document before printing.

When you send a print job to the printer, the Print Preview window opens, allowing you to make changes before printing.



The Print Preview toolbar contains several icon buttons to perform the following functions.

Icon	Button name	Function
B	Drag 'n' Drop	Click this button to select and move watermarks.
9	Zoom	Click this button to enlarge or reduce the size of the previewed page.
	Fit To Screen	Click this button to scale the previewed page so that it fits the size of the window. This is convenient when you want to see the entire page at one time.
Q	Maximum Zoom	Click this button to display the previewed page at the maximum possible zoom ratio.

	Printable Area On/Off	Click this button to display or hide the borderlines which indicate the printable area. The printer cannot print anything which is outside of this area.
<u>(3</u>	Watermark	Click this button to open the Watermark dialog box, where you can add watermarks to the document and change any of the current watermark settings.
[2]	Reset Watermark Settings	Click this button to return all watermark settings to what they were when the EPSON Print Preview dialog box was first opened.
(-	Previous Page	Click this button to display the page before the one currently being previewed.
->	Next Page	Click this button to display the next page in the document.

You can also manipulate the document being previewed in the following ways:

- ☐ Select and preview individual pages.
- ☐ Reduce or enlarge the size of the preview window.
- ☐ Magnify the previewed document. Click Magnify on the View menu to open the Magnify window, which magnifies the area of the previewed document that is outlined by the red box. By dragging the red box, you can change which part of the document is magnified.
- ☐ View the individual pages that comprise a poster. The Poster window opens automatically when you send a print job while Poster Printing is selected under Multi-Page on the Page Layout menu. From this window, you can view the individual panels that make up a poster. You can also open this dialog box by clicking Poster on the View menu.

- ☐ Apply watermarks. The watermark that you select will be displayed on the previewed image.
 - → See "Watermark Printing" on page 114
- ☐ Specify which pages of the document you would like to print. To add or remove a page, click the page icon in the list at the left side of the preview window, and then add or remove it using the commands on the Print Options menu.

After you have previewed the document, click Print to print the document, or click Cancel to cancel printing.

Orientation

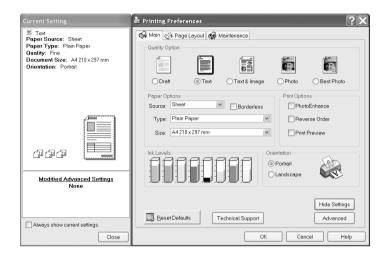
Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.

How to Buy

The How to buy button appears when an ink cartridge is finished or nearly finished. Click the How to Buy button to access the EPSON website. Choose your country from the drop-down menu, and then follow the onscreen instructions.

Show Settings

When you click Show Settings, the Current Setting window appears. To hide the window, click Hide Settings on the Main menu or Close in the Current Setting window.



Reset Defaults

Click the Reset Defaults button to return the settings to their factory default values.

Technical Support

Click the Technical Support button to access the EPSON website. Here you can find information covering a broad range of EPSON support.

Advanced

Shows the Advanced menu.

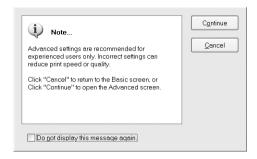
Making the Advanced settings

The settings in the Advanced dialog box give you complete control over your printing environment. Use these settings to experiment with new printing ideas or to fine-tune a range of print settings to meet your individual needs. Once you are satisfied with your new settings, you can give them a name and add them to the Custom Settings.

Note:

- ☐ Advanced settings are recommended for experienced users only. Incorrect settings can reduce print speed or quality.
- ☐ The figures in this procedure are taken from Windows XP. The Windows Me, 98, and 2000 figures may differ slightly.
- ☐ Some settings may not be available, depending on the Paper Source, Media Type, and Print Quality settings that you make.
- ☐ The PhotoEnhance feature only affects images, not text or graphs. For example, if Sepia is chosen from the Tone list (available when PhotoEnhance is selected), only the images in a document will be printed in sepia. Any colored text or graphs in the same document will be printed in color.

To open the Advanced menu, click Advanced on the Main menu. If the following Note dialog box appears, click Continue.





Paper & Quality Options

Source	Select Sheet to print on normal paper.
	Select Roll to print on roll paper.
	Select Manual - Roll to print single sheets fed into the rear manual feed slot.
	Select Manual - Front to print on thick paper fed into the front manual feed slot.
Borderless	Select this check box when you want to print without margins. With this feature, you can print to all four edges of the paper. → See "Borderless Printing" on page 66
Туре	Select the Type setting that matches the media loaded in the printer.
	To find out what media type you are using, find your media in the Media Type Settings list.
	"Media type settings" on page 369
	Note: The availability of the Print Quality setting depends on the Media Type setting. Therefore, make the Media Type setting before you set the Print Quality.
Print Quality	Select the print quality from the list.
Size	Select the paper size that you want to use. You can also add a custom paper size. To add your own paper size setting, see the following.
	"Making User Defined paper sizes for Windows" on page 372

Orientation

Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.

Reverse order	Lets you print your documents in reverse order, starting with the last page.
High Speed	Activates bidirectional printing so your printer prints both left-to-right and right-to-left. High Speed mode speeds up printing, but decreases print quality.
Grayscale	Prints your printout in grayscale.
Edge Smoothing	Improves the print quality of low-resolution images by smoothing jagged edges and lines. This setting has no effect on high-resolution images or on text.
Print Preview	Shows a preview of your document before printing.

Color Management

Color Controls

For use with the color matching and image enhancement methods provided by the printer driver. When you select Color Controls, additional settings appear under Color Management, allowing you to select a Color Mode setting and adjust the color enhancement sliders.

Gamma	To control image contrast by modifying the midtones and mid-level grays.
Color Mode	EPSON Standard: Provides output that closely matches the original data.
	EPSON Vivid: Based on your data, enhances color balance for optimum print results. This setting is recommended for most print jobs.
	Adobe RGB: Covers the full range of CMYK colors that this product can print. This setting is recommended for printing digital photos.
Slide Bars	The Color Enhancement slide bars adjust the options in a range of -25% to +25%. For details on each option, see the printer driver help.

PhotoEnhance

This mode provides a variety of image correction settings that you can apply to your photos before printing. PhotoEnhance does not affect your original data.

Note:

Printing with PhotoEnhance selected may increase the time required for printing, depending on your computer system and the amount of data contained in your image.

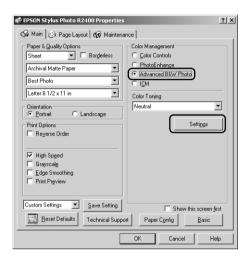
Selecting PhotoEnhance also makes the Digital Camera Correction check box available. Selecting this check box makes the Smooth Skin check box available. Use this when you are printing photos taken with a digital camera to give your printed images the smooth, natural appearance of photographs taken with a film camera.

Advanced B&W Photo

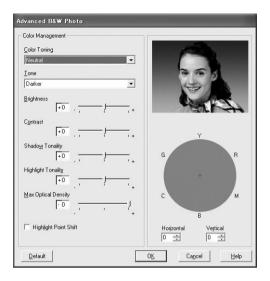
To access the Advanced B&W Photo settings dialog box, select Advanced B&W Photo as the Color Management setting, and then click Settings.

Note:

Advanced B&W Photo is available depending on the ink cartridge installed (Photo Black or Matte Black), the media type setting, and the print quality setting. For most media types, select Best Photo or Photo RPM as the print quality setting.



Here you can use the following tools to make detailed adjustments to your photos.



Color Toning

Select one of the following settings.

Neutral	Applies a standard color correction to black-and-white photos.
Cool	Applies a cool tone to your photos.
Warm	Applies a warm tone to your photos.
Sepia	Applies a sepia tone to your photos.
Fine Adjustment	This appears when you change the Tone, adjust the settings using the slide bars or the color circle, or select the Highlight Point Shift check box.

Tone

Adjusts the tone by five levels.

Light	Applies a harder tone to your photos.
Normal	Applies a hard tone to your photos.
Dark	Applies a soft tone to your photos.
Darker	Applies a softer tone to your photos.
Darkest	Applies the softest tone to your photos.

Slide Bars

The tone enhancement slide bars adjust the following options. Drag the slide bar to the right or left to adjust the settings. You can also enter a value in the boxes next to the slide bars.

Brightness	Adjusts the overall lightness and darkness within a range of -25 to +25.
Contrast	Adjusts the difference between the bright and dark parts of your image within a range of -25 to +25.
Shadow Tonality	Adjusts the shadow tonality within a range of -25 to +25.
Highlight Tonality	Adjusts the highlight tonality within a range of -25 to +25.
Max Optical Density	Adjusts the focus of the print. Create a soft focus print by setting the density to low within a range of -50 to 0.

Highlight Point Shift

Select this check box to add a little more ink to white areas to give it a glossy look.

Color Circle

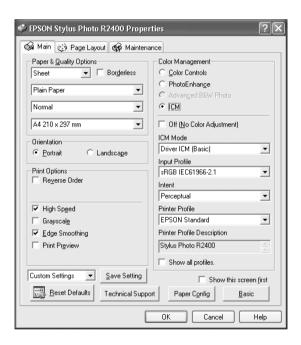
Click in the color circle to adjust the color tone of your black-and-white photo. You can also adjust the color tone by entering a value in the Horizontal and Vertical text boxes.

Default

Click the Default button to return the settings to their default values.

ICM

This setting uses the Windows color matching method to automatically adjust printout colors to match colors on your screen. Select this setting when printing scanned photographs or computer graphics.



Note:

■ Be aware that the ambient light and the age, quality, and settings of the monitor can affect the quality of your color matching.

☐ The following settings are available for Windows XP/2000 only.

Off (No Color Adjustment)	Only use this setting when you create a new color profile or if the other Mode settings do not produce satisfactory results.
	Turning this setting off by selecting Off (No Color Adjustment) is generally not recommended, because it does not allow the printer driver to enhance or adjust the color.
ICM Mode	Select the ICM mode from Host ICM, Driver ICM (Basic), or Driver ICM (Advanced).
Input Profile	Select an input profile.
	This setting is not available when Host ICM is selected as the ICM Mode setting.
Intent	Select the rendering intent or color mapping preference.
	Saturation: This setting is the best option for presentation graphics to accurately reproduce vivid colors. Use of this setting is not recommended when printing photo data.
	Perceptual: This setting renders an image's color to appear naturally, and is often used to render the wide color range of the original image. Use of this setting is recommended when printing photo data.
	Relative Colorimetric: This setting renders an image by maintaining a relative color range, and is often used when most of the color range before conversion is found in the image after conversion. Use of this setting is recommended when printing photo data.
	Absolute Colorimetric: This setting renders an image by maintaining an absolute color range so that there is a 1-to-1 ratio of absolute lab coordinates. This setting is not recommended when printing photo data and normal conversions.
Printer Profile	Select a printer profile.
Printer Profile Description	Shows the description of the selected printer profile.

Show all profiles	Shows all profiles in the Input Profile and the Printer Profile pull-down menu.
	This setting is not available when Host ICM is selected as the ICM Mode setting.

Save Settings

To save your Advanced settings in the Custom Settings list, click Save Setting. The Custom Settings dialog box appears.



Type a unique name for your settings in the Name text box, then click SQVE. The name can contain a total of up to 16 letters and numerals. You can also use up to eight, double-byte characters; however, they may not be displayed correctly on the screen depending on your operating system settings. Your custom setting will be added to the Custom Settings list on the Advanced menu. You can save up to 10 custom settings.

After saving it, the latest custom setting will be selected on the Advanced menu as well as under Quality Option on the Basic menu. To change to another custom setting, simply select it from the Custom Settings list on the Advanced menu, or click the icon with the current custom setting's name under Quality Option on the Basic menu and select the custom setting you want from the list that appears.

If you change a setting while one of your custom settings is selected in the Custom Settings list, the selection in the list returns to Custom Settings and the user-defined choice under Quality Option on the Basic menu changes to User. The custom setting that was previously selected is not affected by the change and remains in the list. To return to your custom setting, simply reselect it from the Custom Settings list on the Advanced menu, or click the User icon under Quality Option on the Basic menu and select it from the list that appears.

To delete a setting from the Custom Settings list, select it in the Custom Settings dialog box, then click Delete. If the deleted custom setting was active when deleted or if it was the only custom setting, the Custom Settings list selection returns to Custom Settings and the user-defined choice under Quality Option on the Basic menu changes to User. To activate a remaining custom setting, simply select it from the Custom Settings list on the Advanced menu, or click the User icon under Quality Option on the Basic menu and select the custom setting you want from the list that appears.

Show this screen first

Shows the Advanced menu first when accessing the Main menu in the printer software.

Reset Defaults

Click the Reset Defaults button to return the settings to their factory default values.

Technical Support

Click the Technical Support button to access the EPSON website.

Paper Configuration

Click the Paper Config button to access the Paper Configuration dialog box. Here you can make the following detailed paper settings.

Color Density

Use this to adjust the strength of color density when printing on non-EPSON media. You can adjust the density by dragging the scroll bar to the left or right, or by entering a value between -50 and 50 in the text box.

Drying Time per Print Head Pass

Use this to add a waiting time when the print head reaches the end of every pass to allow the ink to dry. You can adjust the setting by dragging the scroll bar to the left or right, or by entering a value between 0 and 50 in the text box.

Basic

Shows the Basic menu.

Making settings on the Page Layout menu



More Options

Adjust the printing data as follows.

Rotate 180°	Prints the pages rotated 180 degrees.
Mirror Image	Prints an image as it would appear in a mirror. (Text and graphics appear backwards.)

Reduce/Enlarge Document

Adjust the size of your document to fit the size page you want to print on.

→ See "Fit to Page Printing" on page 91

Copies

Select the number of copies that you want to print.

You can select from the following settings.

Reverse Order	Prints your documents in reverse order, starting with the last page.
Collate	Print one complete document set at a time.

Multi-Page

Select this check box to make the Pages Per Sheet and Poster Printing settings available.

Pages Per Sheet	Print two or four pages of your document on one sheet of paper. → See "Pages Per Sheet Printing" on page 96
Poster Printing	A single document page can be enlarged to cover 4, 9, or 16 printed sheets of paper. → See "Poster Printing" on page 105

Borderless

When the Borderless check box is selected on the Main menu, the Borderless Expansion slider becomes available. Using the slider, you can control the amount of the image that extends beyond the edges of the paper during borderless printing.

For most print jobs, selecting Max is recommended in order to eliminate margins on all sides of the paper.

Moving the slider towards Min decreases the amount of the image that extends beyond the edges of the paper; however, as this amount decreases, margins may begin to appear on one or more sides of the paper.

Watermark

You can print a text or image watermark on your printout.

→ See "Watermark Printing" on page 114

Double-Sided Printing

Two types of double-sided printing are available. Standard double-sided printing allows you to print the odd-numbered pages first. Once these pages are printed, they can be reloaded to print the even-numbered pages onto the opposite side of the paper. Folded Booklet double-sided printing allows you to make single-fold booklets.

→ See "Double-Sided Printing" on page 75

Making settings on the Maintenance menu

Epson printer utilities allow you to check the current printer status and maintain certain features of your printer from your computer.

To use the utilities, click the Maintenance tab in the printer software, then click the button for the utility that you want to use. Refer to the section below to access the printer software.

"Accessing the printer software for Windows" on page 366



Note:

- ☐ The letter in parentheses after the utility name indicates the shortcut key for that utility. After selecting the menu, press Alt and the letter on the keyboard to open that utility.
- ☐ Do not use the Nozzle Check, Head Cleaning, or Print Head Alignment utilities if your printer is connected to your computer through a network.

Refer to the appropriate section below.

Status Monitor 3

EPSON Status Monitor 3 provides you with printer status information, such as the amount of ink remaining, and checks for printer errors.

This utility is only available when both of the following conditions are met:

- ☐ The printer is connected directly to the host computer via the USB or IEEE 1394 port.
- Your system is configured to support bidirectional communication.

Auto Nozzle Check and Cleaning

Prints nozzle check pattern and automatically checks print head nozzles. If they are clogged, performs head cleaning.

→ See "Cleaning the Print Head" on page 252

Nozzle Check

The Nozzle Check utility checks the print head nozzles for clogging. Check the nozzles if you notice print quality has declined and after cleaning to confirm that the print head nozzles have been cleared. If the nozzle check indicates that the print head needs cleaning, you can access the Head Cleaning utility directly from the Nozzle Check utility.

→ See "Checking the Print Head Nozzles" on page 248

Head Cleaning

The Head Cleaning utility cleans the print head. You may need to clean the print head if you notice that print quality has declined. Use the Nozzle Check utility first to confirm that the print head needs to be cleaned. You can access the Nozzle Check utility directly from the Head Cleaning utility.

→ See "Checking the Print Head Nozzles" on page 248

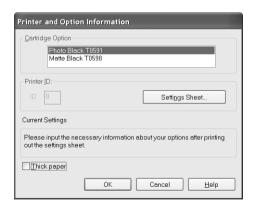
Print Head Alignment

The Print Head Alignment utility can be used to improve the print quality of your documents. The print head alignment may need to be adjusted if vertical lines appear out of alignment or if white, black, dark, or light banding appears in your documents. Use this utility to realign the print head.

→ See "Aligning the Print Head" on page 265

Printer and option information

This utility allows the printer driver to confirm printer configuration information. It also provides specific information regarding certain characteristics of the printer.



Printer Information acquisition

Depending on the configuration of your system, the information displayed in the Printer and Option Information dialog box may be updated automatically, or may need to be entered manually.

If a message appears in the Current Settings window prompting you to enter settings, or if you change the printer configuration, follow the steps below to make the necessary settings manually.

 Click Settings Sheet in the Printer and Option Information dialog box to print out information about your printer and options. A4 or Letter size paper must be loaded in your printer to use this utility. You will see a printout similar to the one below.

Printer ID 000

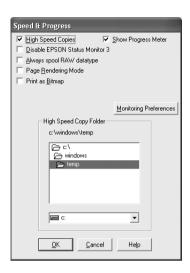
- Make sure the settings in the utility match the information on the printed Settings Sheet. If they do not match, correct the settings on the screen to match the information on the settings sheet.
- 3. Click OK to exit this menu and save your settings.

Thick paper

Adjusts the size of the gap between the platen and print head. Select this check box if your printouts are rubbed while printing.

Speed & Progress

You can make settings related to print speed and progress in this dialog box.



The following are the available settings:

Note:

The specific features available in the printer software vary depending on the printer model and version of Windows that you are using.

High Speed Copies

To print multiple copies of your document faster, select High Speed Copies. This speeds up printing by using your hard disk space as a cache when printing multiple copies of your document.

Disable EPSON Status Monitor 3

If you do not want the EPSON Status Monitor 3 to appear every time you print, select the Disable EPSON Status Monitor 3 check box.

Show Progress Meter

To display the progress meter every time you print, select Show Progress Meter.

Always spool RAW datatype (for Windows XP and 2000)

Select this check box to have Windows NT based clients spool documents using the RAW format instead of the EMF (metafile) format (Windows NT based applications use the EMF format by default).

Try using this option if documents spooled in EMF format do not print correctly.

Spooling RAW datatype requires less resources than EMF, so some problems ("Insufficient memory/disk space to print", "Slow print speed", etc.) can be solved by selecting the Always spool RAW datatype check box.

Note:

When spooling RAW datatype, print progress as displayed by the progress meter may differ from actual print progress.

Page Rendering Mode (Windows XP and 2000)

Select this checkbox when the print speed is extremely slow or when the print head stops for a few minutes while printing.

Note:

When using this function, the following problems may occur:

Print progress displayed in the Progress Meter window may diffe	er
from the actual print progress.	

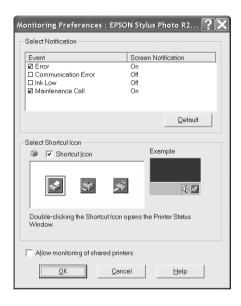
	Printing	may	take a	longer	time	to	start.
--	----------	-----	--------	--------	------	----	--------

Print as Bitmap (Windows XP and 2000)

Select this checkbox when the print speed is extremely slow or when the print head stops for a few minutes while printing. Try this option if Always spool RAW datatype and Page Rendering Mode do not solve the problem.

Monitoring Preferences

Click this button to open the Monitoring Preferences dialog box, where you can make settings for EPSON Status Monitor 3.



You can make the following settings.

Select Notification	Displays the current error notification settings. Select the check boxes of the error types for which you want to receive notification.
	Note: Click the Default button to revert all Select Notification settings to their default settings.

Select Shortcut Icon	Select the Shortcut Icon check box and choose an icon type to have a shortcut icon placed in your Windows taskbar. You can click the shortcut icon in the taskbar to open EPSON Status Monitor 3 or right-click the icon to access some of the printer utilities.
Allow monitoring of shared printers	Select this check box to allow monitoring of a shared printer by other computers.

Getting information through online help

Your printer software has an extensive online help feature that provides you with instructions on printing, making printer driver settings, and using printer utilities.

Refer to the appropriate section below.

Accessing help from your application

Choose Print or Print Setup from the File menu. Then, click Printer, Setup, Options, or Properties. (Depending on your application, you may need to click any one or a combination of these buttons.)

You can get specific help with any item on a menu by right-clicking the item, then clicking the What's This? command.

You can also view a detailed explanation of a setting or option by clicking the button on the top right of the printer driver window, then clicking the item.

Accessing help from the Windows Start menu

 For Windows XP, click Start, Control Panel, then double-click Printers and Faxes. (If the Control Panel is in Category View, click Printers and Other Hardware, then click Printers and Faxes.) For Windows Me, 98, and 2000, click Start, point to Settings, then click Printers.

2. For Windows XP and 2000, select your printer, then click Printing Preferences on the File menu.

For Windows Me and 98, select your printer, then click Properties on the File menu.

The printer software opens.

You can get specific help related to any item on a menu by right-clicking the item, then clicking the What's This? command.

You can also view a detailed explanation of a setting or option by clicking the 1 button on the top right of the printer driver window, then clicking the item.

For Mac OS X

Printer software introduction

Printer driver dialog boxes

The printer software that comes with your printer includes a printer driver and printer utilities. The printer driver lets you choose from a wide variety of settings to get the best results from your printer. The printer utilities help you check the printer and keep it in top operating condition. The following dialog boxes are available.

- → See "Page Setup Dialog Box" on page 157
- → See "Print Dialog Box" on page 159
- → See "EPSON Printer Utility" on page 170

Accessing the printer software

For information on accessing the printer software, see the following.

"Accessing the printer software for Mac OS X" on page 367

Getting more information

You can also get information by clicking the ? help button when Copies & Pages, Layout, Color Management, Extension Settings, Paper Configuration, or Summary is selected in the Print dialog box. For other settings, see your operating system's documentation.

Page Setup Dialog Box



Note:

Page Setup dialog box is a standard feature of Mac OS X. See your operating system's documentation for details.

Page Setup dialog box settings

Allows you to make the appropriate Settings, Format for, Paper Size, Orientation, and Scale settings that you want to use for printing.

Settings	Page Attributes	Displays the page setup settings.
	Custom Paper Size	Displays your custom paper size settings.
	Summary	Displays the list of current setting items.
Format for	Stylus Photo R2400	Select your printer.

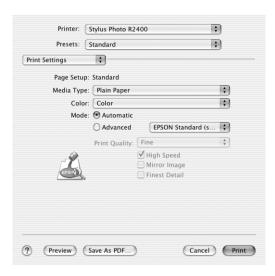
Paper Size	Manual - Front	Select this mode to print on thick paper fed into the front manual feed slot.	
	Roll Paper - Borderless Banner	Select this mode when you want to print multi-page data continuously on roll paper without margins.	
	Roll Paper - Borderless	Select this mode to print on roll paper without margins.	
	Roll Paper	Select this mode to print on roll paper with standard margins.	
	Sheet Feeder - Borderless	Select this mode to print without margins.	
	Manual - Roll	Select this mode to print single sheets of paper, fed into the rear manual feed slot, with standard margins.	
	Manual - Roll (Borderless)	Select this mode to print single sheets of paper, fed into the rear manual feed slot, without margins.	
Orientation	Select the printing orientation.		
Scale	Input the scale to reduce or enlarge the size of your data.		

→ See "Printable area" on page 335

Note:

Always match the Format for setting in the Page Setup dialog box and the Printer setting in the Print dialog box. Otherwise the data may not be printed correctly.

Print Dialog Box



Note:

Print dialog box is the standard feature of Mac OS X. See your operating system's documentation for details.

Print dialog box settings

Allows you to make the appropriate Printer and Presets settings that you want to use for printing.

Printer	Stylus Photo R2400	Select your printer.
Presets	Standard	Prints with the current settings.
	Custom	Prints with the custom saved settings.
		Note: Save Custom Setting is the standard feature of Mac OS X. See your operating system's documentation for details.

→ See "Printable area" on page 335

Note:

Always match the Format for setting in the Page Setup dialog box and the Printer setting in the Print dialog box. Otherwise the data may not be printed correctly.

Copies & Pages

Allows you to make the appropriate Copies, Collated, and Pages settings that you want to use for printing.

Note:

Copies & Pages is the standard feature of Mac OS X. See your operating system's documentation for details.

Layout

Allows you to make the appropriate Pages per Sheet, Layout Direction, and Border settings that you want to use for printing.

Note:

Layout is the standard feature of Mac OS X. See your operating system's documentation for details.

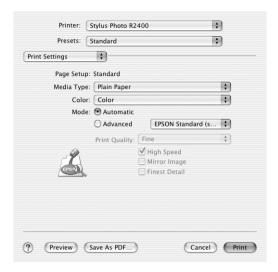
Output Options

Clear the Save as File check box when you want to print.

Note:

Output Options is the standard feature of Mac OS X. See your operating system's documentation for details.

Print Settings



Media Type

Determines what other settings are available in the Print dialog box, so you should always make this setting first. Select the Media Type setting that matched the paper that is loaded in the printer. To find what media type you are using, find your media in the Media Type Setting list.

"Media type settings" on page 369

Note:

For the latest information on available media, visit our regional customer support web site.

→ See "Contacting Customer Support" on page 379

Color	Print in color.
Advanced B&W Photo	Print photos in high quality black and white.
Black	Print in grayscale.

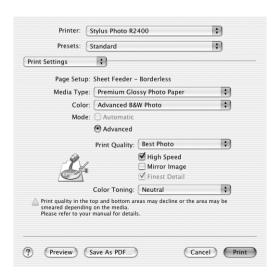
Advanced B&W Photo

To access the Advanced B&W Photo settings select Advanced B&W Photo as the Color setting. Then, from the pop-up menu, select Color Management. For more details see the following section.

Note:

Advanced B&W Photo is available depending on the ink cartridge installed (Photo Black or Matte Black), the media type setting, and the print quality setting. For most media types, select Best Photo or Photo RPM as the print quality setting.

"When Advanced B&W Photo is selected as the Color setting in Print Settings" on page 164



Automatic mode

Provides the quickest and easiest way to start printing. The printer software takes care of all detailed settings based on the current Media Type and Color settings.

Note:

Depending on the media selected in the Media Type list (while Automatic is selected), a slider appears to the right of the Mode options, which lets you choose Quality or Speed level. Select Quality when print quality is more important than speed.

Advanced mode

Selecting Advanced as the Mode setting gives you complete control over your printing environment. Use these settings to experiment with new printing ideas or to fine-tune a range of print settings to meet your individual needs.

Print Quality

Select the printing quality that you want to use for printing.

High Speed

Activates bidirectional printing so your printer prints both left-to-right and right-to-left. High Speed mode speeds up printing, but decreases print quality.

Mirror Image

Prints an image as it would appear in a mirror. Text and graphics appear reversed.

Finest Detail

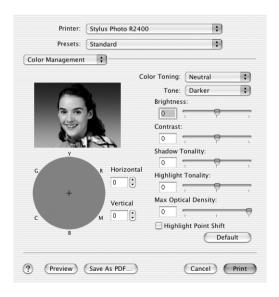
Depending on the Print Quality setting you make, you can select the Finest Detail check box to print text, solid graphics, and line art with very sharp edges. Finest Detail takes longer to print and increases your memory requirements. Also, you may not be able to print some larger images, and some patterns may not print correctly. If you experience problems printing in this mode, turn it off or add more memory.

Note:

Some settings may not be available, depending on the Media Type, Color, and Print Quality settings that you make.

When Advanced B&W Photo is selected as the Color setting in Print Settings

If you have not done so already, select Color Management from the pop-up menu. Here you can use the following tools to make detailed adjustments to your photos.



Color Toning

Select one of the following settings.

Neutral	Applies a standard color correction to black-and-white photos.
Cool	Applies a cool tone to your photos.
Warm	Applies a warm tone to your photos.
Sepia	Applies a sepia tone to your photos.
Fine Adjustment	This appears when you change the Tone, adjust the settings using the slide bars or the color circle, or select the Highlight Point Shift check box.

Tone

Adjusts the tone by five levels.

Darkest	Applies the softest tone to your photos.
Darker	Applies a softer tone to your photos.
Dark	Applies a soft tone to your photos.
Normal	Applies a hard tone to your photos.
Light	Applies a harder tone to your photos.

Slide bars

The tone enhancement slide bars adjust the following options. Drag the slide bar to the right or left to adjust the settings. You can also enter a value in the boxes next to the slide bars.

Brightness	Adjusts the overall lightness and darkness within a range of -25 to +25.
Contrast	Adjusts the difference between the bright and dark parts of your image within a range of -25 to +25.
Shadow Tonality	Adjusts the shadow tonality within a range of -25 to +25.

Highlight Tonality	Adjusts the highlight tonality within a range of -25 to +25.
Max Optical Density	Adjusts the focus of the print. Create a soft focus print by setting the density to low within a range of -50 to 0.

Highlight Point Shift

Select this check box to add a little more ink to white areas to give it a glossy look.

Color circle

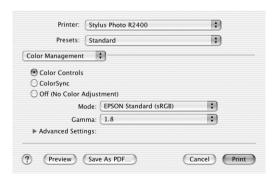
Click in the color circle to adjust the color tone of your black-and-white photo. You can also adjust the color tone by entering a value in the Horizontal and Vertical text boxes.

Default

Click the Default button to return the settings to their default values.

Color Management

Selecting Color Management from the pop-up menu gives you control over the color matching and adjustment methods provided with the printer driver. Use these settings to experiment with new printing ideas or to fine-tune a range of print settings to meet your individual needs.



Note:

The Color Management controls shown above are available when Color is selected as the Color setting in Print Settings.

Color Controls

Select this setting to use the color matching and adjustment methods provided with the printer driver.

Mode

EPSON Vivid	Based on your data, enhances color balance for optimum print results. This setting is recommended for most print jobs.
EPSON Standard (sRGB)	Provides output that closely matches the original data.
Adobe RGB	Covers the full range of CMYK colors that this product can print. This setting is recommended for printing digital photos

Gamma

To control image contrast by modifying the midtones and mid-level grays.

Slide bars

The color enhancement slide bars adjust the indicated options in a range of -25% to +25%. Drag the slide bar to the right or left with your mouse to adjust the settings. You can also type a value from -25% to +25% in the boxes next to the slide bars.

ColorSync

Automatically adjusts the printout colors to match the colors on your monitor.

Off (No Color Adjustment)

Prints without any color adjustment.

Expansion

Using the slider, you can control the amount of the image that extends beyond the edges of the paper during borderless printing.

For most print jobs, selecting Max is recommended in order to eliminate margins on all sides of the paper. Moving the slider towards Min decreases the amount of the image that extends beyond the edges of the paper; however, as this amount decreases, margins may begin to appear on one or more sides of the paper.

Extension Setting

Thick paper

Adjusts the size of the gap between the platen and the print head. Select this check box if your printouts are rubbed while printing.

Paper Configuration

Select Paper Configuration from the pop-up menu to access the Color Density and Drying Time per Print Head Pass slide bars. These allow you to make the following detailed paper settings.

Color Density

Use this to adjust the strength of color density when printing on non-EPSON media. You can adjust the density by dragging the scroll bar to the left or right, or by entering a value between -50 and 50 in the text box.

Drying Time per Print Head Pass

Use this to add a waiting time when the print head reaches the end of every pass to allow the ink to dry. You can adjust the setting by dragging the scroll bar to the left or right, or by entering a value between 0 and 50 in the text box.

Summary

Displays the list of current setting items.

Note:

Summary is the standard feature of Mac OS X. See your operating system's documentation for details.

Preview Button

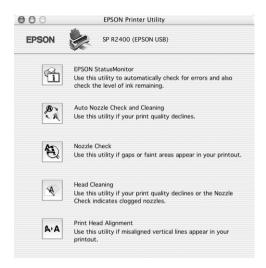
Allows you to see how your document will look before actually printing it.

Note:

Preview button is the standard feature of Mac OS X. See your operating system's documentation for details.

EPSON Printer Utility

Epson printer utility functions



Epson printer utilities allow you to check the current printer status and perform certain maintenance procedures from your computer.

EPSON StatusMonitor	Monitors the printer status. If it detects a printer error, it will inform you with an error message.
	You can also use this utility to check how much ink is remaining before printing.
	To use the EPSON StatusMonitor, click the EPSON StatusMonitor button. → See "Using EPSON StatusMonitor" on page 240
Auto Nozzle Check and Cleaning	Prints nozzle check pattern and automatically checks print head nozzles. If they are clogged, performs head cleaning. → See "Cleaning the Print Head" on page 252

Nozzle Check	Checks the print head nozzles for clogging. Check the nozzles if you notice print quality has declined and after cleaning, to confirm that the print head nozzles have been cleared. If the nozzle check indicates that the print head needs cleaning, you can access the Head Cleaning utility directly from the Nozzle Check utility. ◆ See "Checking the Print Head Nozzles" on page 248
Head Cleaning	The Head Cleaning utility cleans the print head. You may need to clean the print head if you notice print quality has declined. Use the Nozzle Check utility first to confirm that the print head needs to be cleaned. → See "Cleaning the Print Head" on page 252
Print Head Alignment	The Print Head Alignment utility can be used to improve the print quality of your documents. The print head alignment may need to be adjusted if vertical lines appear out of alignment or if white, black, dark, or light banding appears in your documents. Follow the on-screen instructions for using this utility. → See "Aligning the Print Head" on page 265

For Mac OS 9

Printer Software Introduction

Printer driver dialog box

The printer software that comes with your printer includes a printer driver and printer utilities. The printer driver lets you choose from a wide variety of settings to get the best results from your printer. The printer utilities help you check the printer and keep it in top operating condition.

The printer driver dialog boxes are listed below.

- → See "Page Setup Dialog Box" on page 173
- → See "Print Dialog Box" on page 176
- → See "Layout dialog box" on page 192
- → See "Printer utilities" on page 193

Accessing the printer driver

For information on accessing the printer software, see the following.

"Accessing the printer software for Mac OS 9" on page 368

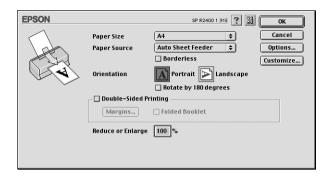
In addition to the printer software information in this guide, you can get more details by clicking the help icon in any of the dialog boxes in the printer software.

Getting more information

Online help provides more information about the printer software.

→ See "Getting information through online help" on page 195

Page Setup Dialog Box



Paper Size	Select the paper size that you want to use. You can also add a custom paper size. To add your own paper size setting, see the following. "Defining a custom paper size" on page 376
Paper Source	Select Auto Sheet Feeder to Print on normal paper.
	Select Roll Paper to print on roll paper.
	Select Manual - Front to print on thick paper fed into the front manual feed slot.
	Select Manual - Roll to print single sheets fed into the rear manual feed slot.

Borderless	Check this box when you want to print without margins.
	This feature prints to all four edges of the paper.
	Expansion button: When the Borderless check box is selected, the Expansion button becomes available. Click the Expansion button to open the Borderless Expansion dialog box, where you can control the amount of the image that extends beyond the edges of the paper during borderless printing.
	Borderless Expansion slider: Using the slider on the Borderless Expansion dialog box, you can control the amount of the image that extends beyond the edges of the paper during borderless printing.
	For most print jobs, selecting Max is recommended in order to eliminate margins on all sides of the paper. Moving the slider towards Min decreases the amount of the image that extends beyond the edges of the paper; however, as this amount decreases, margins may begin to appear on one or more sides of the paper. ⇒ See "Borderless Printing" on page 66
Orientation	Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.
	Rotate by 180 degrees: Prints the pages rotated 180 degrees.
Double-Sided Printing	Select the Double-Sided Printing check box to print on both sides of the paper. Select the Folded Booklet check box to make single-fold booklets. See "Double-Sided Printing" on page 75
Reduce or Enlarge	Use this setting to reduce or enlarge the print size of your document between 25% and 400%.

Roll Paper Option

The Roll Paper Option settings are only available when Roll Paper is selected as the Paper Source setting.

The available settings are described below.

Banner:

Select this mode when you want to print multi-page data continuously rather than as individual pages. When this is selected, the Save roll paper check box is available.

Cut sheet:

Select this mode when you want to print multi-page data as individual pages, rather than continuously. When this is selected, the Print page frame check box is available.

Save roll paper:

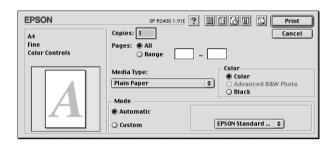
Select this check box when you want to save roll paper. When this is selected, the blank portion of the last page of your document is not fed through the printer.

Print page frame:

Select this check box to print a line on the roll paper between pages in a multi-page document, to indicate where the paper should be cut. This feature is useful when it is unclear where the page breaks should be.

Print Dialog Box

Print Dialog Box



Basic settings

Copies

Enter the number of copies that you want to print in the Copies text box.

Pages

Choose All or Range. If you select Range, enter the appropriate range of pages in the Range text boxes.

Media Type

Determines what other settings are available, so you should always make this setting first.

Select the Media Type setting that matches the paper that is loaded in the printer. To find out what media type you are using, find your media in the Media Type Settings list.

"Media type settings" on page 369

Color	Print in color.
Advanced B&W Photo	Print photos in high quality black and white.
Black	Print in grayscale.

Mode

The Mode settings give you three levels of control over the printer software, as explained below.

Automatic	Provides the quickest and easiest way to start printing. → See "Automatic mode" on page 177
Custom	Lets you choose from a list of your personalized settings suited to the kind of document that you want to print. When Custom is selected, the Advanced button is available, allowing you to access the Advanced dialog box. → See "Custom mode" on page 177

Automatic mode

When Automatic is selected, the printer software takes care of all detailed settings based on the current Media Type and Color settings.

Note:

Depending on the media selected in the Media Type list (while Automatic is selected), a slider appears to the right of the Mode options, which lets you choose Quality, Speed, or a level in between. Select Quality when print quality is more important than speed.

Custom mode

Custom Settings

You can select your personalized settings from the list.

Advanced Settings

You can create and save your own custom settings.

→ See "Advanced settings" on page 178

When you select a custom setting, other settings, such as Print Quality and Color Management, are made automatically. Changes to these settings are reflected in the display at the left side of the Print dialog box.

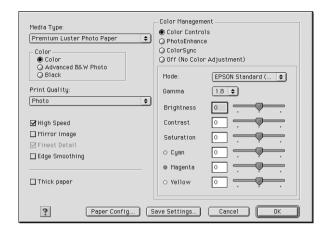
Follow the steps below to select a custom setting.

- 1. Confirm that the Media Type and Color settings in the Print dialog box are correct.
- 2. Select Custom. This makes the Custom Settings list available to the right of the Mode settings.
- 3. From the Custom Settings list, select the most appropriate setting for the type of document or image that you want to print.

Advanced settings

The settings in the Advanced dialog box give you complete control over your printing environment. Use these settings to experiment with new printing ideas or to fine-tune a range of print settings to meet your individual needs. Once you are satisfied with your new settings, you can give them a name and add them to the Custom Settings list in the Print dialog box.

To open the Advanced dialog box, select Custom and click Advanced.



Note:

- ☐ The PhotoEnhance feature only affects images, not text or graphs. For example, if Sepia is selected from the Tone list (available when PhotoEnhance is selected), only the images in a document will be printed in sepia. Any colored text or graphs in the same document will be printed in color.
- □ Some settings may not be available, depending on the Media Type, Color, and Print Quality settings that you make.

Media Type

Determines what other settings are available, so you should always make this setting first.

Select the Media Type setting that matches the paper that is loaded in the printer. To find out what media type you are using, find your media in the Media Type Settings list.

"Media type settings" on page 369

Color	Print in color.
Advanced B&W Photo	Print photos in high quality black and white.
Black	Print in grayscale.

Print Quality

Select the desired setting from the Print Quality list.

Note:

The availability of the Print Quality setting depends on the Media Type setting. Therefore, make the Media Type setting before you set the Print Quality.

High Speed

This setting activates bidirectional printing so your printer prints both left-to-right and right-to-left. High Speed mode speeds up printing, but decreases print quality.

Mirror Image

Prints an image as it would appear in a mirror. Text and graphics appear reversed.

Finest Detail

Depending on the Print Quality setting you select, you can turn on Finest Detail to print text, solid graphics, and line art with very sharp edges. Finest Quality takes longer to print and increases your memory requirements. Also, you may not be able to print some larger images, and some patterns may not print correctly. If you experience problems printing in this mode, turn it off or add more memory.

Edge Smoothing

Improves the print quality of low-resolution images by smoothing jagged edges and lines. This setting has no effect on high-resolution images or on text.

Thick paper

Adjusts the size of the gap between the platen and print head. Select this check box if your printouts are rubbed while printing.

Color Management

Color Controls

For use with the color matching and image enhancement methods provided by the printer driver. When you select Color Controls, additional settings appear under Color Management, allowing you to select a Mode setting and to adjust the color enhancement sliders.

Gamma	To control image contrast by modifying the midtones and mid-level grays.	
	Note: This option appears only when Color Controls is selected.	
Mode	EPSON Vivid: Based on your data, enhances color balance for optimum print results. This setting is recommended for most print jobs.	
	EPSON Standard (sRGB): Provides output that closely matches the original data.	
	Adobe RGB: Covers the full range of CMYK colors that this product can print. This setting is recommended for printing digital photos.	
Slide Bars	The Color Adjustment slide bars adjust the options in a range of -25% to +25%. For details on each option, see the printer driver help.	

PhotoEnhance

This mode provides a variety of image correction settings that you can apply to your photos before printing. PhotoEnhance does not affect your original data.

Note:

Printing with PhotoEnhance selected may increase the time required for printing, depending on your computer system and the amount of data contained in your image.

Tone

You can select from the following settings.

Auto Correct	Applies Epson standard tone adjustment to your photos.
Sepia	Applies a sepia tone to your photos.
Neutral Gray	Applies a standard gray to your photos.
Warm Gray	Applies a softer, warmer gray to your photos.
Cool Gray	Applies a harder, cooler gray to your photos.

Selecting PhotoEnhance also makes the Digital Camera Correction check box available. Selecting this check box makes the Smooth Skin check box available. Use this when you are printing photos taken with a digital camera to give your printed images the smooth, natural appearance of photographs taken with a film camera.

ColorSync

This mode automatically adjusts the printout colors to match the colors on your monitor. Selecting ColorSync displays the following two menus.

Profile:

Matches the printout colors to the colors displayed on your monitor according to the information stored in the selected profile. EPSON Standard is a custom-designed profile that works with your printer.

Rendering Intent:

You can select from the following settings.

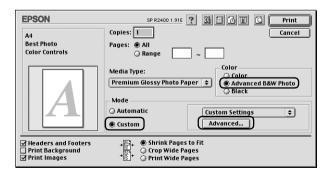
Perceptual	The most commonly used option for reproducing photographs.
Saturation	The best option for reproducing vivid images. Use this setting for presentation graphics, such as charts and graphics.
Colorimetric	The best option when exact matching of colors is most important. This mode automatically adjusts the printout colors to match the colors on your monitor. Use this setting for printouts like a company logo.

Off (No Color Adjustment)

This setting prints without any color adjustment.

Advanced B&W Photo:

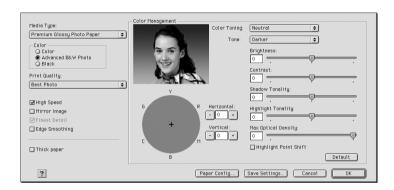
To access the Advanced B&W Photo settings, select Advanced B&W Photo as the Color setting.



Here you can use the following tools to make detailed adjustments to your photos.

Note:

Advanced B&W Photo is available depending on the ink cartridge installed (Photo Black or Matte Black), the media type setting, and the print quality setting. For most media types, select Best Photo or Photo RPM as the print quality setting.



Color Toning

Select one of the following settings.

Neutral	Applies a standard color correction to black-and-white photos.
Cool	Applies a cool tone to your photos.
Warm	Applies a warm tone to your photos.
Sepia	Applies a sepia tone to your photos.
Fine Adjustment	This appears when you change the Tone, adjust the settings using the slide bars or the color circle, or select the Highlight Point Shift check box.

Tone

Adjusts the tone by five levels.

Darkest	Applies the softest tone to your photos.
Darker	Applies a softer tone to your photos.
Dark	Applies a soft tone to your photos.
Normal	Applies a hard tone to your photos.
Light	Applies a harder tone to your photos.

Slide Bars

The tone enhancement slide bars adjust the following options. Drag the slide bar to the right or left to adjust the settings. You can also enter a value in the boxes next to the slide bars.

Brightness	Adjusts the overall lightness and darkness within a range of -25 to +25.
Contrast	Adjusts the difference between the bright and dark parts of your image within a range of -25 to +25.
Shadow Tonality	Adjusts the shadow tonality within a range of -25 to +25.
Highlight Tonality	Adjusts the highlight tonality within a range of -25 to +25.
Max Optical Density	Adjusts the focus of the print. Create a soft focus print by setting the density to low within a range of -50 to 0.

Highlight Point Shift

Select this check box to add a little more ink to white areas to give it a glossy look.

Color circle

Click in the color circle to adjust the color tone of your black-and-white photo. You can also adjust the color tone by entering a value in the Horizontal and Vertical text boxes.

Default button

Click the default button to return the settings to their default values.

Paper Config

This mode allows you to make the following detailed paper settings.

Color Density

Use this to adjust the strength of color density when printing on non-EPSON media. You can adjust the density by dragging the scroll bar to the left or right, or by entering a value between -50 and 50 in the text box.

Drying Time per Print Head Pass

Use this to add a waiting time when the print head reaches the end of every pass to allow the ink to dry. You can adjust the setting by dragging the scroll bar to the left or right, or by entering a value between 0 and 50 in the text box.

Save Settings

To save your Advanced settings in the Custom Settings list, click Save Settings in the Advanced dialog box. The Custom Settings dialog box appears.



Type a unique name for your settings in the Name text box, then click SQVe. The name can contain a total of up to 16 letters and numerals. You can also use up to eight, double-byte characters; however, they may not be displayed correctly on the screen depending on your operating system settings. Your custom setting will be added to the Custom Settings list, and the latest custom setting will be selected. You can save up to 100 custom settings.

To delete a setting from the Custom Settings list, select it in the Custom Settings dialog box and click Delete.

Using your saved settings

To use your saved settings, select Custom as the Mode setting in the Print dialog box, then select your setting in the Custom Settings list.

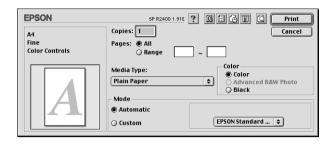
If you change the Media Type, Color, or other settings on the Advanced menu and then click OK while one of your custom settings is selected in the Custom Settings list on the Basic menu, the selection shown in the list returns to Custom Settings. The custom setting that was previously selected is not affected by the change and remains in the list. To return to your custom setting, simply reselect it from the Custom Settings list.

If you delete a custom setting that was active when deleted or if it was the only custom setting, the Custom Settings list selection on the Basic menu returns to Custom Settings. To activate a remaining custom setting, simply select it from the Custom Settings list.

Setting the print time

You can specify the time when you want the printer to begin printing your document. Follow the steps below.

1. Click the Background Printing icon button in the Print dialog box.



- 2. Make the appropriate Background Printing setting.
- 3. Select Urgent, Normal, Print at, or Hold as the Print Time setting.

If you select Print at, use the arrows beside the date and time boxes to specify the date and time when you want the document to be printed.

Note:

Make sure that the computer and printer are turned on at the date and time you specify.

4. Click OK. The Background Printing dialog box closes.



5. In the Print dialog box, make sure that your print settings are as you want them, then click Print.

Note:

You can check or change the priority of print jobs using the EPSON MonitorIV utility.

→ See "Using EPSON MonitorIV" on page 245

Previewing your printout

The Preview feature allows you to see how your document will look before actually printing it. Follow these steps to preview your document.

- 1. Make your printer driver settings.
- 2. Click the Preview icon button in the Print dialog box. The Print button changes into the Preview button.

Note:

Use the Preview icon button to cycle through the Print, Preview, and Save File modes. Click the icon button to select the mode that you want, and click the button to the right of the icon to use the mode you have selected.

→ See "Saving spool data as a file" on page 191

3. Click the Preview button. The Preview dialog box opens and displays a preview of your document.



The Preview dialog box contains several icon buttons that you can use to perform the following functions.

Icon	Button name	Function
k	Edit Watermark	Click to select, move, and resize watermarks.
Q	Zoom	Click to enlarge or reduce the size of the previewed page.
	Show/Hide Printable Area	Click to display or hide the borderlines which indicate the printable area. The printer cannot print anything that is outside of this area.
ß	Show/Hide Watermark Settings	Click to open the Watermark Edit dialog box, where you can add watermarks to the document and change any of the current watermark settings.

	Add page	Click to add or remove selected pages from the list of pages to be printed.
×	Remove page	

4. If you are satisfied with the previewed image, click Print.

If you are not satisfied with the appearance of the image, click Cancel. The Preview and Print dialog boxes close with the current print settings preserved. Open the Print dialog box again to make additional changes to the print settings.

Saving spool data as a file

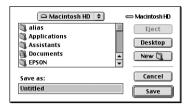
You can save spool data as a file using the Save File icon button in the Print dialog box. This feature lets you use the saved spool data to print the document at a later time simply by double-clicking the saved file. Follow the steps below.

Note:

Use the Preview icon button to cycle through the Print,
Preview, and Save File modes. Click the icon button to select the mode you want, and click the button to the right of the icon to use the mode you have selected.

- 1. Make your printer driver settings.
- 2. Click the Preview icon button in the Print dialog box repeatedly until the Print button changes into the SaveFile button.

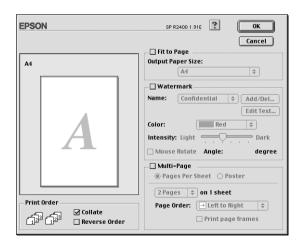
3. Click the SaveFile button. The following dialog box appears.



- 4. Select the location where you want to save the file, then type a file name in the Save As text box and click SQVO.
- 5. When you want to print the document, double-click the file to open EPSON MonitorIV, make sure that the correct document is selected, then click the Resume button to send the data to the printer.

Layout dialog box

You can modify the page layout of your document using the printer driver settings located in the Layout dialog box. To open this dialog box, click Print on the File menu of your application, then click the Layout icon button in the Print dialog box.

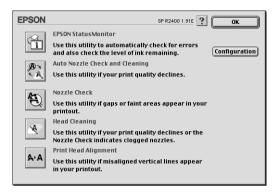


Fit to Page	Enlarges or reduces the size of the image to make it fit a selected paper size. Select the Fit to Page check box, and then select the paper size in the Output Paper Size list. → See "Fit to Page Printing" on page 91
Watermark	Prints a text or image as a watermark on your printout. → See "Watermark Printing" on page 114
Multi-Page	Allows you to choose between the Pages Per Sheet and Poster settings.
	Pages Per Sheet
	Select this setting to print two or four pages of your document on one sheet of paper. → See "Pages Per Sheet Printing" on page 96
	Poster
	A single document page can be enlarged to cover 4, 9, or 16 printed sheets of paper. Select Poster to print a poster-size image. → See "Poster Printing" on page 105
Print order	Select Collate to print one complete document set at a time. Select Reverse Order to print your documents in reverse order, starting with the last page.

Printer utilities

Epson printer utilities allow you to check the current printer status and maintain certain features of your printer from your computer.

To use the utilities, click the <u>U</u>tility icon button in the Print or Page Setup dialog box, then click the button for the utility that you want to use.



EPSON StatusMonitor	Monitors the printer status. If it detects a printer error, it will inform you with an error message.
	You can also use this utility to check how much ink is remaining before printing.
	To use the EPSON StatusMonitor, click the EPSON StatusMonitor button. → See "Using EPSON StatusMonitor" on page 242
Auto Nozzle Check and Cleaning	Prints nozzle check pattern and automatically checks print head nozzles. If they are clogged, performs head cleaning. → See "Cleaning the Print Head" on page 252
Nozzle Check	Checks the print head nozzles for clogging. Check the nozzles if you notice print quality has declined and after cleaning to confirm that the print head nozzles have been cleared. If the nozzle check indicates that the print head needs cleaning, you can access the Head Cleaning utility directly from the Nozzle Check utility. → See "Checking the Print Head Nozzles" on page 248

Head Cleaning	Cleans the print head. You may need to clean the print head if you notice print quality has declined. Use the Nozzle Check utility first to confirm that the print head needs to be cleaned. See "Cleaning the Print Head" on page 252
Print Head Alignment	The Print Head Alignment utility can be used to improve the print quality of your documents. The print head alignment may need to be adjusted if vertical lines appear out of alignment or if white, black, dark, or light banding appears in your documents. Follow the on-screen instructions for using this utility. → See "Aligning the Print Head" on page 265
Configuration	Click this button to open the Configuration dialog box, where you can change the method by which the EPSON Status Monitor utility notifies you when the printer status changes. See "Using the Configuration Settings dialog box" on page 243

Getting information through online help

Your printer software has an extensive online help feature that provides you with instructions on printing, making printer driver settings, and using the printer utilities.

To access online help, choose Print or Page Setup from the File menu of your application. Then, click the ? Help icon button.

Using Your Software

Software Information

Printer Driver (and Status Monitor 3)



The printer driver is the software that allows you to adjust printer settings. In the printer settings window, you can specify options such as paper type or paper size.

User's Guide



Your User's Guide describes your printer features and provides step-by-step instructions for using them. It also tells you how to maintain your printer, solve any problems you may encounter, and contact customer support, if necessary.

EPSON EasyPrintModule

EPSON EasyPrintModule works along with your software to provide easy access to your print settings.

EPSON Web-To-Page (For Windows Only)



EPSON Web-To-Page makes printing web pages easier by sizing them to fit your paper and giving you a preview of your printed output. You can easily select it from your Microsoft Internet Explorer toolbar after installing software.

EPSON Easy Photo Print



EPSON Easy Photo Print lets you lay out and print digital images on various kinds of paper. The step-by-step instructions in the window let you preview the printed images and get the effects you want without having to make any difficult settings.

EPSON Darkroom Print



Using EPSON Darkroom Print is like having your own darkroom. This software provides detailed layout and color settings that let you create professional looking photos.

EPSON RAW Print (For Windows XP and 2000 Only)



EPSON RAW Print lets you process, view, and print RAW data.

EPSON Creativity Suite



The EPSON Creativity Suite is a group of programs that let you scan, save, manage, edit, and print your images. Using the main program, EPSON File Manager, you can scan and save your images, and then display them in an easy-use window. From there you can print them, attach them to an e-mail message, or open them in an image-editing program.

Overview of EPSON Creativity Suite

The EPSON Creativity Suite is a group of programs that let you scan, save, manage, edit, and print your images. Using the main program, EPSON File Manager, you can display your images in an easy-use window.

From EPSON File Manager, you can select multiple images and print them, attach them to an e-mail message, or open them in a photo editing program.

Note:

When you install the software from the CD that came with your printer, all of the applications are automatically installed on your computer. For more information on installing software, see the Start Here sheet that came with your printer.

The following sections describe the applications and how to access them.

EPSON File Manager



Use EPSON File Manager to:

- ☐ Retrieve images from a scanner, digital camera, or memory card and send the files directly to the application you want to use
- ☐ View supported images as thumbnails
- ☐ View the various applications you can use as project icons in the launch area
- Search for images on your hard disk

View images as a slideshow
Retouch images

Starting EPSON File Manager

There are three ways to start EPSON File Manager:
 Double-click the EPSON File Manager icon on the desktop.
 Drag and drop images or a folder to the EPSON File Manager icon on the desktop.
 For Windows
 Click Start, point to All Programs (Windows XP) or Programs (Windows Me, 98, or 2000), point to EPSON Creativity Suite, point to File Manager, and then click EPSON File Manager.
 For Mac OS X
 Double-click the Applications folder in Macintosh HD, then double-click the EPSON folder. Next, double-click the Creativity Suite folder, File Manager folder, and finally double-click the EPSON File Manager for X icon.

Click Next when the confirmation message for Instructions is displayed. The Instructions appear.

If you check Do Not Show Next Time, the confirmation message will not be displayed the next time you start the EPSON File Manager.

For more information, select User's Guide from the Help menu in this application.

Printing Photos the Easy Way



EPSON Easy Photo Print lets you lay out and print digital images on various kinds of paper. The step-by-step instructions in the window let you preview the printed images and get the effects you want without having to make any difficult settings.

- ☐ Using the Custom Print function, you can perform one-click printing with the settings you select.
- ☐ Using layout or P.I.F. Frames, you can make calendars or greeting cards.
- ☐ If your photo files have DPOF (Digital Print Order Format) information, DPOF Print starts automatically.

Starting EPSON Easy Photo Print

There are two ways to access EPSON Easy Photo Print:

☐ Double-click the EPSON File Manager icon on the desktop, select the images to use, then click the Easy Photo Print icon in the upper part of the EPSON File Manager window.

For Windows:

Click Start, point to All Programs (Windows XP) or Programs (Windows Me, 98, or 2000), point to EPSON Creativity Suite, then click EPSON Easy Photo Print.

For Mac OS X:

Double-click the Applications folder in Macintosh HD, then double-click the EPSON folder. Next, double-click the Creativity Suite folder, Easy Photo Print folder, and finally double-click the EPSON Easy Photo Print for X icon.

For more information, select User's Guide from the Help menu in this application.

Creating Professional Looking Photos



Using EPSON Darkroom Print is like having your own darkroom. This software provides detailed layout and color settings that let you create professional looking photos. You can make subtle color adjustments by previewing and printing a sample sheet, and then choosing the best sample to print.

Starting EPSON Darkroom Print

There are two ways to access EPSON Darkroom Print.

☐ Double-click the EPSON File Manager icon on the desktop, select the images to use, then click the Advanced Photo Print icon in the upper part of the EPSON File Manager window.

□ For Windows:

Click Start, point to All Programs (Windows XP) or Programs (Windows Me, 98, or 2000), point to EPSON Creativity Suite, then click EPSON Darkroom Print.

For Mac OS X:

Double-click the Applications folder in Macintosh HD, then double-click the EPSON folder. Next, double-click the Creativity Suite folder, Darkroom Print folder, and finally double-click the EPSON Darkroom Print for X icon.

For more information, select User's Guide from the Help menu of this application.

Printing RAW format file images



EPSON RAW Print lets you print photos from a supported digital camera in the RAW file format.

Note:

This software is for Windows XP and 2000 only.

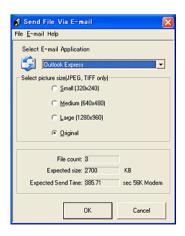
Starting EPSON RAW Print

Make sure that EPSON Easy Photo Print software in EPSON Creativity Suite is already installed. You need EPSON Easy Photo Print to use EPSON RAW Print.

Click Start, point to All Programs (Windows XP) or Programs (Windows 2000), point to EPSON RAW Print, then click EPSON RAW Print.

For more information, select User's Guide from the Help menu of this application.

Attaching Images to E-mail



Attach To Email lets you send e-mail with images. It supports various e-mail systems and allows you to resize images before attaching them.

Starting EPSON Attach to E-mail

There are two ways to access EPSON Attach to E-mail:

☐ Double-click the EPSON File Manager icon on the desktop, then click the Attach to e-mail icon in the upper part of the EPSON File Manager window.

☐ For Windows:

Click Start, point to All Programs (Windows XP) or Programs (Windows Me, 98, or 2000), point to EPSON Creativity Suite, then point to EPSON Attach To Email, and then click EPSON Attach To Email.

For Mac OS X:

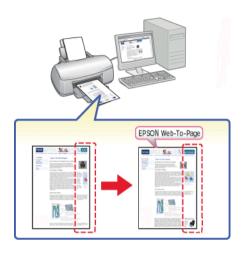
Double-click the Applications folder in Macintosh HD, then double-click the EPSON folder. Next, double-click the Creativity Suite folder, and then the Attach To Email folder. Finally double-click the EPSON Attach To Email icon.

Printing Web Pages to Fit to Your Paper Size

EPSON Web-To-Page lets you can make Web pages fit to your paper size when printing. You can also see a preview before printing.

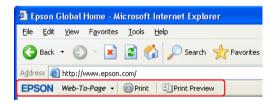
Note:

This software is for Windows only.



Accessing EPSON Web-To-Page

After you install EPSON Web-To-Page, the menu bar is displayed on the Microsoft Internet Explorer Toolbar. If it does not appear, select Toolbars from the View menu of Internet Explorer, and then select EPSON Web-To-Page.



EPSON Easy Print Module

EPSON Easy Print Module lets you make paper settings in EPSON application software. This module is automatically installed on your computer when you install the other software.

Note:

The latest version of the module can be downloaded from the EPSON web site.

Uninstalling Creativity Suite Applications

You can uninstall applications you don't need. Follow the steps below.

For Windows

Note:

- To uninstall applications in Windows XP, you must log on to a Computer Administrator account. You cannot uninstall applications if you log on as a limited user.
- ☐ To uninstall applications in Windows 2000, you must log on as a user with administrative privileges (belonging to the Administrator's group).
- 1. In Windows XP, click Start, then select Control Panel. In Windows Me, 98, or 2000, click Start, point to Settings, then select Control Panel.
- 2. Double-click the Add or Remove Programs icon.
- 3. Choose the software you want to uninstall from the list of programs.

- 4. Click Change/Remove in Windows XP or 2000, or Add/Remove in Windows Me or 98.
- 5. When the confirmation message appears, click Yes.
- 6. Follow the on-screen instructions.

For Mac OS X

Note:

- ☐ To uninstall applications you must log on to a Computer Administrator account. You cannot uninstall applications if you log on as a Limited account user.
- Depending on the application, the Installer may be separated from the Uninstaller.
- Insert the software CD into the CD-ROM drive. The EPSON software CD opens automatically.
- 2. Open the application folder to uninstall, then double-click your language folder if necessary.
- 3. Double-click the Installer or Uninstaller icon. If the Authenticate dialog box appears, enter the Password or phrase. Then follow the on-screen instructions.

Replacing Ink Cartridges

Replacing an Empty Ink Cartridge

This printer uses ink cartridges equipped with IC chips. The IC chip accurately monitors the amount of ink used by each cartridge, so even if a cartridge is removed and later reinserted, all of its ink can be used. However, some ink is consumed each time the cartridge is inserted because the printer automatically checks reliability.

You can replace an ink cartridge using the printer's control panel or using the EPSON Status Monitor utility. Refer to the appropriate section below for instructions.



Warning:

- ☐ Keep ink cartridges out of the reach of children. Do not allow children to drink from or otherwise handle the cartridges.
- Be careful when you handle the used ink cartridges, as there may be some ink around the ink supply port. If ink gets on your skin, wash the area thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.

	Caution
М	\Box Epso

- Epson recommends the use of genuine Epson ink cartridges. Other products not manufactured by Epson may cause printer damage that is not covered by Epson's warranties.
- ☐ Leave the old cartridge installed in the printer until you have obtained a replacement; otherwise, ink remaining in the print head nozzles may dry out.
- □ Do not refill the ink cartridges. The printer calculates the amount of ink remaining using an IC chip on the ink cartridge. Even if the cartridge is refilled, the amount of ink remaining will not be recalculated by the IC chip and the amount of ink available for use will not change.

Note:

- ☐ You cannot continue printing with one ink cartridge empty, even if the other cartridges still contains ink. Before printing, replace the empty cartridge.
- ☐ In addition to the ink used during document printing, ink is consumed during the print head cleaning operation, during the self-cleaning cycle (performed when the printer is turned on), and during ink charging when the ink cartridge is installed in the printer.

For more information about ink cartridges, see the section below.

→ See "When handling the ink cartridges" on page 17

Using the printer's control panel buttons

The printer's lights will inform you when it is time to obtain a replacement ink cartridge and when it is time to replace an empty cartridge.

This table describes the status of the lights on your printer and the required actions you need to take.

Lights	Action
Ö۵	Obtain a replacement light light black (T0599), light magenta (T0596), light cyan (T0595), light black (T0597), photo black (T0591), matte black (T0598), cyan (T0592), magenta (T0593), or yellow (T0594) ink cartridge.
• ٥	Replace the empty ink cartridge.

 \bullet = on, \bullet = flashing

To replace an ink cartridge using the \Diamond ink button, follow the steps below.

Note:

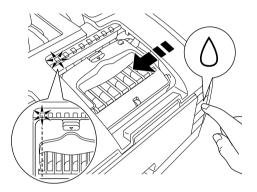
The illustrations show replacement of the light light black ink cartridge. Replace the ink cartridge appropriate to your situation.

- 1. Make sure that the printer is on. The \circlearrowleft power light should be on, but not flashing.
- 2. Open the top printer cover.

Note:

Do not replace the black (photo black/matte black) ink cartridges during printing as an ink error occurs.

3. Press the \Diamond ink button. The print head moves to the ink cartridge replacement position and the \Diamond power light begins to flash. If the ink in the cartridge is low, it is indicated by a flashing ink out light just above the ink cartridge. If the ink cartridge is empty, it is indicated by a lit ink out light just above the ink cartridge.



Note:

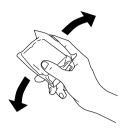
- ☐ If an ink cartridge is low, you may continue to use it until it is empty. To confirm the level of ink remaining in each cartridge, see the following.
 - → See Using EPSON Status Monitor 3 for Windows
 - → See "Using EPSON StatusMonitor" on page 242 for Macintosh
- □ *Do not press the* \(\) *ink button for more than three seconds. Otherwise the printer starts cleaning the print head.*



Caution:

Do not move the print head by hand, as this may damage the printer. Always press the \Diamond ink button to move it.

4. For best results, shake the ink cartridge four or five times before opening the package.

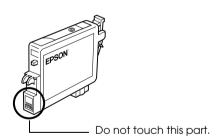


5. Remove the new ink cartridge from the package.

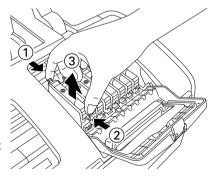


Caution:

- ☐ Be careful not to break the hooks on the side of the ink cartridge when you remove it from the package.
- □ Do not remove or tear the label on the cartridge; otherwise, ink will leak.
- Do not touch the green IC chip on the side of the cartridge. This can damage the ink cartridge.



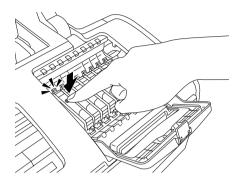
- ☐ If an ink cartridge is temporarily removed from the printer, be sure to protect the ink supply port of the ink cartridge from dirt and dust; store it in the same environment as the printer. Store ink cartridge with its label facing upward. Do not store cartridge upside down. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink supply port or surrounding area.
- Be sure to always install an ink cartridge into the printer immediately following the removal of the current ink cartridge. If the ink cartridge is not installed promptly, the print head may dry out, rendering it unable to print.
- 6. Open the cartridge cover. Pinch the ends of the ink cartridge that you want to replace.



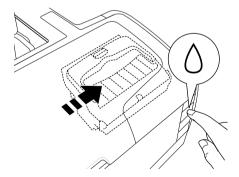
The illustration shows replacement of the light light black ink cartridge.

7. Lift the cartridge out of the printer and dispose of it properly. Do not take the used cartridge apart or try to refill it.

8. Place the new ink cartridge vertically into the cartridge holder. Then, push the ink cartridge down until it clicks into place. When you are finished replacing the cartridge, close the cartridge cover and the top printer cover.



9. Press the △ ink button. The printer moves the print head and begins charging the ink delivery system. This process takes about one minute to complete. When the ink charging process is finished, the printer returns the print head to its home position. The ὑ power light stops flashing and remains on, and the △ ink error light goes out.





The \circlearrowleft power light continues to flash while the printer performs the ink charging operation. Never turn off the printer while this light is flashing. Doing so can result in incomplete charging of ink.

Note:

If the ink end error occurs after the print head moves to its home position, the ink cartridge may not be installed properly. Press the \Diamond ink button again, and reinstall the ink cartridge until it clicks into place.

Using the EPSON Status Monitor

You can monitor the remaining ink levels from your computer and view on-screen instructions for replacing a low or empty ink cartridge using EPSON Status Monitor 3 (Windows) or EPSON StatusMonitor (Macintosh).

When an ink cartridge is low or empty, click How to in the EPSON Status Monitor window. Follow the on-screen instructions to replace the cartridge.

For more information on using EPSON Status Monitor, see the section below.

- → See "Using EPSON Status Monitor 3" on page 238 for Windows
- → See "Using EPSON StatusMonitor" on page 242 for Macintosh

Replacing an Ink Cartridge

In some circumstances, you may need to replace an ink cartridge before it is empty. If the \Diamond ink error light is flashing or is on, replace the empty ink cartridge as described in the section below.

→ See "Replacing an Empty Ink Cartridge" on page 209

To replace an ink cartridge before the \Diamond ink error light flashes or the EPSON Status Monitor notifies you that the cartridge is empty, follow the instructions in this section.

You can replace an ink cartridge using the printer's control panel.



Warning:

- ☐ Keep ink cartridges out of the reach of children. Do not allow children to drink from or otherwise handle the cartridges.
- Be careful when you handle the used ink cartridges, as there may be some ink around the ink supply port. If ink gets on your skin, wash the area thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.



Caution:

- Epson recommends the use of genuine Epson ink cartridges. Other products not manufactured by Epson may cause damage to your printer not covered by Epson's warranties.
- ☐ Leave the old cartridge installed in the printer until you have obtained a replacement; otherwise, ink remaining in the print head nozzles may dry out.
- □ Do not refill the ink cartridges. The printer calculates the amount of ink remaining using an IC chip on the ink cartridge. Even if the cartridge is refilled, the amount of ink remaining will not be recalculated by the IC chip and the amount of ink available for use will not change.

Note:

- ☐ You cannot continue printing with one ink cartridge empty, even if the other cartridge still contains ink. Before printing, replace the empty cartridge.
- ☐ In addition to the ink used during document printing, ink is consumed during the print head cleaning operation, during the self-cleaning cycle which is performed when the printer is turned on, and during ink charging when the ink cartridge is installed in the printer.

Using the printer's control panel buttons



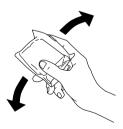
Caution:

Do not remove the cartridge from the printer until you are ready to replace it with another.

Note:

The illustrations show replacement of the light light black ink cartridge. Replace the ink cartridge appropriate to your situation.

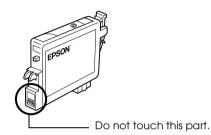
- 1. Make sure that the printer is on. The \circlearrowleft power light should be on, but not flashing.
- For best results, shake the ink cartridge four or five times before opening the package.



3. Remove the new ink cartridge from the package.

Caution:

- Be careful not to break the hooks on the side of the ink cartridge when you remove it from the package.
- □ Do not remove or tear the label on the cartridge; otherwise, ink will leak.
- □ Do not touch the green IC chip on the side of the cartridge. This can damage the ink cartridge.

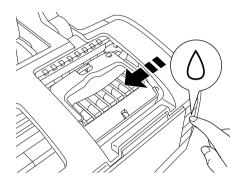


- ☐ If an ink cartridge is temporarily removed from the printer, be sure to protect the ink supply port of the ink cartridge from dirt and dust; store it in the same environment as the printer. Store ink cartridge with its label facing upward. Do not store cartridge upside down. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink supply port or surrounding area.
- ☐ Be sure to always install an ink cartridge into the printer immediately following the removal of the current ink cartridge. If the ink cartridge is not installed promptly, the print head may dry out, rendering it unable to print.
- 4. Open the top printer cover.

5. Press the ∆ ink button. The print head moves to the ink cartridge replacement position, and the ∪ power light begins to flash.

Note:

Do not press the \Diamond ink button over three seconds. Otherwise the printer starts cleaning the print head.

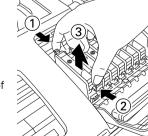




Caution:

Do not move the print head by hand, as this may damage the printer. Always press the \Diamond ink button to move it.

6. Open the cartridge cover. Pinch the sides of the ink cartridge that you want to replace, then lift the cartridge out of the printer and dispose of it properly.

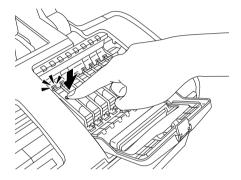


The illustration shows replacement of the light light black ink cartridge.

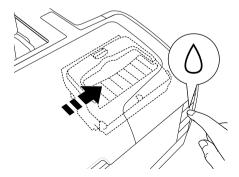


If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.

7. Place the ink cartridge vertically into the cartridge holder. Push the ink cartridge down until it clicks into place. When you are finished replacing the cartridge, close the cartridge cover and the printer cover.



8. Press the △ ink button. The print head moves, the ink delivery system begins to charge. The charging process takes about one minute to complete. When this process is finished, the print head returns to its home position and the ৺ power light stops flashing.





Caution:

The \circlearrowleft power light continues to flash while the printer performs the ink charging operation. Never turn off the printer while this light is flashing. Doing so can result in incomplete charging of ink.

Note:

If the ink end error occurs after the print head moves to its home position, the ink cartridge may not be installed properly. Press the ♦ ink button again, and reinstall the ink cartridge until it clicks into place.

Changing the Black Ink Cartridges to Suit the Paper Type

This printer uses 8 ink cartridges that are packaged with the printer. There is also an extra cartridge, the Matte Black ink cartridge, which you can use instead of the Photo Black ink cartridge for printing on thick paper. Change the ink cartridge according to your printing needs. To replace the ink cartridge, see the following section.

→ See "Replacing Ink Cartridges" on page 209.

Possible ink combination.

	Ink Setting Position (from the left)							
Recom- mended paper	1	2	3	4	5	6	7	8
Plain Paper Premium Glossy Photo Paper Premium Luster	Light Light Black	Light Ma- genta	Light Cyan	Light Black	Photo Black	Cyan	Ma- genta	Yel- low
Photo Paper Premium Semigloss								
Photo Paper Proofing Paper Semimatte								

Archival Matte Paper			Matte Black		
Matte Paper - Heavy- weight					
Double- Sided Matte Paper					
UltraS- mooth Fine Art Paper					
Plain Paper					
Photo Quality Ink Jet Paper					
Photo Quality Self Adhesive Sheet					
Watercolor Paper - Radiant White					
Velvet Fine Art Paper					

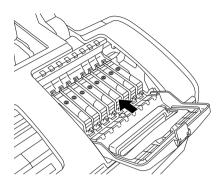
Note:

The availability of special media varies by location.

Caution:



- Do not install the ink cartridges in a combination not listed above.
- You can only change the fourth ink cartridge from the right.



Replacing an ink cartridge

Note:

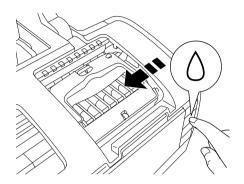
Replace the ink cartridges only when it is necessary. After replacing the ink cartridge, the printer consumes some ink from all the colors to clean the print head.

Here is how to replace the photo black ink cartridge with the matte black ink cartridge as an example.

- Make sure that the printer is on. The \circlearrowleft power light should be 1. on, but not flashing.
- 2. Open the top printer cover.
- 3. Press the \Diamond ink button. The print head moves to the ink cartridge replacement position, and the U power light begins to flash.

Note:

Do not press the \Diamond ink button over three seconds. Otherwise the printer starts cleaning the print head.





Caution:

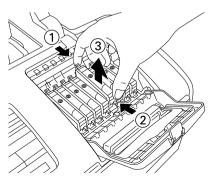
Do not move the print head by hand, as this may damage the printer. Always press the \Diamond ink button to move it.

4. Open the cartridge cover. Pinch the sides of the photo black ink cartridge, and then lift the cartridge out of the printer.

Note:

Do not replace the black (photo black or matte black) ink cartridges during printing as an ink error occurs.







Warning:

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.



Caution:

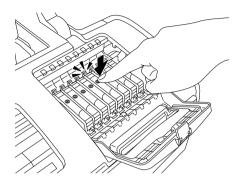
- ☐ Be careful not to break the hooks on the side of the ink cartridge when you remove it from the package.
- ☐ Do not remove or tear the label on the cartridge; otherwise, ink will leak.
- □ Do not touch the green IC chip on the side of the cartridge. This can damage the ink cartridge.



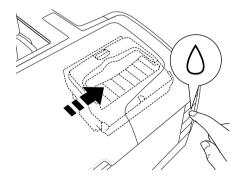
Do not touch this part.

- ☐ If an ink cartridge is temporarily removed from the printer, be sure to protect the ink supply port of the ink cartridge from dirt and dust; store it in the same environment as the printer. Store ink cartridge with its label facing upward. Do not store cartridge upside down. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink supply port or surrounding area.
- Be sure to always install an ink cartridge into the printer immediately following the removal of the current ink cartridge. If the ink cartridge is not installed promptly, the print head may dry out, rendering it unable to print.

5. Place the ink cartridge vertically into the cartridge holder. Push the ink cartridge down until it clicks into place. When you are finished replacing the cartridge, close the cartridge cover and the top printer cover.



6. Press the ∆ ink button. The print head moves and the ink delivery system begins to charge. The charging process takes about one minute to complete. When this process is finished, the print head returns to its home position and the ∪ power light stops flashing.





Caution:

The O power light continues to flash while the printer performs the ink charging operation. Never turn off the printer while this light is flashing. Doing so can result in incomplete charging of ink.

Note:

- ☐ If the ink end error occurs after the print head moves to its home position, the ink cartridge may not be installed properly. Press the ◊ ink button again, and reinstall the ink cartridge until it clicks into place.
- After changing the black ink cartridge, it takes about thirty seconds before the printer is ready to print. During this time, the printer performs an automatic head cleaning.

Setting the ink cartridge information

After replacing an ink cartridge, make sure the driver setting for the ink cartridge is correct.

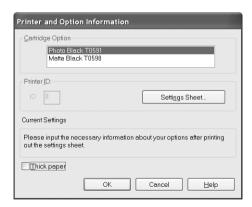
For Windows users

- 1. For Windows Me, 2000, and 98 users, click Start, point to Settings, then click Printers.
 - For Windows XP users, click Start, then click Control Panel, then click Printers and Other Hardware. Then click Printers and Faxes.
- 2. For Windows Me and 98 users, select your printer, then click Properties on the File menu. For Windows XP and 2000 users, select your printer, then click Printing Preferences on the File menu.

3. Click the Maintenance tab, then click the Printer and Option Information button.



4. Confirm if the appropriate ink cartridge is selected.



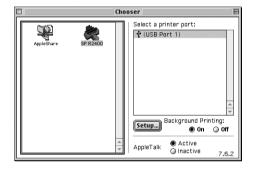
For Macintosh users

For Mac OS X

Click the EPSON Printer Utility icon in the Applications folder in the Macintosh HD. Select your printer from the printer list. Then double-click the EPSON StatusMonitor icon. Click the Update button. The driver setting for the ink cartridge is updated.

For Mac OS 9

Choose Chooser from the Apple menu and click the icon for your printer. The driver setting for the ink cartridge is updated.



Checking the Ink Supply

For Windows

You can check the amount of ink remaining in the ink cartridges using EPSON Status Monitor 3 or the progress meter. Refer to the appropriate section below for details.

EPSON Status Monitor 3

Access EPSON Status Monitor 3 in one of the following ways.

- ☐ Double-click the printer-shaped shortcut icon on your Windows taskbar. To add a shortcut icon to the taskbar, see the section below.
 - → See "Monitoring Preferences" on page 153
- Open the printer software, click the Maintenance tab, then click the Status Monitor 3 button.

A graphic displays the remaining amount of ink.



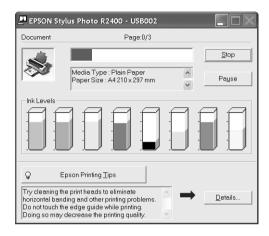
Note:

- ☐ If any of the ink cartridges installed in the printer is broken, incompatible with the printer model, or improperly installed, EPSON Status Monitor 3 will not display an accurate calculation for the amount of ink remaining in any of the ink cartridges. Be sure to replace or reinstall any ink cartridge indicated by EPSON Status Monitor 3.
- ☐ Make sure that the correct ink cartridge is displayed after replacing the photo black or matte black cartridges. If it is not displayed correctly, set the information manually. For more information see the following section.

"Setting the ink cartridge information" on page 229

Progress meter

The progress meter dialog box appears automatically when you send a print job to the printer. You can check the remaining amount of ink from this dialog box.



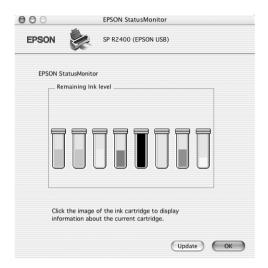
For Macintosh

You can check the amount of ink remaining in the ink cartridges using EPSON StatusMonitor. Follow the steps below.

For Mac OS X

- Double-click Macintosh HD (the default hard disk name), double-click the Applications folder, then double-click the EPSON Printer Utility icon. The Printer List window appears.
- 2. Select your printer, then click OK. The EPSON Printer Utility dialog box appears.

3. Click the EPSON StatusMonitor button. The EPSON StatusMonitor dialog box appears.



Note:

- ☐ The graphic displays the amount of ink that remained when EPSON StatusMonitor was first opened. To update the ink-level information, click Update.
- ☐ If any one of the ink cartridges that are installed in the printer is broken, incompatible to the printer model, or is installed improperly, the EPSON StatusMonitor does not display an accurate calculation for the amount of ink remaining in any of the ink cartridges. Be sure to replace or reinstall any ink cartridge when indicated by the EPSON StatusMonitor.

Make sure that the correct ink cartridge is displayed after replacing the photo black or matte black cartridges.

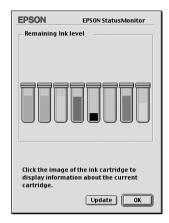
For Mac OS 9

1. Access the Print or Page Setup dialog box

"Accessing the printer software for Mac OS 9" on page 368

 Click the Utility icon button, then click the EPSON StatusMonitor button in the Utility dialog box.

A graphic displaying the remaining amount of ink appears.



Note:

- ☐ The graphic displays the amount of ink that was remaining when EPSON StatusMonitor was first opened. To update the ink-level information, click Update.
- ☐ If any one of the ink cartridges that are installed in the printer is broken, incompatible to the printer model, or is installed improperly, the EPSON StatusMonitor will not display an accurate calculation for the amount of ink remaining in any of the ink cartridges. Be sure to replace or reinstall any ink cartridge when indicated by the EPSON StatusMonitor.

Make sure that the correct ink cartridge is displayed after replacing the photo black or matte black cartridges. If it is not displayed correctly, set the information manually. For more information see the following section.

"Setting the ink cartridge information" on page 229

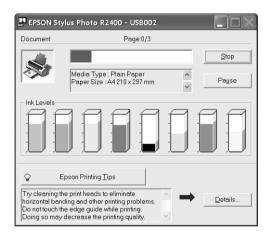
Improving Print Quality

Checking the Printer Status

For Windows

Using the progress meter

When you send a print job to the printer, the progress meter appears, as shown in the illustration below.



The progress meter indicates the progress of the current print job and provides printer status information when bidirectional communication between the printer and the computer is established. This meter also displays error messages as well as helpful tips for better printing. Refer to the appropriate section below.

Epson Printing Tips

Tips for getting the most out of your Epson printer software appear in the text box at the bottom of the progress meter window. A new tip appears every 30 seconds. For more details on the tip displayed in the window, click the Details button.



Error messages

If a problem occurs during printing, an error message appears in the text box at the top of the progress meter window. For more detailed information, click Technical Support to access the online User's Guide.

When the ink runs low or out, a How to button appears below the text box. Click How to, and EPSON Status Monitor 3 will lead you step-by-step through the cartridge replacement procedure.



Using EPSON Spool Manager

EPSON Spool Manager is similar to Windows Print Manager. If it receives two or more print jobs at one time, it holds them in the order that they were received (with printers on a network, this may be called a print queue). When a print job reaches the top of the line, EPSON Spool Manager sends the job to the printer. From the spool manager, you can view print status information about the print jobs that have been sent to your printer. You can also cancel, pause, and resume selected print jobs.

Note:

EPSON Spool Manager is not available with Windows XP and 2000.

After you send a print job, an EPSON Stylus Photo R2400 button appears on the taskbar. Click this button to open EPSON Spool Manager.



Using EPSON Status Monitor 3

EPSON Status Monitor 3 displays detailed information on the printer status.

Accessing EPSON Status Monitor 3

There are two ways to access EPSON Status Monitor 3:

- ☐ Double-click the printer-shaped shortcut icon on the Windows taskbar.
 - → See "Monitoring Preferences" on page 153

• Open the printer software, click the Maintenance tab, then click the Status Monitor 3 button.

When you access Status Monitor 3, the following window appears.



Viewing information in EPSON Status Monitor 3

EPSON Status Monitor 3 provides the following information:

☐ Current Status:

EPSON Status Monitor 3 provides you with detailed printer status information, a graphic display, and status messages. If the ink runs low or out, the How to button appears in the EPSON Status Monitor 3 window. Clicking How to displays ink cartridge replacement instructions and moves the print head to the ink cartridge replacement position.

☐ Ink Levels:

EPSON Status Monitor 3 provides a graphic display of the amount of ink remaining and an estimate of the number of pages that can be printed before ink runs out.

- ☐ Ink Cartridge Information: You can view information about the installed ink cartridges by clicking Information.
- ☐ Technical Support
 You can access the online User's Guide from
 EPSON Status Monitor 3. If you encounter a problem, click
 Technical Support in the EPSON Status Monitor 3 window.

For Mac OS X

Using EPSON StatusMonitor

EPSON StatusMonitor monitors this product. If it detects a printer error, it will inform you with an error message.

When the ink runs low or out, a How to button appears. Click How to, and EPSON StatusMonitor will lead you step by step through the ink cartridge replacement procedure.

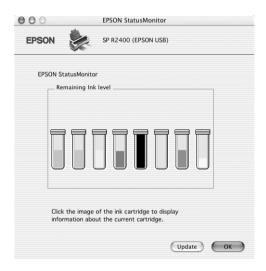


You can also use this utility to check ink levels before printing. EPSON StatusMonitor displays the amount of ink remaining at the time it was opened. To update the ink level information, click Update.

Accessing EPSON StatusMonitor

Follow the steps below to access EPSON StatusMonitor.

- 1. Access the EPSON Printer Utility dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 2. The EPSON Printer Utility dialog box appears.
- 3. Click the EPSON StatusMonitor button. The EPSON StatusMonitor dialog box appears.

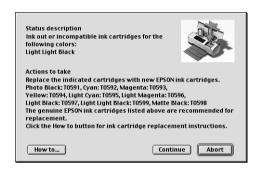


For Mac OS 9

Using EPSON StatusMonitor

EPSON StatusMonitor monitors this product. If it detects a printer error, it will inform you with an error message.

When the ink runs low or out, a How to button appears. Click How to, and EPSON StatusMonitor will lead you step by step through the ink cartridge replacement procedure.



You can also use this utility to check ink levels before printing. EPSON StatusMonitor displays the amount of ink remaining at the time it was opened. To update the ink level information, click Update.

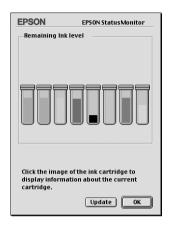
Accessing EPSON StatusMonitor

Follow the steps below to access EPSON StatusMonitor.

Access the Print dialog box.

"Accessing the printer software for Mac OS 9" on page 368

2. Click the StatusMonitor icon button, or click the Utility icon button then the EPSON StatusMonitor button in the Utility dialog box. The EPSON StatusMonitor dialog box appears.

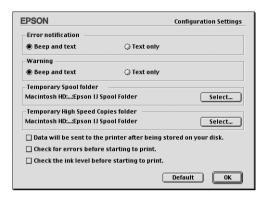


Using the Configuration Settings dialog box

To change the way that the EPSON StatusMonitor utility monitors this product, or to change the way that this product handles print jobs, follow the steps below.

- 1. Click Print or Page Setup on the File menu of your application.
- 2. Click the 🔛 Utility icon button.

3. Click Configuration. The Configuration Settings dialog box appears.



In the Configuration Settings dialog box, you can make the following settings.

Error notification	Choose the method by which EPSON StatusMonitor will notify you in case of an error.
Warning	Choose the method by which EPSON StatusMonitor will notify you if a warning message becomes necessary.
Temporary Spool folder	Specify the folder in which print data will be temporarily spooled.
Temporary High Speed Copies folder	Specify the folder in which multiple-copy print data will be temporarily stored.
Data will be sent to the printer after being stored on your disk.	Select this check box to prevent horizontal banding in printouts that contain images, by temporarily storing image data on the computer's hard drive. The computer will then send the image data to this product as a whole rather than as rectangular bands.
Check for errors before starting to print.	Select this check box to have this product check for errors before starting to print.
Check the ink level before starting to print.	Select this check box to have this product check the ink levels before starting to print.

Using EPSON MonitorIV

After you send a print job to this product, you can use the EPSON MonitorIV utility to check, cancel, or change the priority of print jobs that are queued for printing. This utility also shows the status of the job currently being printed.

Accessing EPSON MonitorIV

To access EPSON MonitorIV, follow these steps.

- 1. First, turn on Background Printing in the Chooser or in the Background Printing dialog box.
- 2. Send a print job to this product.
- 3. Select EPSON MonitorIV from the Application menu at the right end of the menu bar. The EPSON MonitorIV dialog box appears.



Note:

You can also open EPSON MonitorIV by double-clicking the EPSON MonitorIV icon in the Extensions folder.

Managing print jobs using EPSON MonitorIV

Using EPSON MonitorIV, you can manage print jobs as described below:

☐ Use the buttons below to hold, resume, and delete print jobs. Select the print job that you want to manage, and then click the appropriate button.

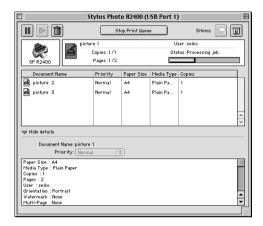
00	Hold	Pauses printing and keeps the current print job at the top of the print queue.
	Resume	Resumes printing.
	Delete	Stops printing and deletes the print job from the print queue.

- ☐ Click Stop Print Queue to stop printing. Click Start Print Queue to resume printing.
- ☐ Use the buttons below to start the printer utilities.

Print head cleaning	Starts the Print Head Cleaning utility.
StatusMonitor	Starts EPSON StatusMonitor, which displays the amount of ink remaining.

- ☐ Double-click a file in the list to preview it. (this function is disabled when you are printing the ESC/P command file.)
- ☐ Double-click Copies to change the number of copies of the selected print job that will be printed.

☐ Click the Show details arrow to open an extension (similar to the one below) at the bottom of the EPSON MonitorIV dialog box. The extension displays detailed information on the selected document's printer software settings.



Changing the priority of print jobs

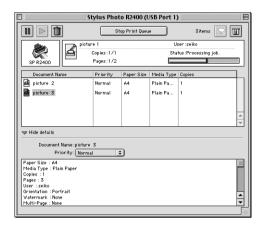
To change the priority of print jobs in a print queue, follow the steps in this section.

Note:

You can also change the priority of print jobs whose print times were previously set in the printer software's Background Printing dialog box.

1. In the Document Name column, select the print job for which you want to change the priority.

2. Click the Show details arrow to open an extension (similar to the one below) at the bottom of the EPSON MonitorIV dialog box.



3. From the Priority list, select Urgent, Normal, Hold, or Print Time.

Note:

If you select Print Time, a dialog box appears, allowing you to specify the date and time when the document will be printed. Make sure that this product and computer are turned on at the specified time.

Checking the Print Head Nozzles

If you find that the printout is unexpectedly faint or that dots are missing, you may be able to identify the problem by checking the print head nozzles.

You can check the print head nozzles from your computer using the Nozzle Check utility in the printer software or from the printer itself by using the printer's control panel buttons.

Note:

If the \Diamond ink error light is flashing, you cannot clean the print head. Replace the appropriate ink cartridge first.

Using the Nozzle Check utility

Refer to the appropriate section below to use the Nozzle Check utility.

For Windows

Follow the steps below to use the Nozzle Check utility.

1. Make sure that A4 or Letter size paper is loaded in the sheet feeder

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Nozzle Check utility.

2. Access the printer software.

"Accessing the printer software for Windows" on page 366

- 3. Click the Maintenance tab, then click the Nozzle Check button.
- 4. Follow the on-screen instructions.

For Mac OS X

Follow the steps below to use the Nozzle Check utility.

1. Make sure that A4 or Letter size paper is loaded in the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Nozzle Check utility.

- 2. Access the EPSON Printer Utility dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 3. Select your printer, then click OK in the Printer List window.
- 4. Click the Nozzle Check button in the Utility dialog box.
- 5. Follow the on-screen instructions.

For Mac OS 9

Follow the steps below to use the Nozzle Check utility.

1. Make sure that A4 or Letter size paper is loaded in the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Nozzle Check utility.

- 2. Access the Print or Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 3. Click the Utility icon button, then click the Nozzle Check button in the Utility dialog box.
- 4. Follow the on-screen instructions.

Using the control panel buttons

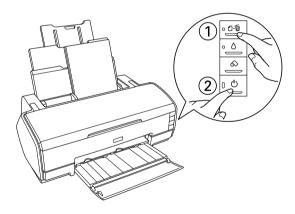
Follow the steps below to check the print head nozzles using the control panel buttons.

- 1. Turn off your printer.
- 2. Make sure that A4 or Letter size paper is loaded in the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Nozzle Check utility.

3. Hold down the 0 paper (0 in the illustration below) button and the 0 power button (0 in the illustration below) to turn on the printer.



4. Release only the \circlearrowleft power button when the printer turns on. When the nozzle check starts, release the @ paper button also.

Below are two sample nozzle check patterns.

Good sample

	£====	 	 	

Print head needs to be cleaned

 	 	+	
		+	
	 	+	
	 	J======	

The above sample is in black and white, but the actual test prints in color (CMYK).

If the nozzle check page does not print satisfactorily, there is a problem with the printer. This could be a clogged ink nozzle or a misaligned print head.

Cleaning the Print Head

If you find that the printout is unexpectedly faint or that dots are missing, you may be able to solve these problems by cleaning the print head, which ensures that the nozzles are delivering ink properly.

You can clean the print head from your computer using the Head Cleaning utility in the printer software or from the printer itself by using the printer's control panel buttons.

Note:

- ☐ Print head cleaning consumes some ink. To avoid wasting ink, clean the print head only if print quality declines; for example, if the printout is blurry or the color is incorrect or missing.
- ☐ Use the Nozzle Check utility first to confirm that the print head needs to be cleaned. This saves ink.
- ☐ When the ◊ ink error light is flashing or on, you cannot clean the print head. Replace the appropriate ink cartridge first.

Using the Auto Nozzle Check and Cleaning utility

Epson recommends using the Auto Nozzle Check and Cleaning utility which cleans the nozzles automatically.

Refer to the appropriate section below to use the Head Cleaning utility.

For Windows

Follow the steps below to clean the print head using the Auto Head Cleaning utility.

- 1. Make sure that the printer is turned on and the \Diamond ink error light is off.
- 2. Make sure that A4 or Letter size plain paper is loaded into the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Auto Nozzle Check and Cleaning utility.

3. Access the printer software.

"Accessing the printer software for Windows" on page 366

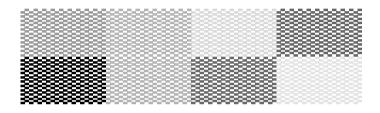
- 4. Click the Maintenance tab, then click the Auto Nozzle Check and Cleaning button.
- 5. Follow the on-screen instructions. The \circ power light flashes while the printer performs the cleaning cycle.



Caution:

Never turn off the printer while the \circlearrowleft power light is flashing. Doing so may damage the printer.

Below is a sample nozzle check pattern:



The above sample is in black and white, but the actual check pattern prints in color.

Note:

- ☐ If print quality has not improved, turn the printer off and leave it alone overnight. Then, do the nozzle check again, and repeat the head cleaning if necessary.
- ☐ If the print quality still has not improved, at least one of your ink cartridges may be old or damaged and may need to be replaced.
 - → See "Replacing an Ink Cartridge" on page 216
- ☐ If print quality remains a problem after replacing the ink cartridges, contact your dealer.
- ☐ To maintain print quality, we recommend printing a few pages at least once every month.

For Mac OS X

Follow the steps below to clean the print head using the Auto Head Cleaning utility.

- 1. Make sure that the printer is turned on and the \Diamond ink error light is off.
- 2. Make sure that A4 or Letter size plain paper is loaded into the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Auto Nozzle Check and Cleaning utility.

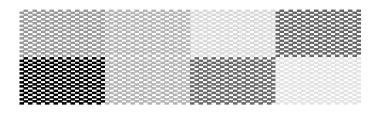
- 3. Access the EPSON Printer Utility dialog box.
 - "Accessing the printer software for Mac OS X" on page 367
- 4. Select your printer, then click OK in the Printer List window.
- 5. Click the Auto Nozzle Check and Cleaning button in the Utility dialog box.
- 6. Follow the on-screen instructions. The \circlearrowleft power light flashes while the printer performs the cleaning cycle.



Caution:

Never turn off the printer while the \circlearrowleft power light is flashing. Doing so may damage the printer.

Below is a sample nozzle check pattern:



The above sample is in black and white, but the actual check pattern prints in color.

Note:

- ☐ If print quality has not improved, turn the printer off and leave it alone overnight. Then, do the nozzle check again, and repeat the head cleaning if necessary.
- ☐ If the print quality still has not improved, at least one of your ink cartridges may be old or damaged and may need to be replaced.
 - → See "Replacing an Ink Cartridge" on page 216
- ☐ If print quality remains a problem after replacing the ink cartridges, contact your dealer.
- ☐ To maintain print quality, we recommend printing a few pages at least once every month.

For Mac OS 9

Follow the steps below to clean the print head using the Auto Nozzle Check and Cleaning utility.

- 1. Make sure that the printer is turned on and the ◊ ink error light is off.
- 2. Make sure that A4 or Letter size plain paper is loaded into the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Auto Nozzle Check and Cleaning utility.

3. Access the Print or Page Setup dialog box.

"Accessing the printer software for Mac OS 9" on page 368

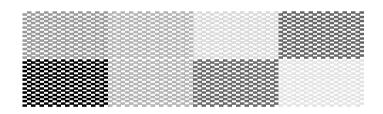
- 4. Click the Utility icon button, then click the Auto Nozzle Check and Cleaning button.
- 5. Follow the on-screen instructions. The \circ power light flashes while the printer performs the cleaning cycle.



Caution:

Never turn off the printer while the \circlearrowleft power light is flashing. Doing so may damage the printer.

Below is a sample nozzle check pattern.



The above sample is in black and white, but the actual check pattern prints in color.

Note:

- ☐ If print quality has not improved, turn the printer off and leave it alone overnight. Then, do the nozzle check again, and repeat the head cleaning if necessary.
- ☐ If the print quality still has not improved, at least one of your ink cartridges may be old or damaged and may need to be replaced.
 - → See "Replacing an Ink Cartridge" on page 216

- ☐ If print quality remains a problem after replacing the ink cartridges, contact your dealer.
- ☐ To maintain print quality, we recommend printing a few pages at least once every month.

Using the Head Cleaning utility

Refer to the appropriate section below to use the Head Cleaning utility.

For Windows

Follow the steps below to clean the print head using the Head Cleaning utility.

- 1. Make sure that the printer is turned on and the \Diamond ink error light is off.
- 2. Access the printer software.
 - "Accessing the printer software for Windows" on page 366
- 3. Click the Maintenance tab, then click the Head Cleaning button.
- 4. Follow the on-screen instructions.

The \circ power light flashes while the printer performs the cleaning cycle.



Caution:

Never turn off the printer while the \circlearrowleft power light is flashing. Doing so may damage the printer.

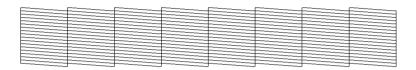
5. When the \circ power light stops flashing, load a few sheets of paper and click Print Nozzle Check Pottern in the Head Cleaning dialog box to confirm that the print head is clean.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Head Cleaning utility.

Below are two sample nozzle check patterns:

Good sample



Print head needs to be cleaned



The above sample is in black and white, but the actual check pattern prints in color.

If the nozzle check page does not print satisfactorily, you may need to repeat the head cleaning and print the nozzle check pattern again.

→ See "Cleaning the Print Head" on page 252

Note:

- ☐ If print quality has not improved after repeating this procedure four or five times, turn the printer off and leave it alone overnight. Then, do the nozzle check again, and repeat the head cleaning if necessary.
- ☐ If the print quality still has not improved, at least one of your ink cartridges may be old or damaged and may need to be replaced.
 - → See "Replacing an Ink Cartridge" on page 216

- ☐ If print quality remains a problem after replacing the ink cartridges, contact your dealer.
- ☐ To maintain print quality, we recommend printing a few pages at least once every month.

For Mac OS X

Follow the steps below to clean the print head using the Head Cleaning utility.

- 1. Make sure that the printer is turned on and the \Diamond ink error light is off.
- 2. Access the EPSON Printer Utility dialog box.

"Accessing the printer software for Mac OS X" on page 367

- 3. Select your printer, then click OK in the Printer List window.
- 4. Click the Head Cleaning button in the Utility dialog box.
- 5. Follow the on-screen instructions.

The \circlearrowleft power light flashes while the printer performs the cleaning cycle.



Caution:

Never turn off the printer while the \circlearrowleft power light is flashing. Doing so may damage the printer.

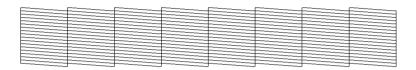
6. When the O power light stops flashing, click the Confirmation button in the Head Cleaning dialog box to print a nozzle check pattern. Use the check pattern to confirm that the print head is clean.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Head Cleaning utility.

Below are two sample nozzle check patterns.

Good sample



Print head needs to be cleaned



The above sample is in black and white, but the actual check pattern prints in color.

If the nozzle check page does not print satisfactorily, you may need to repeat the head cleaning and print the nozzle check pattern again.

→ See "Cleaning the Print Head" on page 252

Note:

- If print quality has not improved after repeating this procedure four or five times, turn the printer off and leave it alone overnight. Then, do the nozzle check again, and repeat the head cleaning if necessary.
- ☐ If the print quality still has not improved, at least one of your ink cartridges may be old or damaged and may need to be replaced.
 - → See "Replacing an Ink Cartridge" on page 216

- ☐ If print quality remains a problem after replacing the ink cartridges, contact your dealer.
- ☐ To maintain print quality, we recommend printing a few pages at least once every month.

For Mac OS 9

Follow the steps below to clean the print head using the Head Cleaning utility.

- 1. Make sure that the printer is turned on and the ◊ ink error light is off.
- 2. Access the Print or Page Setup dialog box.

"Accessing the printer software for Mac OS 9" on page 368

- 3. Click the Utility icon button, then click the Head Cleaning button.
- 4. Follow the on-screen instructions.

The \circlearrowleft power light flashes while the printer performs the cleaning cycle.



Caution:

Never turn off the printer while the \circlearrowleft power light is flashing. Doing so may damage the printer.

5. When the O power light stops flashing, click the Confirmation button in the Head Cleaning dialog box to print a nozzle check pattern. Use the check pattern to confirm that the print head is clean.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Head Cleaning utility. Below are two sample nozzle check patterns.

Good sample

	J		

Print head needs to be cleaned

		F==	 	E===	
	=====		 		=====
F=====					
		#== ====			
F==		+ =			
					
					

The above sample is in black and white, but the actual check pattern prints in color.

If the nozzle check page does not print satisfactorily, you may need to repeat the head cleaning and print the nozzle check pattern again.

→ See "Cleaning the Print Head" on page 252

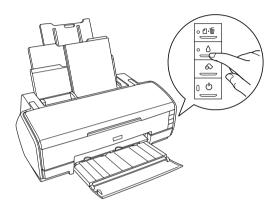
Note:

- ☐ If print quality has not improved after repeating this procedure four or five times, turn the printer off and leave it alone overnight. Then, do the nozzle check again, and repeat the head cleaning if necessary.
- ☐ If the print quality still has not improved, at least one of your ink cartridges may be old or damaged and may need to be replaced.
 - → See "Replacing an Ink Cartridge" on page 216
- ☐ If print quality remains a problem after replacing the ink cartridges, contact your dealer.
- ☐ To maintain print quality, we recommend printing a few pages at least once every month.

Using the control panel buttons

Follow the steps below to clean the print head using the control panel buttons.

1. Make sure that the \circlearrowleft power light is on and the \lozenge ink error light is off. Then, hold down the \lozenge ink button for three seconds.



The printer starts cleaning the print head and the \circlearrowleft power light begins flashing.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Head Cleaning utility.



Caution:

Never turn off the printer while the \circlearrowleft power light is flashing. Doing so may damage the printer.

- 2. When the \circlearrowleft power light stops flashing, print a nozzle check pattern to confirm that the head is clean.
 - → See "Checking the Print Head Nozzles" on page 248

- ☐ If print quality has not improved after repeating this procedure four or five times, turn the printer off and leave it alone overnight. Then, do the nozzle check again, and repeat the head cleaning if necessary.
- ☐ If the print quality still has not improved, at least one of your ink cartridges may be old or damaged and may need to be replaced.
 - → See "Replacing an Ink Cartridge" on page 216
- ☐ If print quality remains a problem after replacing the ink cartridges, contact your dealer.
- ☐ To maintain print quality, we recommend printing a few pages at least once every month.

Aligning the Print Head

If you notice a misalignment of vertical lines or horizontal banding, you may be able to solve this problem from your computer using the Print Head Alignment utility in your printer software. Epson recommends aligning the print head automatically. To align the print head automatically, select Automatic in the on-screen instruction.

Refer to the appropriate section below.

Note:

Do not press the am paper button to cancel printing while printing a test pattern with the Print Head Alignment utility.

For Windows

Follow the steps below to align the print head using the Print Head Alignment utility.

1. Make sure that three sheets of A4 size EPSON Photo Quality Ink Jet Paper are loaded into the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Print Head Alignment utility.

2. Access the printer software.

"Accessing the printer software for Windows" on page 366

- 3. Click the Maintenance tab, then click the Print Head Alignment button.
- 4. Follow the on-screen instructions to align the print head.

For Mac OS X

Follow the steps below to align the print head using the Print Head Alignment utility.

1. Make sure that three sheets of A4 size EPSON Photo Quality Ink Jet Paper are loaded into the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Print Head Alignment utility.

2. Access the EPSON Printer Utility dialog box.

"Accessing the printer software for Mac OS X" on page 367

- 3. Select your printer, then click OK in the Printer List window.
- 4. Click the Print Head Alignment button in the Utility dialog box.
- 5. Follow the on-screen instructions to align the print head.

For Mac OS 9

Follow the steps below to align the print head using the Print Head Alignment utility.

1. Make sure that three sheets of A4 size EPSON Photo Quality Ink Jet Paper are loaded into the sheet feeder.

Note:

Make sure that paper is not loaded into the front manual feed slot and the front printer cover is closed before using the Print Head Alignment utility.

- 2. Access the Print or Page Setup dialog box.
 - "Accessing the printer software for Mac OS 9" on page 368
- 3. Click the It Utility icon button, then click the Print Head Alignment button.
- 4. Follow the on-screen instructions to align the print head.

Troubleshooting

Diagnosing the Problem

Troubleshooting printer problems is best handled in two steps: first diagnose the problem, then apply likely solutions until the problem is fixed.

The information that you need to diagnose and solve most common problems is provided by online problem solving, the printer's control panel, the EPSON Status Monitor utility, or by running a printer operation check. Refer to the appropriate section below.

If you have a specific problem relating to print quality, a printout problem not related to print quality, or a paper feeding problem, or if the printer does not print at all, refer to the appropriate section in this chapter.

To solve a problem, you may need to cancel printing.

→ See "Canceling Printing" on page 296

Error indicators

You can identify many common printer problems using the lights on your printer's control panel. If your printer stops working and the lights are on or flashing, use the following table of panel light patterns to diagnose the problem, then follow the recommended corrective measures. If the status of the power light is not shown, it is on or flashing.

Lights	Problem and solution		
● 45	Paper out		
	No paper is loaded in the printer.	Load paper in the sheet feeder, and then press the at paper button. The printer resumes printing and the light goes out.	
Öan	Paper jam		
	Paper has jammed in the printer.	→ See "The paper jams" on page 283	
Ö 4 ű	Paper mismatch error		
	The print path specified by the printer driver and the path in which the paper is loaded are different.	Load paper to the path specified by the printer driver.	
	Wrong positioning of the output tray		
	The position of the output tray is wrong.	Change the position of the output tray.	

• ٥	Ink out			
• 8	An ink cartridge is empty or not installed.	Replace the light light black (T0599), light magenta (T0596), light cyan (T0595), light black (T0597), photo black (T0591), matte black (T0598), cyan (T0592), magenta (T0593), or yellow (T0594) ink cartridge with a new one. If the ink end error occurs after the print head has moved to the home position, the ink cartridge may not be installed properly. Reinstall the ink cartridge so that it clicks into place. See "Replacing an Empty Ink Cartridge" on page 209		
	Wrong cartridge			
	The currently installed ink cartridge cannot be used with this printer.	Replace the incompatible cartridge using the appropriate light light black (T0599), light magenta (T0596), light cyan (T0595), light black (T0597), photo black (T0591), matte black (T0598), cyan (T0592), magenta (T0593), or yellow (T0594) ink cartridge. See "Replacing an Ink Cartridge" on page 216		
	Incorrectly installed ink cartridge			
	An ink cartridge is not installed correctly.	If the print head is at the home position, press the 0 ink button to move the print head to the ink cartridge replacement position. Remove and reinsert the ink cartridge. Then, continue with the ink cartridge installation.		
		If the print head is at the ink cartridge replacement position, remove and reinsert the ink		

cartridge. Then, continue with ink

cartridge installation.

	The photo black or matte black cartridges were exchanged during printing.	Return the ink cartridges to their original combination before the error occurred.			
Ö ö o	Ink low				
	The ink cartridge is nearly empty.	Obtain a replacement light light black (T0599), light magenta (T0596), light cyan (T0595), light black (T0597), photo black (T0591), matte black (T0598), cyan (T0592), magenta (T0593), or yellow (T0594) ink cartridge. To determine which cartridge is nearly empty, check the ink levels using EPSON Status Monitor 3 (Windows) or EPSON Status Monitor (Macintosh).			
Ö dním Ö ∆	Carriage error				
	The print head carriage is obstructed by jammed paper or other foreign material and cannot return to the home position.	Turn off the printer. Open the printer cover and remove any paper or other obstructions from the paper path by hand. Then, turn the printer back on.			
		If the error does not clear, contact your dealer.			
<u>О Ф</u> Ö Ф	Front Printer cover open				
ÖO	Paper is loaded in the sheet feeder and the Front Printer cover is open.	Close the front printer cover.			
О О Ö Ф	Unknown printer error				
Ö A	An unknown printer error has occurred.	Turn off the printer and contact your dealer.			

lacklack = on, \bigcirc \square = off, \Dot \Dot = flashing

EPSON Status Monitor

If a problem occurs while printing, an error message will appear in the Progress Meter window.

When the ink is out, click the How To button in the EPSON Status Monitor or Progress Meter window, and EPSON Status Monitor will lead you step-by-step through the cartridge replacement procedure.

If an error message indicating that parts inside your printer are near the end of their service life appears, contact your dealer for replacement.

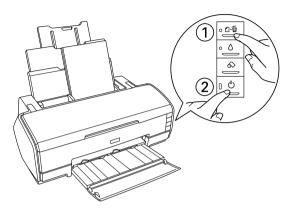
Running a printer operation check

If you are unable to determine the source of the problem, performing a printer operation check can help you determine whether the problem comes from the printer or the computer.

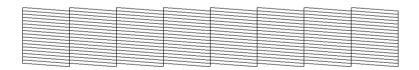
To print a printer operation check page, follow these steps.

- 1. Make sure both the printer and computer are turned off.
- 2. Disconnect the cable from the printer's interface connector.
- 3. Make sure the output tray is ejected, and the output extension tray is slid out.
- 4. Make sure that A4 or Letter size paper is loaded in the sheet feeder.

5. Hold down the the paper button and press the \circlearrowleft power button to turn on the printer. Release only the \circlearrowleft power button. After the printer starts the operation check, release the the paper button.



Compare the quality of the printed check page with the sample shown below. If there are no print quality problems, such as gaps or missing segments in the test lines, the printer itself is fine and the problem probably lies with the printer software settings, the application settings, the interface cable (be sure to use a shielded cable), or the computer itself.



The above sample may be shown in black and white, but the actual check page prints in color (CMYK).

If the check page does not print satisfactorily as shown below, there is a problem with the printer. For example, if any segment of the printed lines is missing, this could mean a clogged ink nozzle or a misaligned print head.



The above sample may be show in black and white, but the actual check pattern prints in color.

Print Quality Problems

If you are having print quality problems, try the solutions offered in this section.

Horizontal banding

- ☐ Make sure that the printable side of the paper is face up in the sheet feeder.
- ☐ Run the Head Cleaning utility to clear any clogged ink nozzles.
 - → See "Cleaning the Print Head" on page 252
- ☐ Run the Print Head Alignment utility.
 - → See "Aligning the Print Head" on page 265
- ☐ Use up ink cartridges within six months after opening their packages.
- ☐ Use the genuine Epson ink cartridges.

- ☐ Clear all customized settings, and select Text settings as the Quality Option setting on your printer's software (Windows). Clear all customized settings, and select Automatic as the Mode setting on your printer's software (Macintosh).
 - → See "Making settings on the Main menu" on page 125 (for Windows)
 - → See "Print Dialog Box" on page 176 (Mac OS 9)
 - → See "Print Dialog Box" on page 159 (Mac OS X)
- ☐ Check the ink error light. If the light is flashing, replace the appropriate ink cartridge.
 - → See "Replacing an Empty Ink Cartridge" on page 209
- ☐ Make sure that the Media Type selected in the printer software is appropriate for the type of media loaded in the printer.

"Media type settings" on page 369

Vertical misalignment or banding

- ☐ Make sure that the printable side of the paper is face up in the sheet feeder.
- ☐ Run the Head Cleaning utility to clear any clogged ink nozzles.
 - → See "Cleaning the Print Head" on page 252
- ☐ Run the Print Head Alignment utility.
 - → See "Aligning the Print Head" on page 265
- ☐ Clear the High Speed check box in your printer software's Advanced dialog box.
 - → See "Making the Advanced settings" on page 132 (Windows)
 - → See "Advanced settings" on page 178 (Mac OS 9)
 - → See "Advanced mode" on page 163 (Mac OS X)

☐ Make sure that the Media Type selected in the printer software is appropriate for the type of media loaded in the printer.

"Media type settings" on page 369

Incorrect or missing colors

- ☐ Clear the Grayscale setting in your printer software (for Windows). Change the Ink setting in your printer software to Color (For Macintosh).
 - → See "Making the Advanced settings" on page 132 (Windows)
 - → See "Color" on page 177 (Mac OS 9)
 - → See "Color" on page 162 (Mac OS X)
- Adjust the color settings in your application or in your printer software's Advanced dialog box.
 - → See "Making the Advanced settings" on page 132 (Windows)
 - → See "Advanced settings" on page 178 (Mac OS 9)
 - → See "Color Management" on page 166 (Mac OS X)
- ☐ Run the Head Cleaning utility.
 - → See "Cleaning the Print Head" on page 252

If colors are still incorrect or missing, replace the color ink cartridge. If the problem persists, replace the black ink cartridge.

- → See "Replacing an Ink Cartridge" on page 216
- ☐ If you have just replaced an ink cartridge, make sure the date on the box has not expired. Also, if you have not used the printer for a long time, replace with new ink cartridges.
 - → See "Replacing an Ink Cartridge" on page 216

Blurry or smeared printout

Make sure that you are using the appropriate printer driver for your printer.
Use only paper recommended by Epson. → See "Paper" on page 333
Use genuine Epson ink cartridges.
Make sure that the printer is on a flat, stable surface that extends beyond the printer base in all directions. The printer will not operate properly if it is tilted.
Make sure that your paper is not damaged, dirty, or too old.
Make sure that your paper is dry and that the printable side is facing up.
Clear all customized settings, and select Text settings as the Quality Option setting on your printer's software (Windows) Clear all customized settings, and select Automatic as the Mode setting on your printer's software (Macintosh). → See "Making settings on the Main menu" on page 125 (for Windows)
→ See "Print Dialog Box" on page 176 (Mac OS 9)→ See "Print Dialog Box" on page 159 (Mac OS X)
→ See "Print Dialog Box" on page 159 (Mac OS X) If the paper is curled toward the printable side, flatten it or

□ If you are printing on glossy media or transparencies, place a support sheet (or a sheet of plain paper) beneath the stack, or load only one sheet at a time.
 □ Do not touch or allow any thing to come into contact with the printed side of transparencies or paper with a shiny finish. After printing documents on transparencies or glossy media, allow the ink to set for a few hours before handling them.
 □ Run the Head Cleaning utility.
 ➡ See "Cleaning the Print Head" on page 252
 □ Run the Print Head Alignment utility.

Printout Problems Not Related to Print Quality

→ See "Aligning the Print Head" on page 265

Incorrect or garbled characters

□ Make sure that your printer and printer driver are appropriately selected.
 □ Select your printer as the default printer (Windows).
 □ Clear any stalled print jobs from the Spool Manager (Windows Me/98).
 → See "Using EPSON Spool Manager" on page 298
 □ Turn off the printer and computer. Make sure that the printer's interface cable is securely plugged in.

Incorrect margins

- ☐ Check the margin settings in your application. Make sure that the margins are within the printable area of the page.
 - → See "Paper" on page 333
- ☐ Check the settings on the Main menu (Windows) or in the Page Setup dialog box (Macintosh). Make sure the settings are appropriate for the paper size you are using.
 - → See "Making settings on the Main menu" on page 125 (Windows)
 - → See "Page Setup Dialog Box" on page 173 (Mac OS 9)
 - → See "Page Setup Dialog Box" on page 157 (Mac OS X)
- ☐ If you try to print using the Borderless feature and the printout includes margins, check your original photo data. In addition, the digital camera (data transmission equipment) may automatically add margins in order for the aspect ratio of the image to be adjusted.

Inverted image

Clear the Mirror Image check box in the printer software, or turn off the "Mirror Image" setting in your application. For instructions, see online help for the printer software or for your application.

- → See "Making settings on the Page Layout menu" on page 144 (Windows)
- → See "Advanced settings" on page 178 (Mac OS 9)
- → See "Advanced mode" on page 163 (Mac OS X)

Blank pages print

- Make sure that your printer and printer driver are appropriately selected.
- ☐ Select your printer as the default printer (Windows).

- ☐ Check the settings on the Main menu (Windows) or in the Page Setup dialog box (Macintosh). Make sure the settings are appropriate for the paper size you are using.
 - → See "Making settings on the Main menu" on page 125 (Windows)
 - → See "Page Setup Dialog Box" on page 173 (Mac OS 9)
 - → See "Page Setup Dialog Box" on page 157 (Mac OS X)
- ☐ Run the Head Cleaning utility to clear any clogged nozzles.
 - → See "Cleaning the Print Head" on page 252

After trying one or more of these solutions, run a printer operation check to check your results.

→ See "Running a printer operation check" on page 272

Printout has smears

- ☐ If the paper is curled toward the printable side, flatten it or curl it slightly in the opposite direction.
- ☐ Clear the High Speed check box in your printer software's Advanced dialog box.
 - → See "Making the Advanced settings" on page 132 (Windows)
 - → See "Advanced settings" on page 178 (Mac OS 9)
 - → See "Advanced mode" on page 163 (Mac OS X)
- ☐ Load and eject dry paper several times. If the problem persists, ink may have leaked inside the printer. In this case, wipe the inside of the printer with a soft, clean cloth.
 - → See "Cleaning the Printer" on page 322

- ☐ Select Thick paper in Printer and Option Information dialog (Windows), in Advanced dialog (Mac OS 9), or in Extension Setting dialog (Mac OS X).
 - → See "Printer and option information" on page 149 (Windows)
 - → See "Advanced settings" on page 178 (Mac OS 9)
 - → See "Extension Setting" on page 168 (Mac OS X)

Printing is too slow

Make sure that the Media Type settingin your printer
software is correct.

"Media type settings" on page 369

- ☐ Select Text as the Print Quality setting on your printer's software (Windows).
 - Select Automatic as the Mode setting in the Print dialog box, then move the slider to Speed (Macintosh).
 - → See "Quality Option" on page 126 (Windows)
 - → See "Automatic mode" on page 177 (Mac OS 9)
 - → See "Automatic mode" on page 163 (Mac OS X)
- ☐ Close any unnecessary applications.
- ☐ If you upgraded from Windows 95 to Windows 98, uninstall the printer software using Add/Remove Programs on the Control Panel, then install the software again.

If you try all of the methods above and cannot solve the problem, see the following:

→ See "Increasing the Print Speed" on page 313

Paper Does Not Feed Correctly

Paper does not feed

Re	move the stack of paper and make sure of the following:
	The paper is not curled or creased.
	The paper is not too old. See the instructions that came with the paper for more information.
	The paper is not loaded higher than the arrow mark on the left edge guide.
	The number of sheets in the paper stack does not exceed the limit specified for the media.
	"Loading capacities for Epson special media" on page 356
	Paper is not jammed inside the printer. If it is, remove the jammed paper. → See "The paper jams" on page 283
	The ink cartridges are not empty. If one is, replace the appropriate cartridge. → See "Replacing an Empty Ink Cartridge" on page 209
	Special loading instructions that came with your paper have been followed. Load the paper again.
	"Loading single sheets of paper" on page 346

Multiple pages feed

- □ Make sure that the paper stack is flush with or lower than the triangular load-limit mark on the edge guide.
 □ Make sure that the left edge guide is snug to the left edge of the paper.
 □ Make sure that the paper is not curled or folded. If so, flatten it or curl it slightly toward the opposite side before loading.
 □ Remove the stack of paper and make sure that the paper is not too thin.
 ➡ See "Paper" on page 333
 □ Fan the edges of the stack to separate the sheets, then reload the paper.
 □ If too many copies of a document are being printed, check the Copies setting on the printer software's Page Layout menu (Windows) or in the Print dialog box (Macintosh) and in your application.
 - → See "Copies" on page 145 (Windows)
 - → See "Copies" on page 176 (Macintosh)
 - → See "Copies & Pages" on page 160 (Mac OS X)

The paper jams

If the paper jams when you are printing from the sheet feeder, press the for paper button to eject the jammed paper. If the error does not clear, follow the steps below.

- 1. Turn off the printer.
- 2. If the output tray is closed, open the output tray extension and slide out the output tray.

3. Remove the jammed paper from the output path.

If the jammed paper cannot be removed in this step, proceed to the next step.

4. Open the top printer cover, and remove the jammed paper gently.



Caution:

Do not pull the paper forcibly. Doing so may damage your printer.

If the jammed paper cannot be removed in this step, proceed to the next step.

5. Gently remove the jammed paper from the sheet feeder.



Caution:

Do not pull the paper forcibly. Doing so may damage your printer.

6. After removing the jammed paper, slide the output tray back in.

Note:

If you cannot remove a foreign object easily by yourself, do not use force and do not disassemble the printer. Call your dealer for assistance.

If your paper jams frequently, make sure of the following:

The paper is smooth, not curled or wrinkled.
The paper is of high quality.
The printable side of the paper is face up in the sheet feeder.
The paper stack was fanned before loading.
The paper is not loaded above the arrow on the left edge

guide.

The number of sheets in the paper stack does not exceed the limit specified for that media.
"Loading capacities for Epson special media" on page 356
The left edge guide is adjusted to fit your paper.
The printer is on a flat, stable surface that extends beyond the printer base in all directions. The printer will not operate properly if it is tilted.

Paper improperly loaded

If you have loaded the paper too far into the printer, the printer cannot feed the paper correctly. Turn the printer off and gently remove the paper. Then turn the printer on and reload the paper properly.

Paper is not ejected fully or is wrinkled

- ☐ If the paper does not eject fully, press the △ paper button, then open the top printer cover and remove the paper. Also, check the Paper Size setting in your application or printer software.
 - → See "Making settings on the Main menu" on page 125 (Windows)
 - → See "Page Setup Dialog Box" on page 173 (Mac OS 9)
 - → See "Page Setup Dialog Box" on page 157 (Mac OS X)
- ☐ If the paper is wrinkled when it comes out, it may be damp or too thin. Load a new stack.

Note:

Store any unused paper in its original packaging in a dry area.

Thick Paper is ejected when sending a thick paper print job

If the thick paper is ejected when you send a thick paper print job to the printer, it means that the printer is not ready. When a message stating that the printer is ready appears on the screen, reload the thick paper, and then press the 46 paper button.

Thick Paper does not eject properly after a thick paper print job is finished

Follow the instructions below.

- 1. Gently remove the thick paper.
- 2. Press the dipaper button.

Printer Does Not Print

All lights are off

- \Box Press the \circlearrowleft power button to make sure that the printer is on.
- ☐ Turn off the printer and make sure that the power cord is securely plugged in.
- ☐ Make sure that your outlet works and is not controlled by a wall switch or timer.

Lights came on and then went out

The printer's voltage may not match the outlet rating. Turn off the printer and unplug it immediately. Then, check the printer labels.



Caution:

If the voltage does not match, DO NOT PLUG YOUR PRINTER BACK IN. Contact your dealer.

Only the power light is on

Turn off the printer and computer. Make sure that the printer's interface cable is securely plugged in.
Make sure that there is no packing material in the printer.
Turn off the printer and the computer, disconnect the printer's interface cable, then print an operation check page. → See "Running a printer operation check" on page 272
If the check page prints correctly, make sure that the printer software and your application are installed correctly.
If you are trying to print a large image, your computer may not have enough memory to print. Try printing a smaller image.
Clear any stalled print jobs from the Spool Manager (Windows Me/98). Users of Windows Me and 98 can clear any stalled print jobs from the spool manager. → See "Using EPSON Spool Manager" on page 298
If the printer sounds like it is trying to print, but is unable to, run the Head Cleaning utility. → See "Cleaning the Print Head" on page 252
If this does not work, replace the ink cartridges. → See "Replacing an Ink Cartridge" on page 216

The error light is flashing or on

Check EPSON Status Monitor 3 (Windows) or EPSON StatusMonitor (Macintosh) to find the cause of the error, then try one or more of these solutions:

- ☐ If the ♣ paper out light is on and there is no paper in the printer, load paper into the sheet feeder.
- ☐ If the \Diamond ink error light is flashing, the ink supply is low. Obtain a replacement cartridge of the appropriate type.
 - → See "Replacing an Ink Cartridge" on page 216
- \Box If the \Diamond ink error light is on, the ink cartridge is empty. Replace the appropriate ink cartridge.
 - → See "Replacing an Empty Ink Cartridge" on page 209

Error light is on and power light is flashing

Follow the steps below.

- 1. Press the 🗗 paper button, then remove any paper in the printer.
- 2. Turn the printer off. Check for and remove any foreign objects or pieces of paper from inside the printer. Also make sure that there is sufficient space around the vent on the back of the printer to allow proper ventilation. Remove any objects blocking the vent. Then, turn the printer back on.

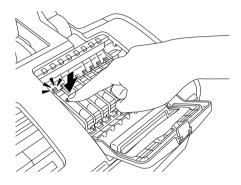
Note:

If you cannot remove a foreign object easily by yourself, do not use force and do not disassemble the printer. Call your dealer for assistance.

3. If the error does not clear, contact your dealer.

Print Head Carriage Problem

If the carriage cover does not close or the print head carriage does not move to its home position, open the carriage cover and push the ink cartridges down until they click into place.



Correcting USB Problems

USB connections

USB cables or connections can sometimes be the source of USB problems.

For best results, you should connect the printer directly to the computer's USB port. If you must use multiple USB hubs, we recommend that you connect the printer to the first-tier hub.

Windows operating systems

Your computer must be a model pre-installed with Windows Me, 98, XP, or 2000, a model that was pre-installed with Windows 98 and upgraded to Windows Me, or a model that was pre-installed with Windows Me, 98, or 2000 and upgraded to Windows XP. You may not be able to install or run the USB printer driver on a computer that does not meet these specifications or that is not equipped with a built-in USB port.

For details about your computer, contact your dealer.

Printer software installation

Incorrect or incomplete software installation can lead to USB problems. Take note of the following and perform the recommended checks to ensure proper installation.

Checking printer software installation for Windows XP and 2000

When using Windows XP or 2000, you must follow the steps in the *Start Here* sheet packed with the printer to install the printer software. Otherwise, Microsoft's Universal driver may be installed instead. To check if the Universal driver has been installed follow the steps below.

- Open the Printers folder and right-click the icon for your printer.
- 2. Click Printing Preference on the shortcut menu that appears, and then right-click anywhere in the driver.

If About is displayed in the shortcut menu that appears, click it. If a message box with the words "Unidry Printer Driver" appears, you must reinstall the printer software as described in the *Start Here* sheet. If About is not displayed, the printer software has been installed correctly.

Note:

If the Digital Signature Not found dialog box (Windows 2000) or Software Installation dialog box (Windows XP) appears during the installation process, click Yes (Windows 2000) or Continue Anyway (Windows XP). If you click No (Windows 2000) or STOP Installation (Windows XP), you will have to install the printer software again.

Checking printer software in Windows Me and 98

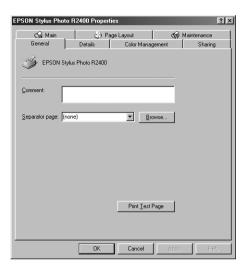
If you canceled the plug-and-play driver installation in Windows Me or 98 before the procedure was complete, the USB printer device driver or the printer software may be incorrectly installed. Follow the directions below to ensure that the driver and printer software are installed correctly.

Note:

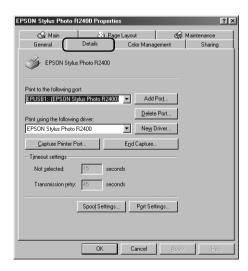
The screen captures shown in this section are taken from Windows 98. Windows Me screens may differ slightly.

1. Click the Start button, point to Settings, and then click Printers. Make sure that the icon for your printer appears in the Printers window.

Select the icon for your printer, and then click Properties on the File menu.



2. Click the Details tab.

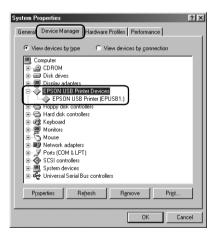


If EPUSBX: (EPSON Stylus Photo R2400) is displayed in the Print to the following port list, then the USB printer device driver and printer software are installed correctly. If the correct port is not displayed, proceed to the next step.



- 3. Right-click the My Computer icon on your desktop, and then click Properties.
- 4. Click the Device Manager tab.

If your drivers are correctly installed, EPSON USB Printer Devices should appear on the Device Manager menu.



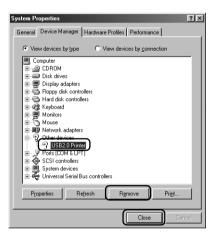
If EPSON USB Printer Devices does not appear on the Device Manager menu, click the plus (+) sign beside Other devices to view the installed devices.



If USB Printer or EPSON Stylus Photo R2400 appears under Other devices, the printer software is not installed correctly. Proceed to step 5.

If neither USB Printer nor EPSON Stylus Photo R2400 appears under Other devices, click Refresh or unplug the USB cable from the printer, then plug it into the printer again. Once you've confirmed that these items appear, proceed to step 5.

5. Under Other devices, select USB Printer or EPSON Stylus Photo R2400 and click Remove. Then, click OK.



When the following dialog box appears, click OK, and then click OK to close the System Properties dialog box.



- 6. Uninstall the printer software.
 - → See "Uninstalling the printer software" on page 318

7. Turn off the printer, restart your computer, and reinstall the printer software as explained in the *Start Here* sheet packed with your printer.

Communication Error

The power light does not turn on

Cause	What to do
The power cord may not be properly plugged into the electrical outlet.	Turn off the printer and check the power cord connections between the printer and the electrical outlet. Then turn the printer back on.
The electrical outlet may be controlled by an outside switch or an automatic timer.	Make sure that the switch is turned on or plug another electrical device into the outlet to check whether the outlet is operating properly.

The power light is on but nothing prints

Cause	What to do
Your computer may not be properly connected to the printer.	Perform the setup procedure described in the <i>Start Here</i> sheet.
The interface cable may not be plugged in securely.	Check both ends of the interface cable between the printer and the computer.

You may not be using the correct interface cable.	If you are using the USB interface, use a Revision 1.1 or 2.0 cable.
Some error may have occurred.	Check the lights on the Control Panel to see if lights other than power light are flashing or on in red. → See "Error indicators" on page 269
Your printer may have broken.	Print the nozzle check pattern to see if the printer is broken. → See "Running a printer operation check" on page 272
	If the printer does not print, it may broken. Contact your dealer.
Your application software is not properly set up for your printer.	Make sure that the printer is selected in your application software.
Your computer system's memory is too small to handle the volume of data in your document.	Try reducing the image resolution of your document in the application software, or install more memory in your computer if you can.

Canceling Printing

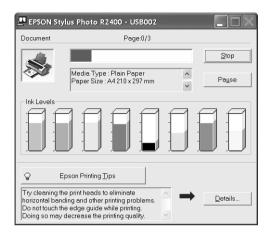
If you encounter problems while printing, you may need to cancel printing. To cancel printing, follow the instructions in the appropriate section below.

Using the control panel buttons

Press the n paper button while printing to cancel the printing of a print job.

For Windows XP and 2000

When you send a print job to the printer, the Progress Meter will appear on your computer screen.



Click the Stop button to cancel printing.

For Windows Me and 98

It is possible to cancel printing using either the Progress Meter or EPSON Spool Manager. Refer to the appropriate section below.

Using the Progress Meter

When you send a print job to the printer, the Progress Meter appears on your computer screen.



Click the Stop button to cancel printing.

Using EPSON Spool Manager

EPSON Spool Manager is similar to Windows Print Manager. If it receives two or more print jobs at one time, it holds them in the order that they were received (with printers on a network this may be called a print queue). When a print job reaches the top of the queue, the EPSON Spool Manager sends the job to the printer. You can cancel print jobs from the Spool Manager. You can also view print status information about the print jobs which have been sent to your printer, as well as pause and resume or restart selected print jobs.

After you send a print job, an EPSON Stylus Photo R2400 button will appear in the icon tray. Click this button to open the EPSON Spool Manager.



To cancel a print job, select the job in the list, and then click Cancel.

For Macintosh

The procedure for canceling printing for Macintosh varies, depending on whether background printing is on or off. Refer to the appropriate section below.

For Mac OS X

Follow the steps below to cancel a print job.

1. Click the Print Center or Printer Setup Utility icon in Dock.



2. Press the \circlearrowleft power button to turn off the printer.

- 3. In the Printer List, double-click Stylus Photo R2400.
- 4. In the Document Name list, select the document which is printing, then click the Delete button to cancel the print job.



For Mac OS 9

When background printing is on

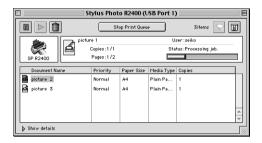
Follow the steps below to cancel a print job.

1. Select EPSON MonitorIV from the application menu.



2. Press the \circlearrowleft power button to turn off the printer.

3. In the Document Name list, select the document which is printing, then click the Stop icon button to cancel the print job.



When background printing is off

Follow the steps below to cancel a print job.

- 1. Press the O power button to turn off the printer.
- 2. Hold down the **%** command key on your keyboard and press the period (.) key to cancel the print job.

Other Information

Setting Up Your Printer on a Network

For Windows XP and 2000

This section tells you how to set up your printer so that other computers on the network can use it.

Note:

- ☐ This section is written for small network users only. If you are on a large network and would like to share your printer, consult your network administrator.
- ☐ To install software programs in Windows XP, it is necessary to log on with a Computer Administrator account. You cannot install software programs if you log on as a Limited account user.

 After you install Windows XP, the user account is set as a Computer Administrator account.
- ☐ To install software programs in Windows 2000, it is necessary to log on as a user with administrative privileges (a user who belongs to the Administrators group.)
- ☐ The figures that are provided in the following section pertain to Windows 2000.

First, set up the printer as a shared printer on the computer connected directly to the printer. Then, add the printer to each computer that will access it through the network.

Setting up your printer as a shared printer

To share a printer with other computers on a network, follow the steps below to configure the computer connected directly to the printer.

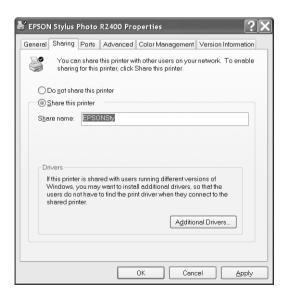
Note:

The figures provided in the following section pertain to Windows XP.

- For Windows XP, click Start, Control Panel, then double-click Printers and Faxes. (If the Control Panel is in Category View, click Printers and Other Hardware, then click Printers and Faxes.)
 For Windows 2000, click Start, point to Settings, then click Printers.
- 2. Right-click the icon for your printer, then click Sharing.
- 3. Select Shared as, then type a name for the shared printer.

Note:

Do not use spaces or hyphens in the printer name.



If you want Windows XP or 2000 to automatically download printer drivers for computers that are running different versions of Windows, click Additional Drivers and select the environment and the operating systems for the other computers. Click OK, then insert the printer software CD into the CD-ROM drive.

4. Click OK, or click Close if you installed additional drivers.

Accessing the printer through a network

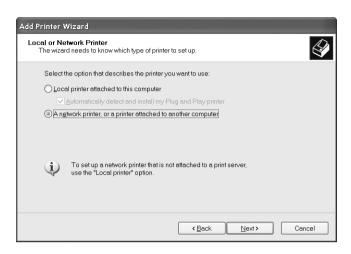
To use your printer from other computers on a network, you must first add the printer to each computer that will access it. Follow the steps below.

Note:

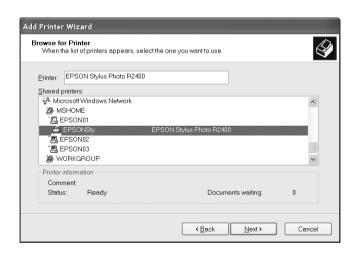
Your printer must be set up as a shared resource on the computer to which it is directly connected before you can access it from another computer.

- → See "Setting up your printer as a shared printer" on page 303
- For Windows XP, click Start, Control Panel, then double-click Printers and Faxes. (If the Control Panel is in Category View, click Printers and Other Hardware, then click Printers and Faxes.)
 For Windows 2000, Click Start, point to Settings, then click Printers.
- 2. Double-click the Add Printer icon. The Add Printer Wizard appears.
- Click Next.

4. Select Network printer, then click Next.



- 5. On the next screen, click Next.
- 6. Double-click the icon of the computer that is directly connected to the printer. Then, click the icon for the appropriate printer.



7. Click Next and follow the on-screen instructions.

Note:

Depending on the operating system and the configuration of the computer to which the printer is connected, the Add Printer Wizard may prompt you to install the printer driver from the printer software CD-ROM. In this case, click the Have Disk button and follow the on-screen instructions.

For Windows Me and 98

This section tells you how to set up your printer so that other computers on a network can use it.

First, set up the printer as a shared printer on the computer connected directly to the printer. Then, install the printer software on each computer that will access the printer through the network.

Note:

This section describes how to use your printer as a shared printer on a network. To connect your printer directly to a network without setting it up as a shared printer, consult your network administrator.

Setting up your printer as a shared printer

To share a printer with other computers on a network, follow the steps below to configure the computer connected directly to the printer.

- 1. Click Start, point to Settings, then click Control Panel.
- 2. Double-click the Network icon.
- 3. Click File and Print Sharing.

4. Select the I want to be able to allow others to print to my printer(s) check box and click OK.



- 5. In the Network dialog box, click OK.
- 6. In the Control Panel, double-click the Printers icon.

Note:

- ☐ If a dialog box appears requesting that you insert the Windows Me and 98 CD-ROM, insert the CD into the CD-ROM drive, then follow the on-screen instructions.
- ☐ If a dialog box appears requesting that you restart your computer, do so, open the Printers folder, then continue with step 7.
- 7. Select the icon for your printer in the Printers folder, then click Sharing on the File menu.

8. Select Shared As, type the printer information as required, then click OK.



Accessing the printer through a network

To use your printer from other computers on a network, first add the printer to each computer that will access it. Follow the steps below.

Note:

Your printer must be set up as a shared resource on the computer to which it is directly connected before you can access it from another computer.

- → See "Setting up your printer as a shared printer" on page 306
- 1. Click Start, point to Settings, then click Printers.
- 2. Double-click the Add Printer icon. The Add Printer Wizard appears.
- Click Next.

4. Select Network printer, then click Next.



- 5. On the next screen, click Browse.
- 6. Double-click the icon of the computer that is directly connected to the printer. Then, click the icon for the appropriate printer.



7. Click OK and follow the on-screen instructions.

For Mac OS X

Use the Printer Sharing setting, which is a standard feature for Mac OS X 10.2 or later. This feature is not available with Mac OS X 10.1. See your operating system's documentation for details.

For Mac OS 9

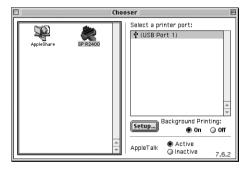
This section tells you how to set up the printer so that you can use it on an AppleTalk network. By setting up your printer as a shared printer, your local printer is connected to the network and can be used by other computers.

First, set up the printer as a shared printer on the computer connected directly to the printer. Next, specify the network path to the printer from each computer that will use it, and install the printer software on those computers.

Setting up your printer as a shared printer

To share a printer with other computers on an AppleTalk network, follow the steps below to configure the computer connected directly to the printer.

- 1. Turn on the printer.
- 2. Choose Chooser from the Apple menu, click the icon for your printer, then select the port the printer is connected to.



3. Click the Setup button. The Printer Sharing Setup dialog box opens.



- 4. Select the Share this Printer check box, then type the printer name and password information as necessary.
- 5. Click OK. The name of the shared printer will appear in the port list in the Chooser.
- Close the Chooser.

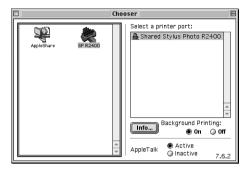
Accessing the printer through a network

To access your printer from other computers on a network, follow the steps in this section for each computer that will access the printer.

- 1. Turn on your printer.
- 2. Install the printer software from the printer software CD-ROM.
- 3. Choose Chooser from the Apple menu. Click the appropriate printer icon and select the printer port that you want to use from the Select a printer port list.

Note:

Only printers that are connected to your current AppleTalk zone are available.



If the following dialog box appears, enter the password for the printer, then click OK.



- 4. Select the appropriate Background Printing radio button to turn background printing on or off.
- 5. Close the Chooser.

Increasing the Print Speed

Follow the instructions in this section to increase the print speed of your printer.

General tips

Just as printing at a high resolution requires more processing time than printing at a low resolution, printing in color takes longer than printing in black-and-white because the volume of data in a color document is much greater. For this reason, it is important to be selective in your use of color printing if you also require a fast print speed.

However, even if your document requires the highest resolution and extensive use of color—for example, when you are printing a camera-ready composite that includes color photographs—it may still be possible to optimize the print speed by adjusting other printing conditions. For example, we recommend using a USB 2.0 cable with an IEEE 1394 port to gain the highest rates of data transfer. Keep in mind that changing some conditions to increase the print speed may also lower print quality.

The following table shows the factors that inversely affect print speed and print quality (increasing one will decrease the other).

Print quality Print speed		Lower Faster	Higher Slower	Printer software menu
Printer software settings	Paper & Quality Options (Windows), Print Quality (Macintosh)	Economy, Normal	Photo	Advanced dialog box
	High Speed	On	Off	
Data	Image size	Small	Large	-
characteristics	Resolution	Low	High	

The table below shows the factors related to print speed only.

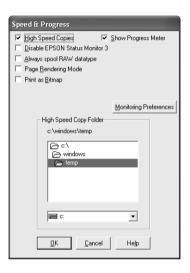
Print speed		Faster	Slower	Printer software menu	
Printer software settings	Orientation	Portrait	Land- scape	Main menu (Windows), Page Setup dialog box (Macintosh)	
	Grayscale	On	Off	Advanced dialog box, Main menu (Windows)	
	Color**	Gray- scale	Color	Print dialog box (Macintosh)	
	Mirror Image*	Off	On	Advanced dialog box	
	Edge smoothing*	Off	On	Advanced dialog box	
	Photo Enhance	Off	On	Advanced dialog box, Main menu (Windows), Print dialog box (Macintosh)	
	Collate*	Off	On	Page Layout	
	Reverse Order*	Off	On	menu (Windows), Layout dialog box (Macintosh)	
Hardware resources	System speed	Faster	Slower	-	
	Free hard disk space	Large	Small		
	Available memory	Large	Small		
Software status	Running applications	One	Many	-	

^{*} Varies depending on the printer software and application being used.

^{**} Varies depending on the media type printed on.

Using the Speed & Progress dialog box (Windows only)

You can make certain print speed settings in the Speed & Progress dialog box. Click the Speed & Progress button on your printer software's Maintenance menu. The following dialog box appears.



The available settings that are related to print speed are as follows:

High Speed Copies

To print multiple copies of your document faster, select High Speed Copies. This speeds up printing by using your hard disk space as a cache when printing multiple copies of your document.

Show Progress Meter

To display the Progress Meter every time you print, select Show Progress Meter.

Disable EPSON Status Monitor 3

Select this checkbox to disable printer status monitoring with EPSON Status Monitor 3.

Always spool RAW datatype (Windows XP and 2000)

Select the Always spool RAW datatype checkbox to have Windows NT-based clients spool documents using the RAW format instead of the EMF (metafile) format (Windows NT-based applications use the EMF format by default).

You can also use this option if documents spooled in EMF format do not print correctly or if you have insufficient memory or disk space problems.

Note:

When spooling RAW datatype, print progress displayed by the Progress Meter may differ from the actual print progress.

Page Rendering Mode (Windows XP and 2000)

Select this checkbox when the print speed is extremely slow or when the print head stops for a few minutes while printing.

Note:

When using this function, the following problems may occur:

- ☐ Print progress displayed in the Progress Meter window may differ from the actual print progress.
- Printing may take a longer time to start.

Print as Bitmap (Windows XP and 2000)

Select this checkbox when the print speed is extremely slow or when the print head stops for a few minutes while printing. Try this option if Always spool RAW datatype and Page Rendering Mode do not solve the problem.

Monitoring Preferences

You can change settings for EPSON Status Monitor 3 in the Monitoring Preferences window. Right-click the shortcut icon on the taskbar, then select Monitoring Preferences.

You can select the settings listed in the table below:

Select Notification	Displays the current error notification settings.
	Select the checkboxes for the error types for which you want to receive notification.
	Click the Default button to revert all Select Notification settings to their defaults.
Select Shortcut Icon	To have a shortcut icon placed on your Windows taskbar, select the Shortcut Icon checkbox and choose an icon. You can click the shortcut icon to open EPSON Status Monitor 3, or right-click the icon to access some of the printer utilities.
Allow monitoring of shared printers	Select this checkbox to allow monitoring of a shared printer by other computers.

Updating and Uninstalling Software

Follow the directions in this section if you have updated your computer's operating system, if you want to update your printer software from a previous version, or if you need to uninstall the printer software.

Updating the printer software in Windows Me, XP, or 2000

When you update the printer software in Windows Me, XP, and 2000, be sure to uninstall the previous printer software before you install the new software. Installing over the existing printer software results in a failure to update.

→ See "Uninstalling the printer software" on page 318

Uninstalling the printer software

For Windows

Note:

- ☐ To uninstall applications in Windows 2000, it is necessary to log on as a user with administrative privileges (a user who belongs to the Administrators group).
- ☐ To uninstall applications in Windows XP, it is necessary to log on with a Computer Administrator account. You cannot uninstall applications if you log on as a Limited account user.
- 1. Turn off the printer and disconnect the cable from the printer.
- For Windows Me, 98, and 2000, click the Start button, point to Settings, then select Control Panel.
 For Windows XP, click the Start button, then select Control Panel.

- Double-click the Add/Remove Programs icon and select EPSON Printer Software from the list. Then, click Add/Remove (or Change/Remove in Windows XP and 2000).
- 4. Select the EPSON Stylus Photo R2400 icon, then click OK.
- Click OK.

Note:

- ☐ If you are using the USB port to connect the printer in Windows Me or 98, you need to uninstall an additional USB component. Select EPSON USB Printer Devices from the list in the Add/Remove Programs utility, click Add/Remove, then click OK when a message prompts you to restart the computer. If EPSON USB Printer Devices does not appear in the Add/Remove Programs list, double-click EPUSBUN.EXE on the printer software CD-ROM, then follow the on-screen instructions.
- ☐ If you are using the IEEE 1394 port to connect the printer in Windows XP, Me, or 2000, you need to uninstall an additional IEEE component. Select EPSON 1394.3 Printer Devices from the list in the Add/Remove Programs utility, then click the Add/Remove button and click OK when a message prompts you to restart the computer. If EPSON 1394.3 Printer Devices does not appear in the Add/Remove Programs list, double-click EPPPDTUN.EXE on the printer software CD-ROM, then follow the on-screen instructions.

For Mac OS X

- 1. Quit all applications.
- 2. Insert the EPSON printer software CD-ROM into your Macintosh.
- Double-click the Mac OS X folder
- 4. Double-click the Printer Driver folder.

Double-click the icon.

Note:

If the Authorization dialog box appears, enter the Password or phrase, then click OK.

- 6. When the software license agreement screen appears, read the statement and then click Accept.
- 7. Select Uninstall from the menu at the upper left, and click Uninstall.
- 8. Follow the on-screen instructions.

Note:

If the printer name remains in the Print Center or Print Setup Utility after uninstalling the printer software, delete your printer name from the Print Center or Print Setup Utility. Open the Print Center or Print Setup Utility, select the printer name from Printer List, and then click Delete.

For Mac OS 9

- 1. Quit all applications.
- 2. Insert the EPSON printer software CD-ROM into your Macintosh.
- 3. Double-click the English folder, then double-click Disk 1 folder inside the Printer Driver folder.
- 4. Double-click the Installer icon.



- 5. Click Continue. When the software license agreement screen appears, read the statement and then click Accept.
- 6. Select Uninstall from the menu at the upper left, and click Uninstall.
- 7. Follow the on-screen instructions.

Uninstalling the User's Guide

For Windows

Note:

- ☐ To uninstall applications in Windows XP or 2000, it is necessary to log on as a user with administrator privileges: that is, a user with a Computer Administrator account in Windows XP or a user who belongs to the Administrators group in Windows 2000.
- ☐ In Windows XP, you cannot uninstall applications if you log on as a Limited-account user.
- 1. Turn off the printer and disconnect the cable between the printer and the computer.
- 2. In Windows XP, click the Start button, then select Control Panel. In Windows Me, 98, or 2000, click the Start button, point to Settings, then select Control Panel.
- Double-click the Add or Remove Programs icon, then select ESPR2400 User's Guide from the list. Click Change/Remove in Windows XP or 2000, or Add/Remove in Windows Me or 98.
- Click OK.

Note:

If you are using a USB port to connect the printer in a Windows Me or 98 environment, you also need to uninstall a USB component. Select EPSON USB Printer Devices from the list in the Add or Remove Programs utility, click Change/Remove or Add/Remove, then click OK when a message prompts you to restart the computer. If EPSON USB Printer Devices does not appear in the Add or Remove Programs list, double-click EPUSBUN.EXE on the printer software CD-ROM, then follow the on-screen instructions.

For Macintosh

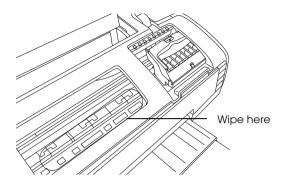
Drag the User's Guide folder, located in the EPSON Stylus Photo R2400 folder, from the hard disk to the Trash. Then, drag the ESPR2400 User's Guide icon from the desktop to the Trash.

Cleaning the Printer

To keep your printer operating at its best, clean it thoroughly several times a year as follows.

- 1. Unplug the printer's power cord.
- 2. Remove any paper from the sheet feeder.
- 3. Use a soft brush to carefully clean away all dust and dirt from the sheet feeder.
- 4. If the outer case or the inside of the sheet feeder is dirty, wipe it with a soft, clean cloth dampened with mild detergent. Keep the printer cover closed to prevent water from getting inside.
- 5. If the inside of the printer accidentally gets soiled with ink, wipe it off with a damp cloth.

6. If ink has leaked inside the printer, wipe the inside of the printer with a soft, clean cloth.





Warning:

Be careful not to touch the gears or rollers inside the printer.



Caution:

- Do not apply grease to the metal parts under the print head carriage.
- □ Never use alcohol or thinner to clean the printer, as these chemicals can damage the components as well as the case.
- ☐ Be careful not to get water on the printer mechanism or electronic components.
- □ *Do not use a hard or abrasive brush.*
- ☐ Do not spray the inside of the printer with lubricants. Unsuitable oils can damage the mechanism. Contact your dealer or a qualified service person if lubrication is needed.

Transporting the Printer

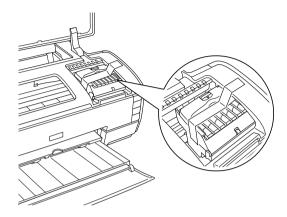
If you need to transport your printer, carefully prepare and repack it as described below using the original box (or a similar box that the printer fits snugly into) and packing materials. Follow the steps below.



Caution:

- When storing or transporting the printer, do not tilt it, stand it up vertically, or turn it upside down. Otherwise, ink may leak from the cartridge.
 - ☐ Leave the ink cartridges installed. Removing the cartridges can dehydrate the printer head and may prevent the printer from printing.
- Plug in the printer, then turn on the printer. Wait until the print head returns to the home position, then close the top printer cover. Turn off the printer, and then unplug the printer.
- 2. Disconnect the interface cable from the printer.
- 3. Remove the paper from the sheet feeder.

4. Open the top printer cover again. Secure the ink cartridge holder to the printer with tape as shown below, then close the top printer cover.



- 5. Insert the output tray, close the paper support.
- 6. Attach the protective materials to both sides of the printer.
- 7. Repack the printer and power cord in the original box.
- 8. Keep the printer level during transport.
- 9. Be sure to remove the protective materials and tape from the printer before using it again.

Options and Consumable Products

Consumable products

The following ink cartridges and Epson special media are available for your printer.

Ink cartridges

You can use the following cartridges with your printer.

Type of ink	Product numbers of ink
Light Light Black	T0599
Light Magenta	T0596
Light Cyan	T0595
Light Black	T0597
Photo Black	T0591
Matte Black	T0598
Cyan	T0592
Magenta	T0593
Yellow	T0594

Note:

The product numbers of ink cartridges may vary by location.

Media Types

Epson offers specially designed media for ink jet printers to meet most high-quality printing needs.

→ See "Media type settings" on page 369

No	te:
	The availability of special media varies by location.
	For the latest information on media available in your area, contact Epson customer support web site. → See "Contacting Customer Support" on page 379

Exif Print and PRINT Image Matching

Exif Version 2.2 (also called Exif Print, an international standard for digital cameras) and PRINT Image Matching allow you to print fine-quality photographs using, in combination, a digital camera and printer that support these features.

Note:

We recommend using EPSON Easy Photo Print when using the Exif Print function or PRINT Image Matching function.

Effectiveness

Exif Print

When taking photographs using an Exif Print compatible digital camera, information about camera settings and scene conditions when the photograph was taken is embedded in the photo data. Such information includes exposure mode, white balance, gain control, contrast, saturation, and sharpness, among other attributes. The printer then corrects and enhances the photo data using this information and prints an image that reflects the original scene captured by the digital camera.

Printout without Exif Print



Printout with Exif Print

When Exif Print data is embedded in the photo data, the printer interprets how to adjust and print the image.



Note:

The images above are samples. Print results depend on the printer.

PRINT Image Matching

PRINT Image Matching gives control of the printing process to the digital camera, allowing printed images to reflect the camera's distinctive qualities. When taking photographs using a PRINT Image Matching compatible digital camera, print command information from the camera is embedded in the photo data. The print command then instructs the printer how to correct color and details based on information stored at the moment the photo was taken. Digital camera settings that create the print command include the gamma, color space, color balance, shadow point, contrast, and brightness settings, among other attributes. A printer equipped with PRINT Image Matching is able to interpret these commands and faithfully reproduce the characteristics of the image captured by the digital camera.

Printout without PRINT Image Matching



Printout with PRINT Image Matching

When PRINT Image Matching data is embedded in the photo data, it tells the printer how to adjust and print the image.



Note:

- ☐ The images above are samples. Print results depend on the digital camera.
- ☐ See the relevant device instruction manual for details concerning the use of devices loaded with the PRINT Image Matching function.
- ☐ Please check with the input device manufacturer to determine whether it is loaded with the PRINT Image Matching function.
- □ EPSON Easy Photo Print and EPSON Darkroom Print let the user decide whether or not the PRINT Image Matching function is to be used.
- ☐ If EPSON Easy Photo Print or EPSON Darkroom Print is not used, and printing is performed from general retouch software that does not support PRINT Image Matching, the PRINT Image Matching function cannot be used.

How to use

Take pictures using Exif Print and/or PRINT Image Matching compatible digital cameras, then use EPSON Easy Photo Print or EPSON Darkroom Print to print them. EPSON Easy Photo Print and EPSON Darkroom Print are is included on the software CD-ROM.

Printer Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	1440 nozzles (180 × 8)

Paper

Note:

Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot attest to the quality of any non-Epson brand or type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs.

Paper specifications

Single sheets:

Size

A3 (297 × 420 mm) A4 (210 × 297 mm) A5 (148 × 210 mm) A6 (105 × 148 mm)

> B4 (257 × 364 mm) B5 (182 × 257 mm)

 $A3+(329 \times 483 \text{ mm})$

 $30 \times 30 \text{ cm } (12 \times 12 \text{ in})$

 20×25 cm (8 \times 10 in)

 $13 \times 20 \text{ cm } (5 \times 8 \text{ in})$

 $13 \times 18 \text{ cm } (5 \times 7 \text{ in})$

 $10 \times 15 \text{ cm } (4 \times 6 \text{ in})$

 $9 \times 13 \text{ cm } (3.5 \times 5 \text{ in})$ Letter $81/2 \times 11 \text{ in}$

Legal 8 1/2 × 14 in

Paper types Plain bond paper.

Thickness 0.08 to 0.11 mm (0.003 to 0.004 inch)

(for plain bond paper)

Weight $64 \text{ g/m}^2 (17 \text{ lb}) \text{ to } 90 \text{ g/m}^2 (24 \text{ lb})$

(for plain bond paper)

Note:

Poor quality paper may reduce print quality and cause paper jams or other problems. If you encounter problems, switch to a higher grade of paper.

- ☐ Do not load curled or folded paper.
- ☐ Use paper under normal conditions: Temperature 15 to 25° C (59 to 77° F) Humidity 40 to 60% RH

Printable area

Normal Borderless A B-L B-R

Diagonal lines show printable area.

Single sheets and index cards

A: The minimum top margin is 3.0 mm (0.12'').

B-L: The minimum left margin is 3.0 mm (0.12").

B-R: The minimum right margin is 3.0 mm (0.12").

C: The minimum bottom margin is 3.0 mm (0.12'').

Thick paper

A: The minimum top margin is 20 mm (0.79'').

B-L: The minimum left margin is 3.0 mm (0.12").

- B-R: The minimum right margin is 3.0 mm (0.12").
- C: The minimum bottom margin is 20 mm (0.79'').

Note:

- Depending on the type of media being used, print quality may decline in the top and bottom areas of the printout, or the area may be smeared.
- □ Borderless printing is not available when Manual Front is selected.

Roll paper

Stande	ard mar	gins
3mm	3mm 30mm	Pressing the ⊗ roll paper button after printing prints the cutting guideline.
	65mm	If you press the & roll paper button again and send print data, the margin between the printouts is about 65 mm.
3mm	3mm 30mm	If you send a print job that has multiple pages, or send print jobs continuously, there will be no margin between the printouts.
	Omm	
	- Omm	
	65mm	

Borderless	
0mm 0mm 30mr	Pressing the & roll paper button after printing prints the cutting guideline.
65mr	If you press the & roll paper button again and send print data, the margin between the printouts is about 65 mm.
0mm 0mm 30mr	If you send a print job that has multiple pages, or send print jobs continuously, there will be no margin between the printouts.
0mm	
0mm	
65mr	

Ink Cartridges

Light Light Black (T0599)

Light Magenta (T0596)

Light Cyan (T0595)

Light Black (T0597)

Photo Black (T0591)

Matte Black (T0598)

Cyan (T0592)

Magenta (T0593)

Yellow (T0594)

Color	Light Light Black, Light Magenta, Light Cyan, Light Black, Photo Black, Matte Black, Cyan, Magenta, Yellow
Cartridge life	Within 6 months of opening the package, at 25°C (77°F)
Temperature	Storage: -20 to 40°C (-4 to 104°F) 1 month at 40°C (104°F) Freezing:* -16°C (3.2°F)
Dimensions	12.7 mm (W) × 73.5 mm (D) × 55.3 mm (H)

^{*} Ink thaws and is usable after approximately 3 hours at 25°C (77°F).



Caution:

- Epson recommends the use of original Epson ink cartridges only. Products not manufactured by Epson may cause damage to your printer and will not be covered by Epson's warranties.
- □ Do not use an ink cartridge if the date on the package has expired.
- □ Do not refill the ink cartridge. The printer calculates the amount of ink remaining using an IC chip on the ink cartridge, so even if the cartridge is refilled, the IC chip will report that it is empty.

Note:

The ink cartridges packaged with your printer are partly used during initial setup. In order to produce high quality printouts, the print head in your printer will be fully charged with ink. This one-off process consumes a quantity of ink and subsequent cartridge sets will last for their full rated life.

Mechanical

Paper path	Auto sheet feeder, front manual feed slot, and rear manual feed slot entry	
Dimensions	Storage	
	Width: 615 mm (24.2 inches)	
	Depth: 314 mm (12.4 inches)	
	Height: 223 mm (8.8 inches)	
	Printing	
	Width: 615 mm (24.2 inches)	
	Depth: 737 mm (29.0 inches)	
	Height: 457 mm (18.0 inches)	
Weight	11.7 kg (25.8 lb), printer body only	

Paper path	Capacity
Auto sheet feeder	About 120 sheets at 90 g/m ² (24 lb) paper
Front manual	One sheet at a time
feed slot	Thickness: 1.3 mm only
	Size: A4 (210 × 297 mm) to A3+ (329 × 483 mm)
Rear manual	One sheet at a time
feed slot	Thickness: 0.29 to 0.48 mm
	Size: A4 (210 × 297 mm) to A3+ (329 × 483 mm)

Electrical

	120 V Model	220-240 V Model
Input voltage range	but voltage range 99 to 132 V 198 to 264 V	
Rated frequency range	50 to 60 Hz	
Input frequency range	49.5 to 60.5 Hz	
Rated current	0.5 A (Max. 0.8 A)	0.25 A (Max. 0.4 A)
Power consumption	Approx. 18 W (ISO10561 Letter Pattern) Approx. 1 W in Sleep mode	Approx. 18 W (ISO10561 Letter Pattern) Approx. 1.3 W in Sleep mode

Note:

Check the label on the back of the printer for the voltage of your printer.

Environmental

Temperature	Operation: 10 to 35°C (50 to 95°F)
	Storage: -20 to 40°C (-4 to 104°F)
	1 month at 40°C (104°F)
Humidity	Operation:* 20 to 80% RH
	Storage:* 5 to 85% RH

^{*} Without condensation

Standards and Approvals

U.S. model:

Safety UL 60950

CSA C22.2 No.60950

EMC FCC Part 15 Subpart B Class B

CSA C108.8 Class B

European model:

Low Voltage Directive 73/23/EEC EN 60950

EMC Directive 89/336/EEC EN 55022 Class B

EN 55024 EN 61000-3-2 EN 61000-3-3

Australian model:

EMC AS/NZS CISPR 22 Class B

System Requirements

Refer to the appropriate section below for the minimum and recommended computer system requirements necessary to use this printer.

For Windows

To use your printer, you need to have Microsoft[®] Windows[®] XP, Me, 98, or 2000 installed.

USB connection:

To connect your printer via a standard, shielded USB 1.1 cable, you need a Windows XP, 98, or 2000 pre-installed PC equipped with a USB port. For Windows Me users, your PC must be a Windows Me pre-installed model or upgraded from a Windows 98 pre-installed model. To use the USB 2.0 cable, you need a Windows XP or 2000 Pre-installed PC equipped with a USB 2.0 port.

If you want to connect your printer to a IEEE 1394 port, you need a Windows XP, Me, or 2000 pre-installed PC equipped with a IEEE 1394 port and the printer must be connected via a shielded IEEE 1394 cable.

Your computer should also meet the following system requirements.

Minimum System Requirements	Recommended System
Pentium 150 MHz processor for Windows Me	Pentium 2.0 GHz or higher
Pentium processor for Windows 98	
Pentium 300 MHz processor for Windows XP	
Pentium 133 MHz processor for Windows 2000	
64 MB RAM for Windows Me and 98	256 MB RAM or more
128 MB RAM for Windows XP and 2000	
50 MB hard disk space for Windows Me and 98	500 MB hard disk space or more for Windows Me and 98
200 MB hard disk space for Windows XP	1 GB hard disk space or more for Windows XP and 2000
100 MB hard disk space for Windows 2000	
USB and IEEE 1394 for Windows Me, XP, and 2000	USB 2.0 and IEEE 1394
USB for Windows 98	
SVGA monitor	SVGA monitor

Your computer dealer can help you update your system if it does not meet these requirements.

For Macintosh

To connect this printer to Apple[®] Macintosh[®] computers, you must use a USB cable.

Your Macintosh must also meet the following system requirements.

Minimum System Requirements	Recommended System
Mac OS 9.1 or later	Mac OS 9.1 or later
Mac OS X, 10.2, or later	Mac OS X, 10.2, or later
PowerPC G3 233 MHz for Mac OS	PowerPC G4 for Mac OS 9.1 or later
9.1 or later PowerPC G3 233 MHz for Mac OS X, 10.2, or later	PowerPC G4 for Mac OS X, 10.2, or later
128 MB RAM for Mac OS 9.1 or later	256 MB RAM or more for Mac OS 9.1 or later
192 MB RAM for Mac OS X, 10.2, or later	256 MB RAM or more for Mac OS X, 10.2, or later
50 MB hard disc space for Mac OS 9.1 or later	1 GB hard disc space or more for Mac OS 9.1 or later
50 MB hard disc space for Mac OS X, 10.2, or later	1 GB hard disc space or more for Mac OS X, 10.2, or later
USB and IEEE 1394 for Mac OS 9.1 or later	USB 2.0 and IEEE 1394 for Mac OS 9.1 or later
USB and IEEE 1394 for Mac OS X, 10.2, or later	USB 2.0 and IEEE 1394 for Mac OS X, 10.2, or later
SVGA monitor for Mac OS 9.1 or later	SVGA monitor for Mac OS 9.1 or later
SVGA monitor for Mac OS X, 10.2, or later	SVGA monitor for Mac OS X, 10.2, or later

Note:

☐ For Mac OS X, to see how much memory is available, choose About This Mac from the Apple menu.

☐ For Mac OS 9, the memory requirements above are for printing on Letter size paper. These requirements may vary depending on the size of the paper, the type of application you are using, and the complexity of the document that you want to print.

In addition to these system and memory requirements, you need 20 MB of free hard disk space to install your printer software. To print, you also need extra hard disk space amounting to about twice the size of the file that you want to print.

Using the User's Guide

Refer to the appropriate section below for the minimum browser requirements necessary to use the *User's Guide*.

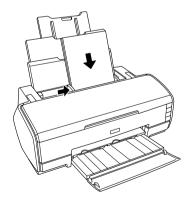
For Windows		
Browser	Microsoft Internet Explorer 4.0 or later (recommended)	
For Macintosh		
Browser	Microsoft Internet Explorer 4.0 or later (recommended)	

Paper Handling

Loading single sheets of paper

Follow the steps below to load paper into the printer.

- 1. Open the paper support, then slide out the paper support extension.
- 2. Make sure the output tray is ejected, and the output tray extension is slid out.
- 3. Position the left edge guide so that the distance between the two edge guides is slightly wider than the width of your paper.
- 4. Fan a stack of paper, then tap it on a flat surface to even the edges.
- 5. Load the paper with the printable side up so it is against the right edge guide, and slide it into the sheet feeder. Then slide the left edge guide against the left edge of the paper.



During printing the left edge guide automatically moves 3 mm to the left. Do not move it back manually

Note:

- ☐ Leave enough space in front of the printer for the paper to be fully ejected.
- □ *Always load paper into the sheet feeder short edge first.*
- ☐ Make sure that the paper stack is flush with or lower than the triangular load-limit mark on the edge guide.
- ☐ Make sure you use the "Multi-Sheet Matte Support" when loading more than two sheets of thick paper larger than A4 size. For instructions on how to attach the "Multi-Sheet Matte Support". See the following section.
 - → See "Attaching the Multi Sheet Matte Support" on page 357.

Loading Thick Paper

Follow the steps below to load thick paper into the front manual feed slot. You can use A4 to A3+ size thick paper with a thickness of 1.3 mm.



Caution:

- ☐ If you load the thick paper incorrectly you may damage the printer.
- Be sure to insert the thick paper following the steps described below. If you insert the thick paper in a different way (for example, if you insert the thick paper into the printer and then turn the power off and then back on), the printer may be damaged.
- Be sure to remove the roll paper holder when printing on thick paper. Otherwise, the paper is ejected and a paper jam error occurs.

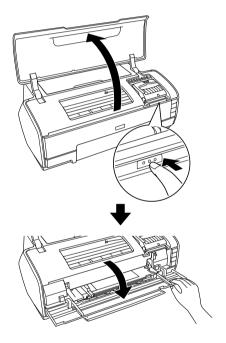
1. Make sure that the printer is on and the power light is not flashing.



Caution:

Be sure to insert the thick paper while the power is on. Otherwise, automatic print position adjustment may not take place after inserting the thick paper.

2. Open the top printer cover. Then open the front printer cover completely.

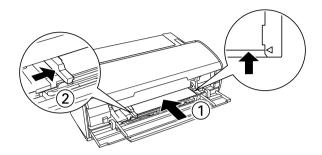


- 3. Close the top printer cover.
- 4. Load the thick paper with the printable side facing up.

Note:

Only print one sheet of thick paper at a time.

- 5. Slide the thick paper into the printer until the back edge is level with the alignment arrows on the front manual feed slot.
- 6. Slide the left edge guide against the left edge of the thick paper.



7. Press the figure paper button. The thick paper is set automatically. When the \circlearrowleft power light stops flashing, the operation is complete.

Note:

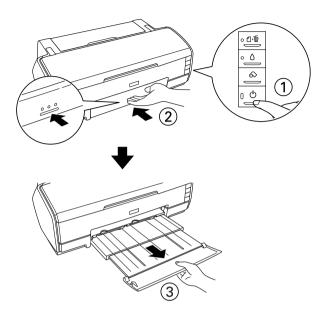
Since the paper feeds through the printer from the front to the rear, make sure there is enough space at the rear of the printer for the thick paper to eject completely.

Loading Single Sheets of Paper into the Rear Manual Feed Slot

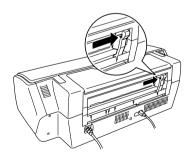
Follow the steps below to load paper into the rear manual feed slot. You can use A4 to A3+ size paper with a thickness of 0.29 to 0.48 mm.

1. Turn on the printer.

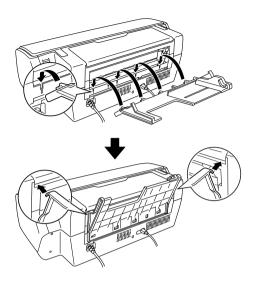
2. Slide out the output tray and the output tray extension.



- 3. Remove the roll paper holder if it is attached.
- 4. Make sure the rear edge guide for the rear manual feed slot is flush with the left side of the printer.

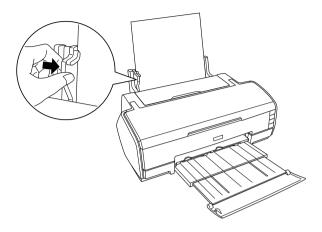


5. Attach the rear sheet guide.

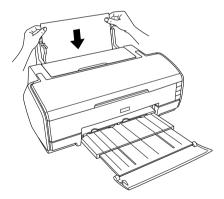


- 6. Slide the edge guide on the rear sheet guide to make enough space for the paper you are loading.
- 7. Using the rear sheet guide, insert the paper into the rear manual feed slot, flush with the right edge guide.

8. Slide the edge guide on the rear sheet guide until it is flush with the paper.

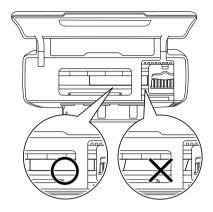


9. Insert the paper into the rear manual feed slot until the paper meets resistance. Maintain a constant pressure against the paper until you feel the printer pull the paper in slightly. Let go of the paper to allow the printer to adjust the paper position.



10. The procedure is finished when the \circlearrowleft power light stops flashing and remains lit.

11. Open the top printer cover and make sure the paper is loaded correctly.



Note:

- ☐ You can only load one sheet at a time.
- You can leave the rear sheet guide attached to the printer, except when printing on roll paper.
- □ Before loading the paper, first make sure that it is flush with the edge guide. If the media is not fed straight into the printer, a paper jam error occurs and the the paper light starts flashing.

If a paper error occurs, hold down the ⊗ roll paper button for three seconds. The printer feeds in reverse and the paper is ejected from the rear. Press the ♣ paper button to clear the error and reload the paper. The error also appears in the status monitor. If you press EJECT, the paper is ejected from the front or the rear of the printer.

12. Make sure that Manual - Roll is selected in the printer driver. For Windows, select Manual - Roll as the Source setting on the Main tab. For Mac OS X, select Manual - Roll for the paper size you are using (for example A4 Manual - Roll) as the Paper Size from the Page Setup dialog box. For Mac OS 9, select Manual - Roll as the Paper Source from the Page Setup dialog box.

Using special media

You can achieve good results with most types of plain bond paper. However, coated paper and glossy film provide superior printouts because they absorb less ink.

Epson provides special media that are formulated for the ink used in Epson ink jet printers. Epson recommends using media distributed by Epson to ensure high-quality results.

→ See "Media Types" on page 326 for a complete list of these products.

When loading special media distributed by Epson, read the instruction sheets packed with the media first and keep the following points in mind.

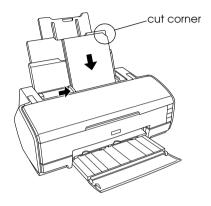


Caution:

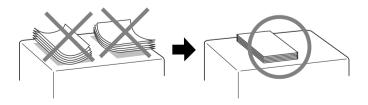
- ☐ Cleaning sheets packaged with Epson special media should not be used with this printer. The cleaning function performed by these sheets is not necessary with this type of printer, and the sheets could jam in the printer.
- ☐ A paper jam occurs if two or more sheets of thick paper larger than A4 size are loaded without the multi-sheet matte support. For information on attaching the multi-sheet matte support, see the following section.
 - → See "Attaching the Multi Sheet Matte Support" on page 357.

Note:

☐ Load the media into the sheet feeder printable side up. See the instruction sheets packed with the media to determine which side is the printable side. Some types of media have cut corners to help identify the correct loading direction, as shown in the illustration.



- ☐ Make sure you choose the appropriate feeder method and the appropriate driver setting for the media you are using.
- ☐ Depending on the media type, you can also load single sheets of paper into the rear manual feed slot. For instructions on how to load single sheets into the rear manual feed slot, see the following.
 - → See "Loading Single Sheets of Paper into the Rear Manual Feed Slot" on page 349
- ☐ If the paper is curled, flatten it or curl it slightly in the opposite direction before loading. Printing on curled paper may cause ink to smear on your printout.



Loading capacities for Epson special media

Refer to the chart below to find the loading capacities for Epson special media.

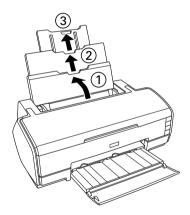
Media Type	Loading Capacity
Bright White Ink Jet Paper	Up to 80 sheets
Photo Quality Ink Jet Paper	Up to 50 sheets for A3+ and A3
	Up to 100 sheets for A4
Matte Paper - Heavyweight	A3+, A3: Up to 10 sheets when the multi-sheet matte support is attached**
	A3+, A3: One sheet at a time when the multi-sheet matte support is not attached
	A4: Up to 20 sheets
Archival Matte Paper	A3+, A3: Up to 10 sheets when the multi-sheet matte support is attached**
	A3+, A3: One sheet at a time when the multi-sheet matte support is not attached
	A4: Up to 20 sheets
Double-Sided Matte Paper	One sheet at a time
Premium Glossy Photo Paper	A3+, A3: Up to 10 sheets
	A4, 10×15 cm (4 \times 6 in): Up to 20 sheets
Premium Luster Photo Paper	A3+, A3: Up to 10 sheets
Premium Semigloss Photo Paper	A3+, A3: Up to 10 sheets
	A4: Up to 20 sheets
Watercolor Paper-Radiant White*	One sheet at a time
UltraSmooth Fine Art Paper*	One sheet at a time
Velvet Fine Art Paper*	One sheet at a time

Proofing Paper Semimatte	One sheet at a time
Photo Quality Self Adhesive Sheet	One sheet at a time

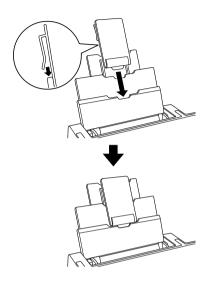
- * This paper type is rear manual feed slot paper. For instructions on how to load paper into the rear manual feed slot, see "Loading Single Sheets of Paper into the Rear Manual Feed Slot" on page 349.
- ** When loading two or more sheets of thick paper, you must attach the multi-sheet matte support. For instructions on how to attach the multi-sheet matte support, see "Attaching the Multi-Sheet Matte Support" on page 357.

Attaching the Multi - Sheet Matte Support

1. Open the paper support and slide out the extensions.



2. Attach the multi-sheet matte support. Hook the two large hooks over the centre of the paper support extension.





Caution:

Only use the multi-sheet matte support when you are loading 2 or more (10 maximum) sheets of thick paper larger than A4 size. Remove it when printing using other media.

Storing Epson Photo Paper

Return unused paper to the original package as soon as you finish printing. Epson recommends storing your printouts in a resealable plastic bag. Keep them away from high temperature, humidity, and direct sunlight.

Loading and removing roll paper

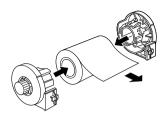
Loading the roll paper

on roll paper, which is convenient for banner printing. When you are printing on roll paper, keep the following in mind: Load the paper printable side up. ☐ Use flat, undamaged paper. If the paper is curled, flatten it before loading to avoid paper feed problems. Always handle the paper by the edges. Provide ample space in front of the printer for the paper to eject fully. ☐ Make sure the front printer cover is open and the output tray is stored in the printer. Check that the end of the paper is cut cleanly, perpendicularly to the length of the paper. If the paper is cut diagonally or uncleanly, it may not feed smoothly or the printer may print beyond the edge of the paper. ☐ Use Epson media to ensure high-quality results. Always check the ink levels before printing on roll paper, as replacing ink cartridges while the roll paper is loaded can smear the paper. ☐ We recommend replacing the roll paper with a new roll when there is 20 cm remaining. Otherwise, print quality may be compromised on the remaining portion.

With the roll paper holder attached to the printer, you can print

Follow the procedure described below to install the roll paper holders and load the roll paper.

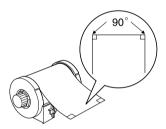
1. Attach the roll paper holders to the roll paper.



Note:

Remove the protective sheet after putting together the roll paper and the holders.

2. Using a triangle, check that the end of the roll is cut perpendicularly to the edges, as shown.



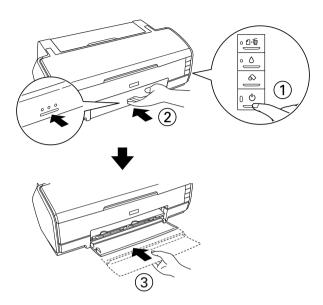


Caution:

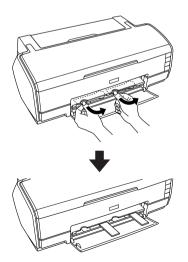
Always use a triangle or other tool to ensure that the end of the roll is cut perpendicularly. A diagonal cut may cause paper feed problems.

3. Turn on the printer.

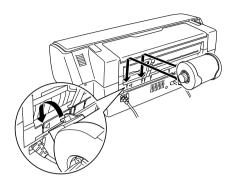
4. Make sure that the output tray extension is extended and the output tray is stored in the printer.



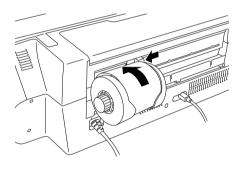
5. Gently swing out the roll paper support.



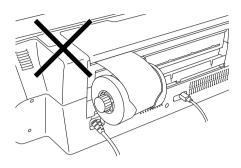
6. Insert the roll paper holders into the slots at the rear of the printer.



7. Insert the paper into the rear manual feed slot as far as it will go, flush with the right edge guide. Slide the left edge guide against the left edge of the paper.



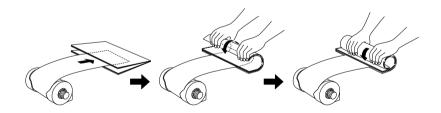
Caution:Do not load the roll paper into the sheet feeder for cut sheets.



8. Hold the paper in place with your hand for about three seconds in order to load the paper correctly. The paper will feed into the printer automatically.

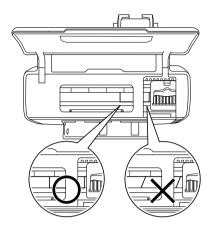
Note:

If the roll paper is not feeding easily, flatten it. To flatten the roll paper, place it printable side up between the pages of the instruction booklet packaged with the roll paper, to protect it. Then, roll the booklet in the opposite direction to the paper's curl.



9. Open the top printer cover and make sure that the paper is feeding correctly. If it is not straight, eject and reload the paper.

"Removing the roll paper" on page 365



Note:

Turn the roll paper knobs to take in the slack of the roll paper.

Cutting the roll paper

1. Press the *⊗* roll paper button to feed the paper. A cutting guideline is printed on the roll paper.



Caution:

Do not press the \otimes roll paper button for more than three seconds. Otherwise the roll paper will feed backward and your print out may be damaged.

2. Cut the paper along the printed line. Never pull the paper as you cut it, otherwise the printout may be damaged. When cutting the paper, do not cross the line towards the printer, as this may cause paper feed problems.

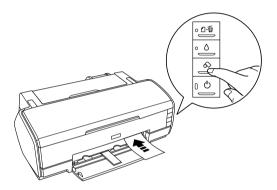
Note:

Epson recommends that you use a triangle or other tool to ensure that the end of the roll is cut perpendicularly. A diagonal cut may cause paper feed problems.

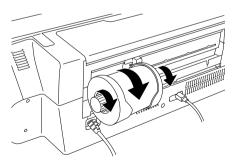
- 3. To print the next document, press the \otimes roll paper button to feed the paper back to the printing position.
- 4. Turn the roll paper knobs to take in the slack of the roll paper.

Removing the roll paper

1. After cutting the paper, hold down the ♠ roll paper button for about 3 seconds. The paper feeds in reverse to a position where it can be easily removed from the rear manual feed slot at the back of the printer. The ♣ paper out light flashes. If it does not feed to this position, repeat this step.



2. Turn back the roll paper knob and roll up the roll paper. Gently remove the paper.



3. Press the ☐ paper button to clear the ♠ paper out light.

Storing Epson roll paper

Return unused paper to the original package as soon as you finish printing. Store your printouts in a resealable plastic bag. Keep them away from high temperature, humidity, and direct sunlight.

Driver Settings

Accessing the printer software for Windows

You can access the printer software from most Windows applications, from the Windows Start menu, or the taskbar.

When you access the printer software from a Windows application, the settings that you make apply only to the application you are using.

When you access the printer software from the Start menu or the taskbar, the settings that you make apply to all of your Windows applications.

Refer to the appropriate section below.

From Windows applications

Follow the steps below to access the printer software.

- 1. Click Print or Print Setup on the File menu.
- 2. In the dialog box that appears, click Printer, Setup, Options, Preferences, or Properties. (Depending on your application, you may need to click any one or a combination of these buttons.) The printer software starts.

From the Start menu

Follow the steps below to access the printer software.

 For Windows XP, click Start, Control Panel, then click Printers and Faxes. (If the Control Panel is in Category View, click Printers and Other Hardware, then click Printers and Faxes.)

For Windows Me, 98, and 2000, click Start, point to Settings, then click Printers.

2. For Windows XP and 2000, select your printer, then click Printing Preferences on the File menu.

For Windows Me and 98, select your printer, then click Properties on the File menu.

The printer software opens.

From the taskbar

Right-click the printer icon on the taskbar, then select Printer Settings.

Accessing the printer software for Mac OS X

These dialog boxes can be accessed as described below.

Dialog Box	How to Access
Page Setup	Click Page Setup on the File menu of your application.
Print	Click Print on the File menu of your application.

EPSON Printer Utility	Double-click the EPSON Printer Utility icon in the Applications folder in Macintosh HD. Select your printer from the Printer List, then click OK.
	Open the Applications folder on your hard drive, then open the Utilities folder and double-click the Print Center or Printer Setup Utility icon. Select any one of the appropriate printers from the list, then click the Configure or Utility button.

Accessing the printer software for Mac OS 9

These dialog boxes can be accessed as described below.

Dialog Box	How to Access It
Print	Click Print on the File menu of your application or click Options in the Page Setup dialog box.
Page Setup	Click Page Setup on the File menu of your application.
Layout	Click the 🔳 Layout icon button in the Print dialog box.
Utility	Click the 👪 Utility icon button in the Print or Page Setup dialog box.

In addition, the dialog boxes below are accessed from the Print dialog box.

Dialog Box	How to Access It
Background Printing	Click the A Background Printing icon button in the Print dialog box.
Preview	Click the 📵 Preview icon button in the Print dialog box and then click Preview.
Save File	Click the 📵 Preview icon button in the Print dialog box until the Print button changes into the Save File button, then click the Save File button.

Media type settings

The Media Type setting determines what other settings are available, so you should always make this setting first.

Refer to the corresponding media type under which it is grouped (shown in larger type). For some media, there are several Media Type settings from which to choose.

Plain Paper

Plain pape	Plain pa _l	per
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	EPSON Bright White Ink	Jet Paper (A4) S041442
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Photo Quality Ink Jet Paper

EPSON Photo Quality Ink Jet Paper (A3+)	S041069
EPSON Photo Quality Ink Jet Paper (A3)	S041068
EPSON Photo Quality Ink Jet Paper (A4)	S041061
EPSON Photo Quality Self Adhesive Sheet (A4)	S041106

Archival Matte Paper

EPSON Archival Matte Paper (A3+)	S041340
EPSON Archival Matte Paper (A3)	S041344
EPSON Archival Matte Paper (A4)	S041342

Double-Sided Matte Paper

EPSON Double-Sided Matte Paper (A4)	S041569
-	S041570

Matte Paper-Heavyweight

EPSON Matte Paper-Heavyweight (A3+)	S041263 S041264 S041265
EPSON Matte Paper-Heavyweight (A3)	S041260 S041261 S041262
EPSON Matte Paper-Heavyweight (A4)	S041256 S041258 S041259
Premium Glossy Photo Paper	
EPSON Premium Glossy Photo Paper (A3+)	S041289 S041316
EPSON Premium Glossy Photo Paper (A3)	S041288 S041315
EPSON Premium Glossy Photo Paper (A4)	S041285 S041287 S041297 S041624
EPSON Premium Glossy Photo Paper $(10 \times 15 \text{ cm } (4 \times 6 \text{ in}))$	S041692 S041706 S041729 S041730 S041750 S041758 S041761 S041822 S041826
ESPON Premium Glossy Photo Paper (329 mm \times 10 m)	S041378 S041379
EPSON Premium Glossy Photo Paper (210 mm \times 10 m)	S041376 S041377

Premium Luster Photo Paper

EPSON Premium Luster Photo Paper (A3+)	S041407
EPSON Premium Luster Photo Paper (A3)	S041406
EPSON Premium Luster Photo Paper (329 mm \times 10 m)	S041409
EPSON Premium Luster Photo Paper (210 mm × 10 m)	S041408

Premium Semigloss Photo Paper

EPSON Premium Semigloss Photo Paper (A3+)	S041328
EPSON Premium Semigloss Photo Paper (A3)	S041334
EPSON Premium Semigloss Photo Paper (A4)	S041332
EPSON Premium Semigloss Photo Paper (329 mm \times 10 m)	S041338
EPSON Premium Semigloss Photo Paper (210 mm \times 10 m)	S041336
EPSON Premium Semigloss Photo Paper (100 mm × 8 m)	S041330

Velvet Fine Art Paper

EPSON Velvet Fine Art Paper (A3+)	S041637
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Watercolor Paper-Radiant White

EPSON Watercolor Paper-Radiant White (A3+) S041352

Proofing Paper Semimatte

EPSON Proofing Paper Semimatte (A3+)	S041744
EPSON Proofing Paper Semimatte	S041668
$(329 \text{ mm} \times 10 \text{ m})$	

UltraSmooth Fine Art Paper

EPSON UltraSmooth Fine Art Paper (A3+) S041896

Note:

The availability of special media varies by location. For the latest information on media available in your area, contact Epson customer support web site.

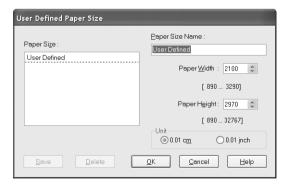
→ See "Contacting Customer Support" on page 379

Making User Defined paper sizes for Windows

Defining a custom paper size

You can define a custom paper size and add it to the list.

1. Select User Defined as the Size setting. The User Defined Paper Size dialog appears.



- 2. Type a name for your paper size in the Paper Size Name box.
- 3. Choose either cm or inch as the Unit setting.
- 4. Specify the width and height for your paper size. The range of available size is shown under each text box.

Note:

Although you can define a large range of paper sizes, the size of paper you can feed into the printer is limited by the size of the sheet feeder on your printer. Therefore, if necessary, it is recommended that you reduce or enlarge documents to fit paper within the range of your printer's capabilities.

5. Click Save, then click OK to return to the Main menu. Your new user-defined paper size name appears as the Size setting.



To delete a custom paper size from the list, open the User Defined Paper Size dialog and select the user-defined paper size name you want to delete. Then, click Delete.

Making User defined paper sizes for Mac OS X

Defining a custom paper size

You can define a custom paper size. You can either create a new paper size, or base your custom paper size on a pre-existing paper size. Refer to the appropriate section below.

Creating a new paper size

If the appropriate paper size is not included on the Paper Size list in the Page Setup dialog box, follow the steps below to define a new paper size.

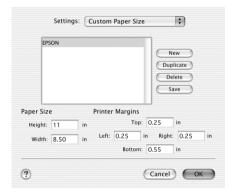
1. In the Page Setup dialog box, select Stylus Photo R2400 as the Format for setting. Then, select Custom Paper Size as the Settings setting. The following dialog box appears.



- 2. To define a new paper size, click New. The dialog box now allows you to enter a name for the new size.
- 3. Type a unique name for the paper size.
- 4. Specify the Paper Size and Printer Margins by typing in the appropriate text boxes.

Note:

- ☐ Although you can define a large range of paper sizes, the size of paper you can feed into the printer is limited by the size of the sheet feeder on your printer. Therefore, if necessary, it is recommended that you reduce or enlarge documents to fit paper within the range of your printer's capabilities.
- When printing on thick paper, set the top and bottom margins to 0.79 inches, and set the left and right margins to 0.12 inches.
- 5. Click Save and then click OK to close the Custom Paper Size dialog box. The paper size name you created is now available on the Paper Size list in the Page Setup dialog box.



To delete a custom paper size, select Custom Paper Size from the Settings pop-up menu, select the paper size from the list, and then click Delete.

Copying a pre-existing paper size to use as a template

Follow the steps below to copy an existing paper size to use as a template.

1. Select the existing paper size to be copied and click Duplicate.

- 2. Specify the Paper Size and Printer Margins by typing in the appropriate text boxes.
- Click Save and then click OK to close the Custom Paper Size dialog box. The paper size is now available on the Paper Size list in the Page Setup dialog box.

Making User Defined paper sizes for Mac OS 9

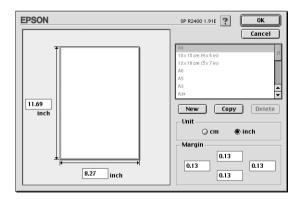
Defining a custom paper size

You can define a custom paper size. To do so, you can either create a new paper size, or base your custom paper size on a pre-existing paper size. Refer to the appropriate section below.

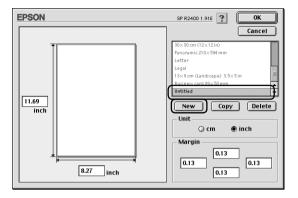
Creating a new paper size

If the appropriate paper size is not included in the Paper Size list in the Page Setup dialog box, follow the steps below to define a new custom paper size.

1. In the Page Setup dialog box, click Customize. The following dialog box appears.



2. To define a new paper size, click New. The dialog box now allows you to enter a name for the new size.



- 3. Type a unique name for the paper size in the Paper Size list.
- 4. Choose either cm or inch as the Unit setting.
- 5. Enter the width and the height of your paper by typing the values in the appropriate text boxes.

Note:

Although you can define a large range of paper sizes, the size of paper you can feed into the printer is limited by the size of the sheet feeder on your printer. Therefore, if necessary, it is recommended that you reduce or enlarge documents to fit paper within the range of your printer's capabilities.

6. Specify the margins by typing in the Margin text boxes or by manipulating the margins in the preview image.

Note:

When printing on thick paper, set the top and bottom margins to 20 mm, and the left and right margins to 3 mm.

7. Click OK to return to the Page Setup dialog box.

You can define up to 100 paper sizes. The paper size names you create will appear in the Paper Size list.

To delete a custom paper size, click Customize, select the paper size from the list in the Custom Paper dialog box, then click Delete.

Copying a pre-existing paper size to use as a template

Follow the steps below to copy an existing paper size to use as a template.

- 1. Select the existing paper size to be copied and click Copy.
- 2. Choose either cm or inch as the Unit setting.
- 3. Specify the margins by typing in the Margin text boxes or by manipulating the margins in the preview image.
- 4. Click OK.

Customer Support

Contacting Customer Support

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact customer support services for assistance. Check your Pan-European Warranty Document for information on how to contact EPSON Customer support. They will be able to help you much more quickly if you give them the following information:

_	Product serial number (The serial number label is usually on the back of the product.)
_	Product model
<u></u>	Product software version (Click About, Version Info, or similar button in the product software.)
⊐	Brand and model of your computer
_	Your computer operating system name and version
⊐	Names and versions of the software applications you normally use with your product

Technical Support Web Site

Go to http://www.epson.com and select the Support section of your local EPSON web site for the latest drivers, FAQs, manuals and other downloadables.

Epson's Technical Support Web Site provides help with problems that cannot be solved using the troubleshooting information in your printer documentation.

Glossary

The following definitions apply specifically to printers.

automatic roll paper cutter

The built-in paper cutter, which automatically cuts images printed continuously on roll paper.

Background Printing

When background printing is on, the computer can be used for other operations while printing a document. When it is off, the computer will suspend all other operations while printing a document, but print data will be sent to the printer more quickly.

banding

The horizontal lines that sometimes appear when printing graphics. See also *MicroWeave*.

Bluetooth

A wireless technology that enables different devices to communicate without the need for cable connections.

Borderless printing

A printing mode that allows you to print without margins on all four sides of the paper.

brightness

The lightness or darkness of an image.

CMYK

Cyan (blue-green), magenta, yellow, and black. These colored inks are used to create the printed colors in the subtractive system.

Collate

A setting that has the printer print copies of multiple-page documents in complete sets rather than print copies of the document page by page.

color matching

Generic term for methods of processing color data so that colors displayed on a computer screen closely match colors in printouts. A variety of color-matching software or systems are used for different occasions. See also *ColorSync* and *ICM* (*Image Color Matching*).

ColorSync

Macintosh software that is designed to help you achieve the color matching. See also *color matching*.

Contrast

A setting that maximizes or minimizes the difference between the bright and dark parts of an image.

default

A value or setting that takes effect when the equipment is turned on, reset, or initialized.

DMA

Direct Memory Access. A data transfer feature that bypasses a computer's CPU and allows direct communication between a computer and peripheral devices (like printers), and between one peripheral device and another.

Double-Sided Printing

A printing mode that allows you to print on both sides of the paper.

dpi

Dots per inch. The dpi measures the resolution. See also resolution.

drive

A memory device, such as a hard disk, CD-ROM, or floppy disk drive. In Windows, a letter is assigned to each drive for easy management.

driver

Software that sends instructions to a computer peripheral to tell it what to do. For example, your printer driver accepts print data from your word processor application and sends instructions to the printer on how to print this data. Together, the printer driver and printer utilities are referred to as "printer software". See also *printer software*.

economy printing

Printing in which images are printed with fewer dots to save ink.

Edge Smoothing

Improves the print quality of low-resolution images by smoothing jagged edges and lines. This setting has no effect on high-resolution images or on text.

EPSON MonitorIV

A utility for Macintosh that allows you to manage print jobs that are in a print queue. This utility also shows the status of the job currently being printed. (See print queue)

EPSON StatusMonitor

A utility for Macintosh that monitors the printer status. If the StatusMonitor detects a printer error, it will inform you with an error message.

EPSON Status Monitor 3

A utility for Windows that provides printer status information, such as the amount of ink remaining, and checks for printer errors.

Finest Detail

This printer software setting automatically makes your printouts sharper and clearer, especially for text. Be aware that this may increase the time required for printing.

Fit to Page printing

A printing mode that automatically enlarges or reduces the size of your document to fit the paper size selected in the printer software.

font

A set of type characters of one style and size.

Gamma

A setting that controls image contrast by modifying the mid-tones and mid-level grays.

grayscale

A scale of shades of gray from black to white. Grayscale is used to represent colors when printing with black ink only.

Head Cleaning utility

A utility that cleans the print head, allowing the print head nozzles to deliver ink properly.

high speed printing

Printing in which the print head prints images in both directions as it moves back and forth. This provides faster printing.

ICM (Image Color Matching)

The color matching method used by Windows. See also color matching

ink cartridge

Contains the ink that your printer uses to print.

ink jet

A method of printing in which each letter or symbol is formed by precisely spraying ink onto paper.

Ink Levels

A graphic display of the amount of ink remaining in each cartridge.

interface

The connection between the computer and the printer. See also *parallel interface* and *USB interface*.

interface cable

The cable that connects the computer to the printer.

local printer

The printer connected to the computer's port directly by an interface cable.

margins

The space around the edge of the paper outside of the printable area. See also printable area

media

Materials upon which data is printed, such as plain paper, special paper, and transparency film.

MicroWeave

Printing in which images are printed in finer increments to reduce the possibility of banding. See also *banding*.

Mirror Image

This printer software setting flips your printout, left to right.

monochrome

Printing which uses only one color of ink, usually black.

Nozzle Check utility

A utility that checks the print head nozzles to see if they are clogged and need to be cleaned.

nozzles

Fine tubes in the print head through which ink is sprayed onto the page. Print quality may decline if the print head nozzles are clogged.

operation check

A method for checking the operation of the printer. When you perform a printer operation check, the printer prints some information codes followed by a nozzle check pattern.

Orientation

Settings that determine the orientation of your printout. Select between Portrait (tall) or Landscape (wide).

Pages Per Sheet printing

A printing mode that allows you to print two or four pages on a single sheet of paper.

parallel interface

An interface that is used for one-to-one connection between a computer and a printer. See also *interface*.

PhotoEnhance

A printing mode that provides a variety of image correction settings that you can apply to your photos before printing.

port

An interface channel through which data is transmitted between devices.

Poster Printing

A printing mode that allows you to enlarge a single document page to cover 4, 9, or 16 printed sheets of paper and put them together to make a poster.

printable area

The area of a page on which the printer can print. It is smaller than the physical size of the page due to margins.

printer driver

See driver.

printer software

The printer software which comes with your printer includes a printer driver and printer utilities. The printer driver lets you choose from a wide variety of settings to get the best results from your printer. The printer utilities help you check the printer and keep it in top operating condition. See also *driver* and *utilities*.

printer utilities

See utilities.

Print Head Alignment utility

A utility that aligns the print head so images will print clearly. Used when printed images are blurry, or when misaligned vertical lines or horizontal bands appear in the printout.

PRINT Image Matching

This system enables stunning printing to be achieved easily through the combination of a digital camera loaded with the PRINT Image Matching function and a printer that supports such matching. Print commands are attached to photo data during digital camera photography and the printer adheres to these commands to print photos with the color match that optimally fulfills the objectives of the digitally composed shots.

Print Preview

A setting that allows you to see how your document will look before actually printing it.

print queue

A waiting line in which print jobs that are sent to the printer via network are stored until they can be printed.

Profiles

Standards that allow different devices to operate with one another using Bluetooth wireless technology. Profiles are defined by the uses and features they allow devices to perform, such as printing or scanning from a computer. To share this information, the devices must be compatible with the same profile.

Quality Option settings

A number of print quality settings that are available in the printer software.

Reduce/Enlarge Document

A printing mode that adjusts the printed size of your document.

reset

To return a printer to its defaults by turning the printer off and then quickly back on.

resolution

The number of dots used to represent an image, expressed as (horizontal dots) \times (vertical dots).

Reverse Order

A setting that allows you to print your documents in reverse order, starting with the last page.

RGB

Red, green, and blue. These colors, in phosphors irradiated by a cathode ray tube (CRT) monitor's electron gun, creates the screen colors with additive mixture.

Rotate 180°

A setting that rotates the page to be printed 180 degrees.

Saturation

A setting that modifies the vividness of color. The lower the saturation, the duller the colors. The higher the saturation, the more vivid the colors.

spool

The first step in printing, in which the printer software converts the print data into codes that your printer understands. This data is then sent directly to the printer or to the print server.

spool manager

The software that converts print data into codes that your printer understands. See also *spool*.

sRGB

The color management method used to maintain color consistency between devices which adhere to the sRGB standard.

Status Monitor

The software that allows you to check the printer's status.

USB interface

Universal Serial Bus interface. Enables the user to connect up to 127 peripheral devices (such as keyboards, pointing devices, and printers) to the computer through a single, general-purpose port. USB hubs allow you to add additional ports. See also *interface*.

utilities

Software that allows you to monitor and maintain your printer. Together, utilities and the printer driver are referred to as "printer software". See also *printer software*.

Watermark printing

A printing mode that allows you to print text or an image as a watermark on your printout.

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