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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)"*.

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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")

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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.

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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, envelopes, 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.

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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.

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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 Type 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) × (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.

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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.

How to Print
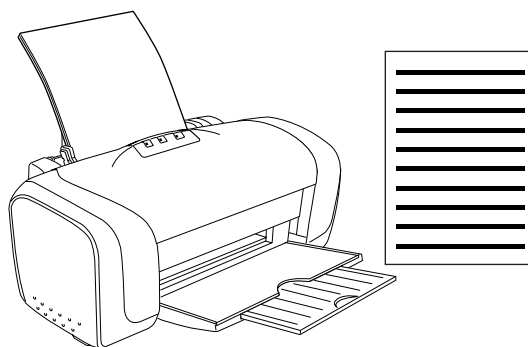
Introduction

This section guides you through the procedures for different kinds of printing.
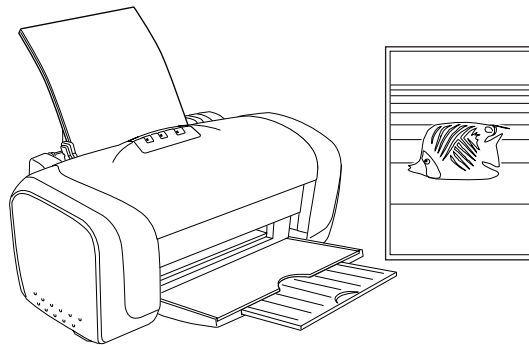
"Printing Text and Web Pages"

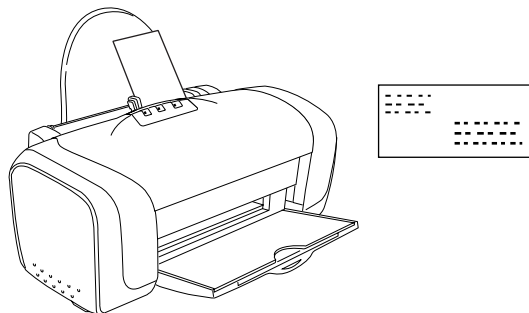Explains how to print documents and images on various sizes or kinds of single-sheet paper.

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"Printing Photos"

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

"Printing on Envelopes"

Explains how to print on envelopes.

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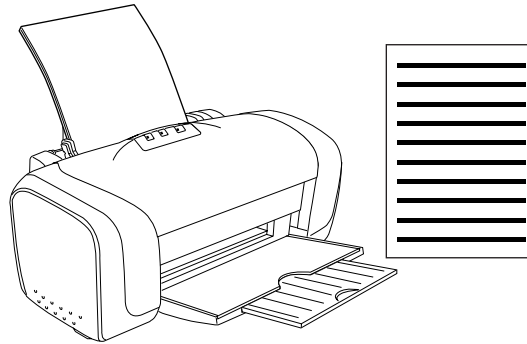
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Printing Text and Web Pages

Handling single sheets of paper

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

"Loading Single Sheets of Paper"

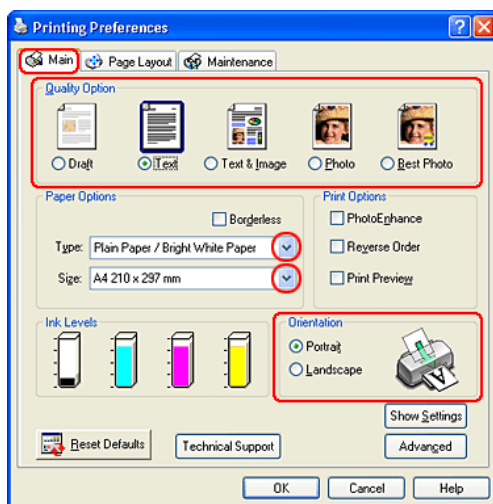When using special media, refer to the section below.

"Using Special Media"

Driver settings for Windows

1. Open the file you want to print.

2. Access the printer driver.

   "Accessing the Printer Software for Windows"

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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"

4. Make the appropriate Type setting.

   "Media Type Settings"

5. 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"

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

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

8. Print your data.

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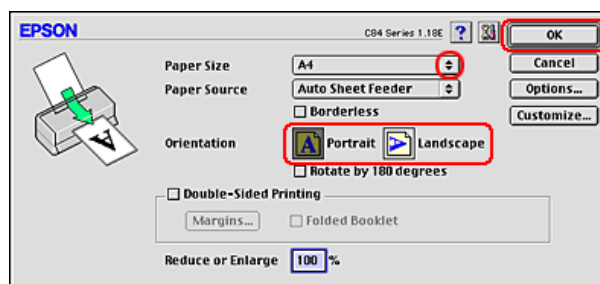A5 size

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Driver settings for Mac OS 8.6 to 9.x

1. Open the file you want to print.

2. Access the Page Setup dialog box.

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"

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 8.6 to 9.x"

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

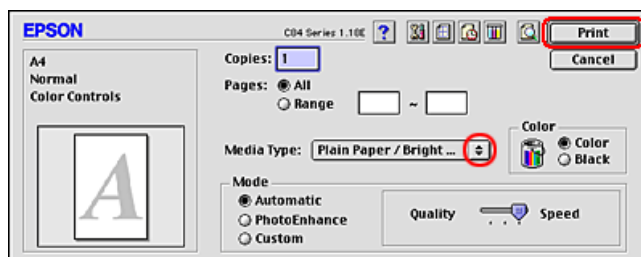5. Click OK to save the settings and close the Page Setup dialog box.

6. Access the Print dialog box.

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"
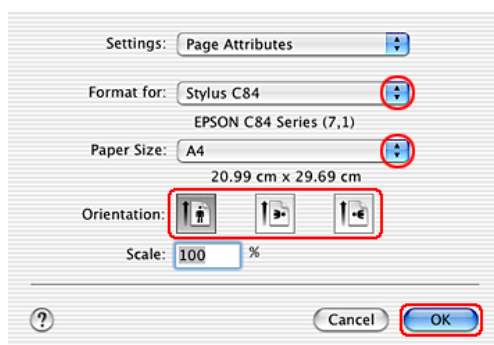
7. Make the appropriate Media Type setting.

    "Media Type Settings"

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8. Click Print to start printing.

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"

3. Make the appropriate Format for setting. When printing with standard margins, select Stylus C84.

4. Make the appropriate Paper Size and Orientation settings.

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

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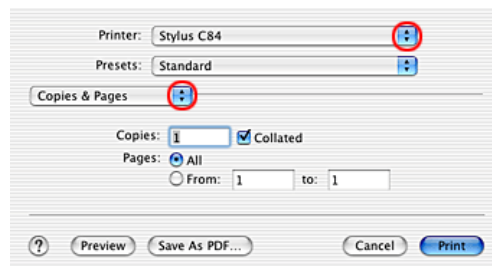6/10/03

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6.   Access the Print dialog box.

     "Accessing the Printer Software for Mac OS X"

7.   Make the Printer setting so that it matches the Format for
     setting you made in the Page Setup dialog box in step 3. Then
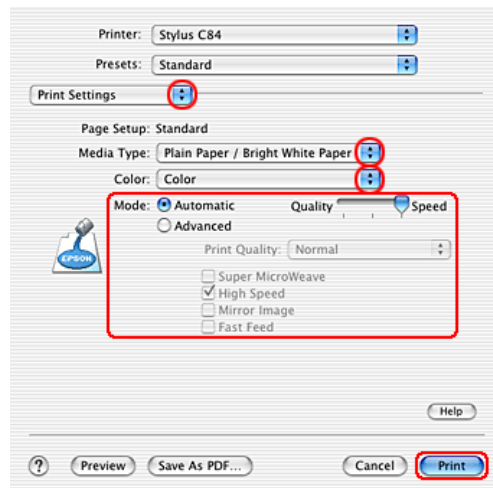   make the Copies & Pages settings.

     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.*

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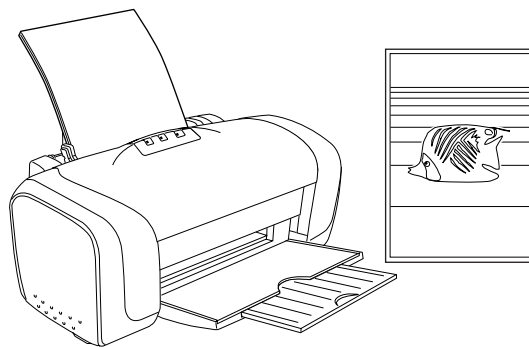   Mac OS X. See your operating system's documentation for
         details.*

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"

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10. Click Print to start printing.

Printing Photos

Handling single sheets of paper

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

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"Loading Single Sheets of Paper"

When using special media, refer to the section below.

"Using Special Media"

Driver settings for Windows

1. Open the file you want to print.

2. Access the printer driver.

    "Accessing the Printer Software for Windows"

3. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
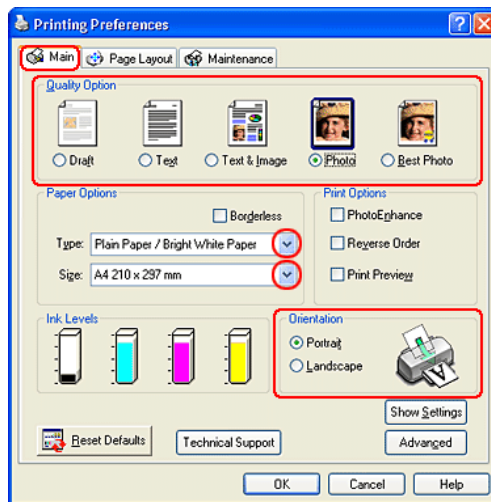   ➡ See "Quality Option"

4. Make the appropriate Type setting.

    "Media Type Settings"

5. 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"

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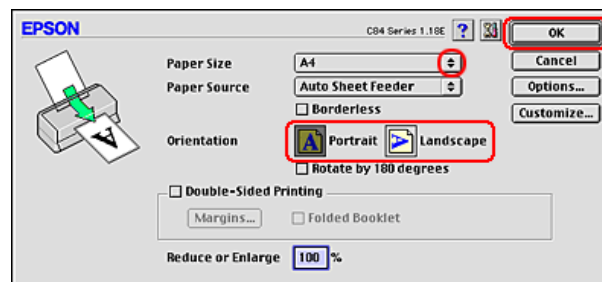6. Select Portrait (tall) or Landscape (wide) to change the orientation of your printout.

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

8. Print your data.

Driver settings for Mac OS 8.6 to 9.x

1. Open the file you want to print.

2. Access the Page Setup dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

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 8.6 to 9.x"

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

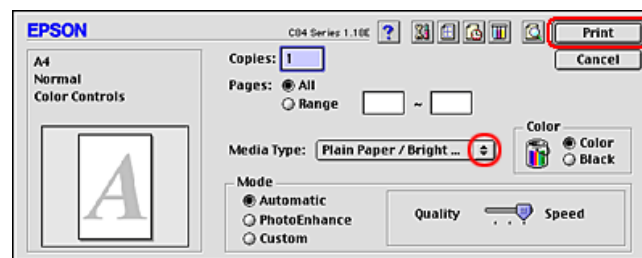5. Click OK to save the settings and close the Page Setup dialog box.

6. Access the Print dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

7. Make the appropriate Media Type setting.

   "Media Type Settings"
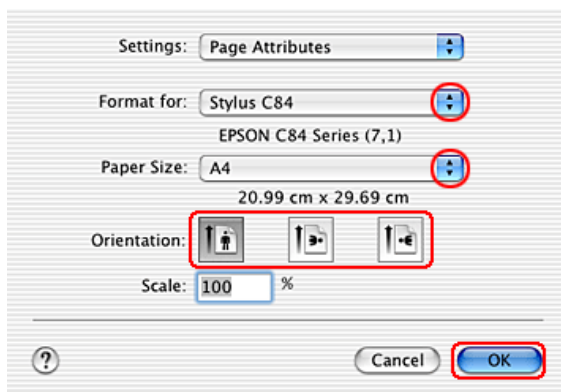
8. Click Print to start printing.

Driver settings for Mac OS X

1. Open the file you want to print.

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2. Access the Page Setup dialog box.

    "Accessing the Printer Software for Mac OS X"

3. Make the appropriate Format for setting. When printing with standard margins, select Stylus C84.

4. Make the appropriate Paper Size and Orientation settings.

5. Click OK to close the Page Setup dialog box.
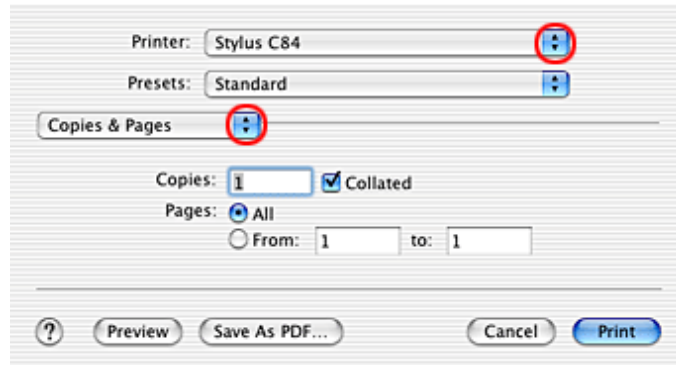
6. Access the Print dialog box.

    "Accessing the Printer Software for Mac OS X"

7. Make the Printer setting so that it matches the Format for setting you made in the Page Setup dialog box in step 3. Then make the Copies & Pages settings.
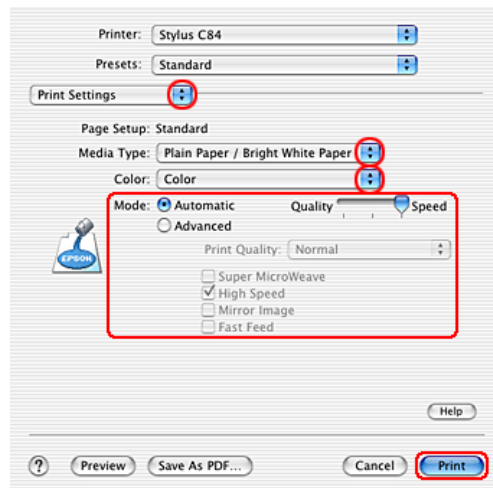
    Note:
    ❏ *Always match the Format for setting in the Page Setup dialog box and the Printer setting in the Print dialog box. Otherwise the data may not be printed correctly.*

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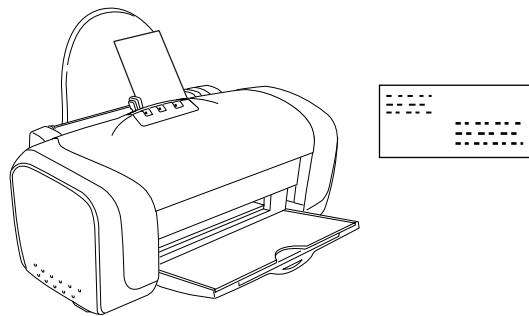

8. Select Print Settings from the pop-up menu.

9. Make the appropriate Media Type, Color, and Mode settings.
   ➜ See "Print Settings"

   "Media Type Settings"

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10. Click Print to start printing.

Printing on Envelopes

Handling envelopes

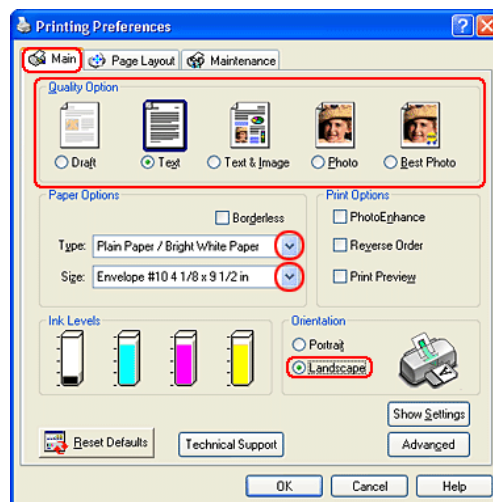Refer to the section below for loading envelopes.

"Loading Envelopes"

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Refer to the section below for the printable area.
➡ See "Printable area"

Driver settings for Windows

1. Access the printer driver.

   "Accessing the Printer Software for Windows"

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"

3. Select Plain Paper / Bright White Paper as the Type setting.

4. Select the appropriate envelope size from the available Size
   settings. You can also define a custom paper size. For details,
   see the following section.

   "Making User Defined Paper Sizes for Windows"

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5. Select Landscape as the Orientation setting.

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

7. Print your data.

Note:
The Economy *setting that is offered under Paper & Quality Options in the Advanced menu is not enabled when printing envelopes.*
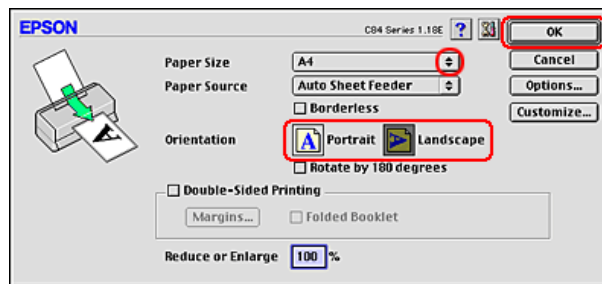
Driver settings for Mac OS 8.6 to 9.x

1. Access the Page Setup dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

2. Select the appropriate envelope size from the available Paper Size settings. You can also define a custom paper size. For details, see the following section.

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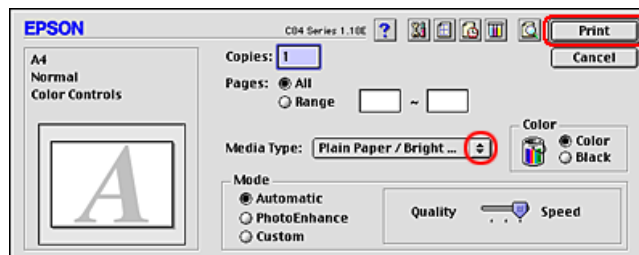"Making User Defined Paper Sizes for Mac OS 8.6 to 9.x"

3. Select Landscape as the Orientation setting.

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 8.6 to 9.x"

6. Select Plain Paper/Bright White Paper as the Media Type setting.

7. Click Print to start printing.

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Note:
The Economy Custom mode and the Economy *setting that is offered under Print Quality in the Advanced dialog box are not enabled when printing envelopes.*

Driver settings for Mac OS X

1. Access the Page Setup dialog box.

    "Accessing the Printer Software for Mac OS X"

2. Select Stylus C84 as the Format for setting.

3. Select the appropriate envelope size as the Paper Size setting.

4. Select Landscape as the Orientation setting.

5. Click OK to close the Page Setup dialog box.
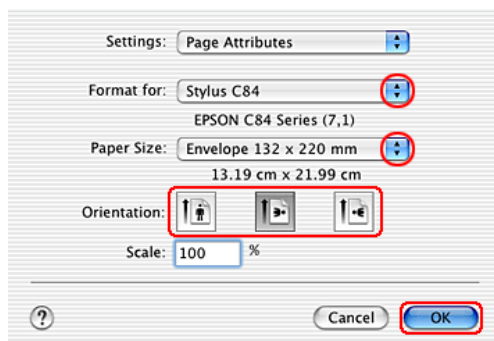
6. Access the Print dialog box.

    "Accessing the Printer Software for Mac OS X"

7. Select Stylus C84 as the Printer setting, then make the Copies & Pages settings.
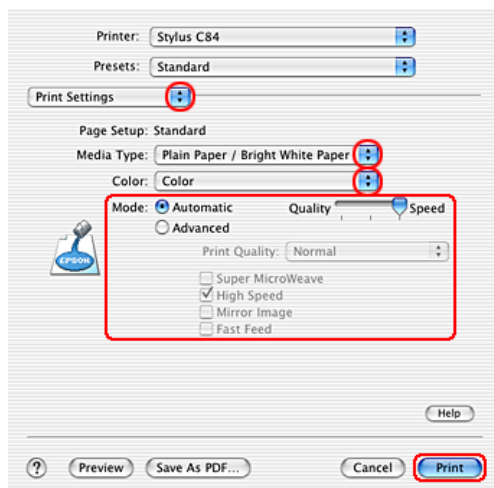
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Note:
❏ *Always match the Format for setting in the Page Setup dialog box and the Printer setting in the Print dialog box. Otherwise the data may not be printed correctly.*

❏ *The Copies & Pages settings available are a standard feature of Mac OS X. See your operating system's documentation for details.*
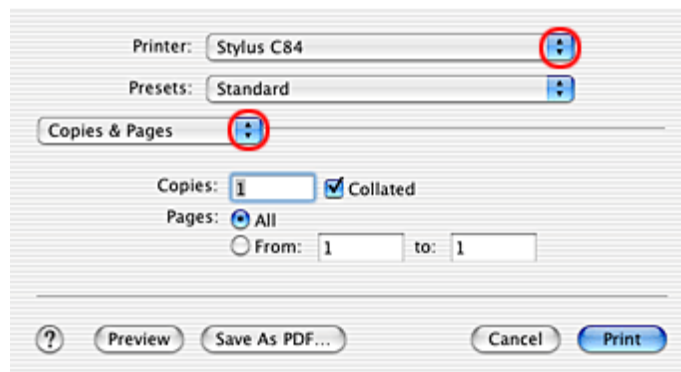
8. Select Print Settings from the pop-up menu.

9. Select Plain Paper/Bright White Paper as the Media Type setting, then make the appropriate Color and Mode settings.
➡ See "Print Settings"

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10. Click Print to start printing.

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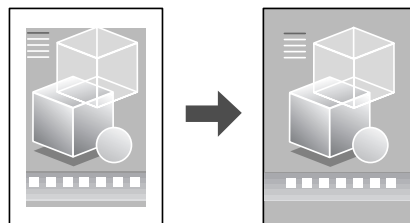# Various Printing Options

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.

"Borderless Printing"

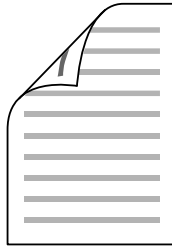Lets you print without margins on all four sides of the paper.

"Double-Sided Printing"

Lets you print on both sides of the paper.

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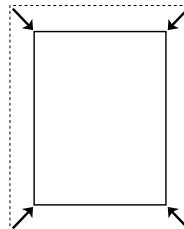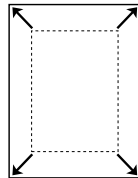S.Kodama CRE Kawakami
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Note:
This feature is not available with Mac OS X.

"*Fit to Page Printing*"

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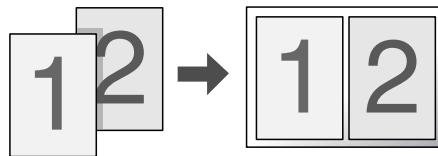document to fit the paper size selected in the printer software.

Note:
This feature is not available with Mac OS X.

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"*Pages Per Sheet Printing*"

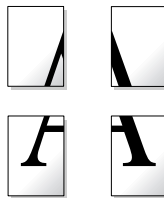Lets you print two or four pages on a single sheet of paper.

"*Poster Printing*"

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

Note:
This feature is not available with Mac OS X.

"*Watermark Printing*"

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

Note:
This feature is not available with Mac OS X.

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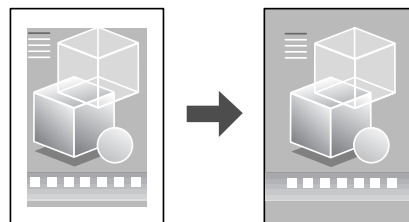6/10/03

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

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.

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Note:

❏ *Using EPSON PhotoQuicker included on the CD-ROM is the easiest and quickest way to create borderless photos with this printer. EPSON PhotoQuicker also includes a number of features that help you create outstanding photos. For more details, double-click the* ESC84 Software Guide *icon on the desktop to view Photo Print Software Setup.*

❏ *EPSON PhotoQuicker is not available for Windows NT 4.0 or Mac OS X.*

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

Compatible media

You can use the following media with this feature:

DURABrite Photo Paper	A4, 100 × 150 mm
DURABrite Ink Glossy Photo Paper	Letter, 4 × 6"
Photo Paper	A4, Letter, 4 × 6", 100 × 150 mm
Matte Paper - Heavyweight	A4, Letter, 8 × 10"
Premium Semigloss Photo Paper	A4, Letter

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.*

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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 will not be printed.

When creating data in an application for print, 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.

Loading paper

After you have selected the media, load it into the printer. Refer to the following section for details.

"Loading Single Sheets of Paper"

Driver settings for Windows

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

1. Access the printer driver.
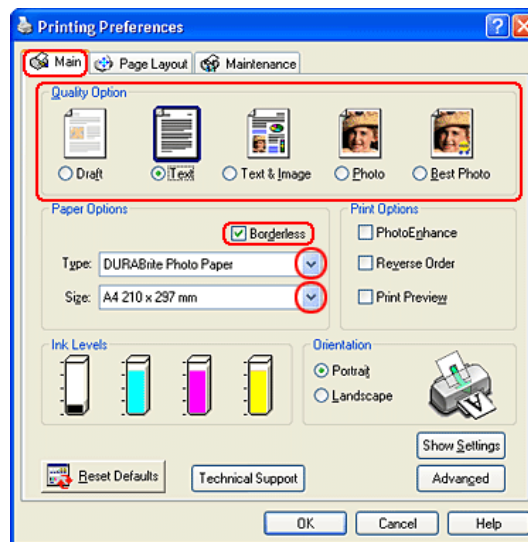
   "Accessing the Printer Software for Windows"

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"

3. Select the Borderless check box.

4. Make the appropriate Type setting.

   "Media Type Settings"

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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.

Note:
*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
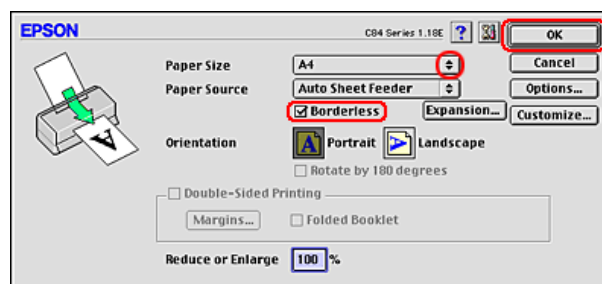becomes available on the Page Layout menu.*

Driver settings for Mac OS 8.6 to 9.x

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

1. Access the Page Setup dialog box.

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"Accessing the Printer Software for Mac OS 8.6 to 9.x"

2. Make the appropriate Paper Size setting.

3. 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 8.6 to 9.x"

6. Make the appropriate Media Type setting.

"Media Type Settings"

7. Click Print to start printing.

Note:
❏ *Print one test copy and examine the results before printing an entire job.*

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❏ *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.*
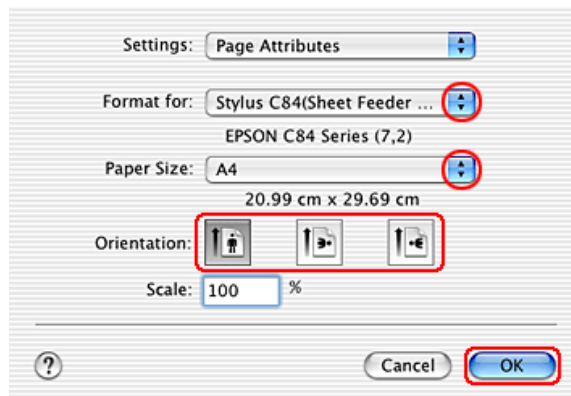

Driver settings for Mac OS X

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"

2. Select Stylus C84 (Sheet Feeder - Borderless) as the Format for setting.

3. Make the appropriate Paper Size and Orientation settings.

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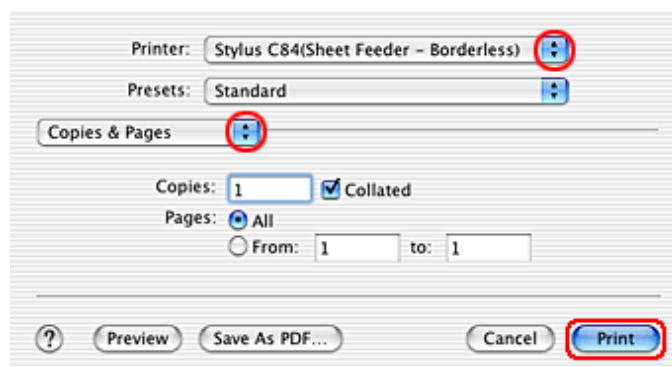4. Click OK to close the Page Setup dialog box.

5. Access the Print dialog box.

    "Accessing the Printer Software for Mac OS X"

6. Select Stylus C84 (Sheet Feeder - Borderless) 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.*

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❏ *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.*
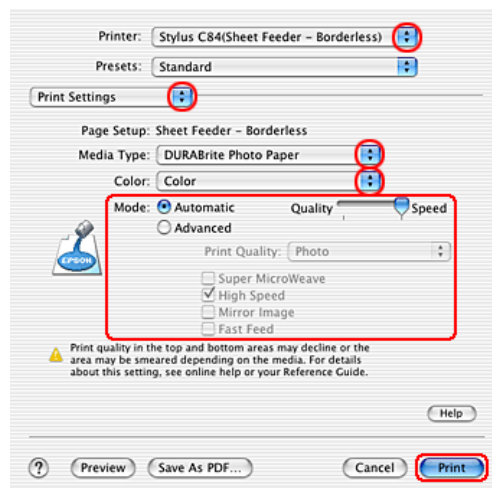
7. Select Print Settings from the pop-up menu.

8. Make the appropriate Media Type, Color, and Mode settings.
   ➜ See "Print Settings"

   "Media Type Settings"

9. 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"*

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.
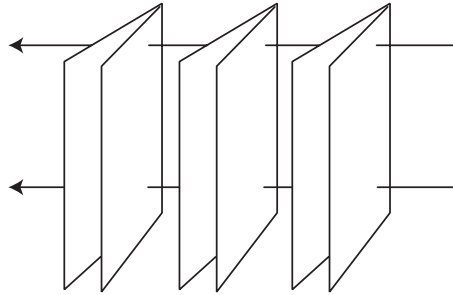
Single-fold booklet

✽: 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.*

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❏ *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.

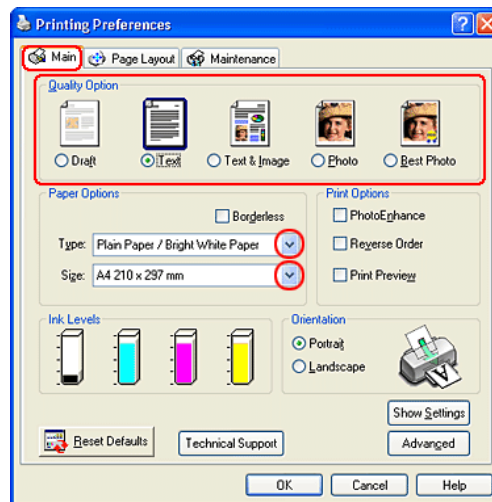   "Accessing the Printer Software for Windows"

2. Click the Main tab, then make the Quality Option setting. See the following section for details on the Quality Option settings.
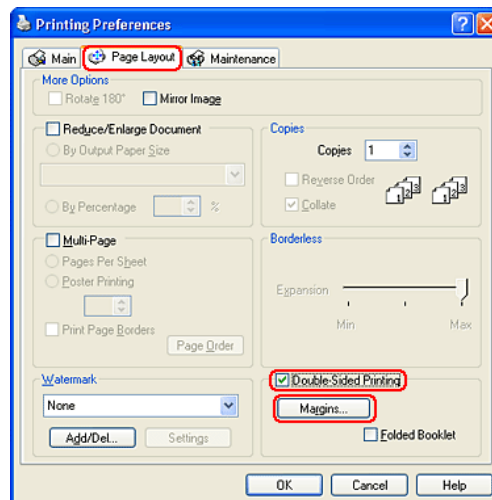   ➡ See "Quality Option"

3. Make the appropriate Type setting.

    "Media Type Settings"

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4.   Make the appropriate Size setting.
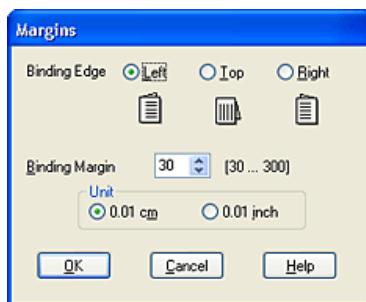

5.   Click the Page Layout tab, then select the Double-Sided Printing check box.

6.   Click Margins to open the Margins dialog box.

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

8. Choose cm or inch as the Unit setting. Then, specify the width of the binding margin. You can enter any width from 3 mm to 30 mm, or from 0.12 inches to 1.18 inches.
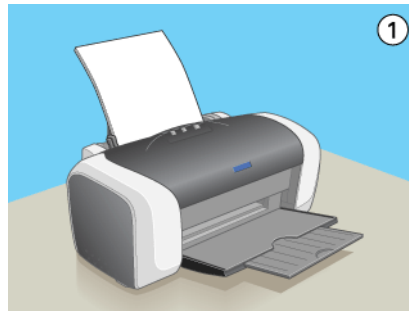
Note:
The actual binding margin may be different from the specified settings depending on your application. Experiment with a few sheets to examine actual results before printing the entire job.

9. Click OK to return to the Page Layout menu. Then, click OK to save your settings.

10. 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"

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11. 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 "Paper Does Not Feed Correctly"*

12. Once the paper is reloaded, click Resume to print the even-numbered pages.

Standard double-sided printing for Macintosh

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

1. Access the Page Setup dialog box.

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2. Make the appropriate Paper Size setting.

3. Select the Double-Sided Printing check box.
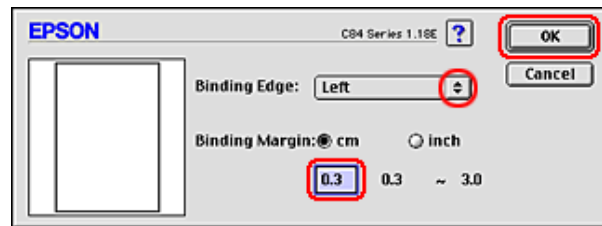
4. Click Margins.
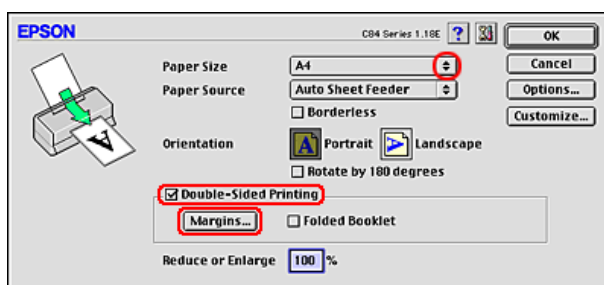
5. Specify the edge of the paper where the binding will be placed. You can choose Left, Top, or Right.

6. 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.

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

8. Access the Print dialog box.
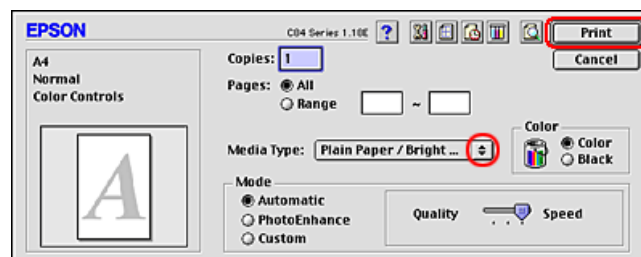
   "Accessing the Printer Software for Mac OS 8.6 to 9.x"
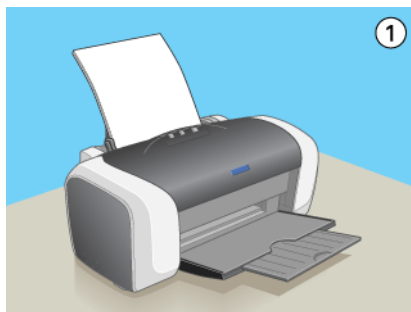
9. Make the appropriate Media Type setting.

   "Media Type Settings"

10. 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"

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11. 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 "Paper Does Not Feed Correctly"*

12. 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.

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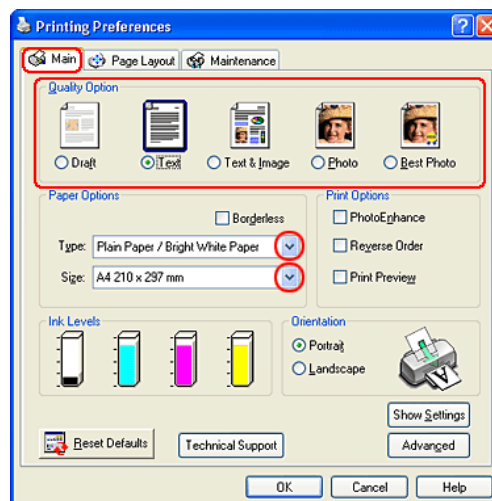
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1. Access the printer driver.

    "Accessing the Printer Software for Windows"

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"
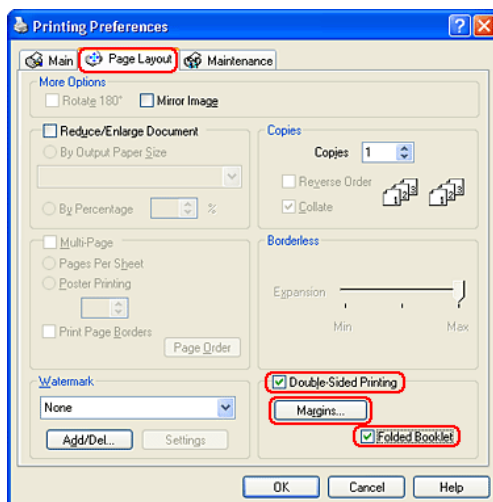
3. Make the appropriate Type setting.

    "Media Type Settings"

4. Make the appropriate Size setting.

5. Click the Page Layout tab and select the Double-Sided Printing check box. Then, select the Folded Booklet check box.

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6. Click Margins to open the Margins dialog box.
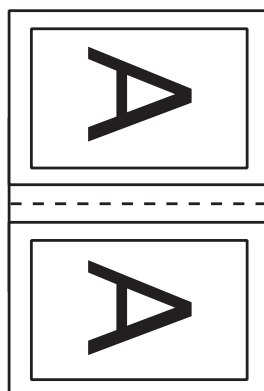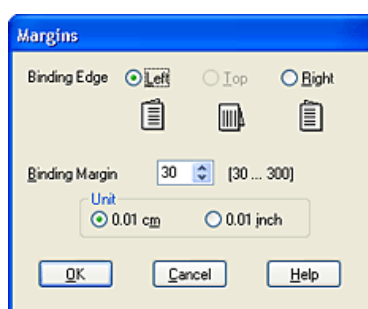

7. Specify the edge of the paper where the binding will be placed. You can choose Left, Top, or Right.

   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.*

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8. Choose cm or inch as the Unit setting. Specify the width of the binding margin. You can enter any width from 3 mm to 30 mm, 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).
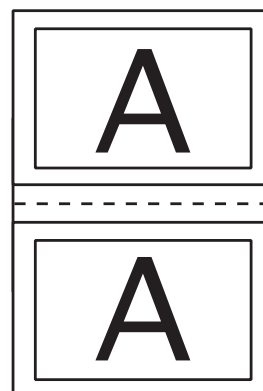
Portrait

Landscape

*: Folding edge

**: Margin

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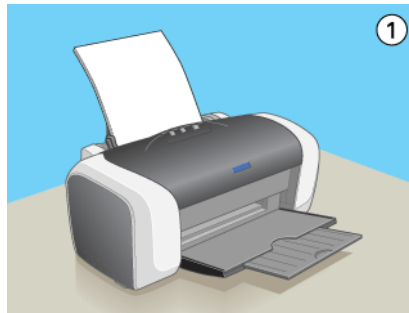S.Kodama CRE Kawakami
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9. Click OK to return to the Page Layout menu. Then, click OK to save your settings.

10. 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"

11. 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 "Paper Does Not Feed Correctly"*

12. Once the paper is reloaded, click Resume to print the inside pages.

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

Folded Booklet double-sided printing for Macintosh

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 8.6 to 9.x"

2. Make the appropriate Paper Size setting.

3. Select the Double-Sided Printing check box. Then, select the
   Folded Booklet check box.

4. Click Margins.
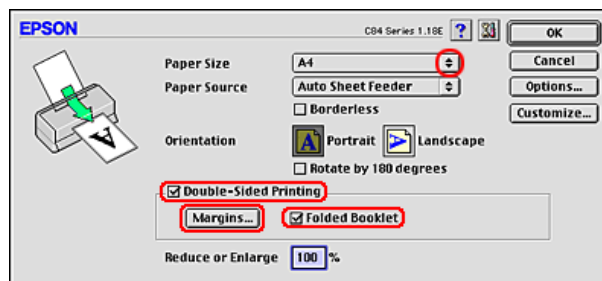
5. Specify the edge of the paper where the binding will be
   placed. You can choose Left, Top, or Right.

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Note:
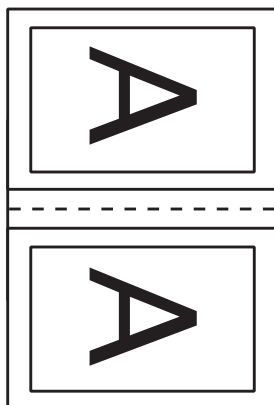*When* Portrait *is selected as the Orientation setting in the Page Setup dialog box, the* Left *or* Right *binding positions are available. The* Top *binding position is supported when* Landscape *is selected as the Orientation setting.*

6. 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 0.1-cm margin is specified, a 0.2-cm margin will be inserted (a margin of 10 mm will be placed on each side of the fold).

Portrait   Landscape

✳: Folding edge
✳✳: Margin

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

8. Access the Print dialog box.

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"

9. Make the appropriate Media Type setting.

    "Media Type Settings"

10. 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"

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11. 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.*
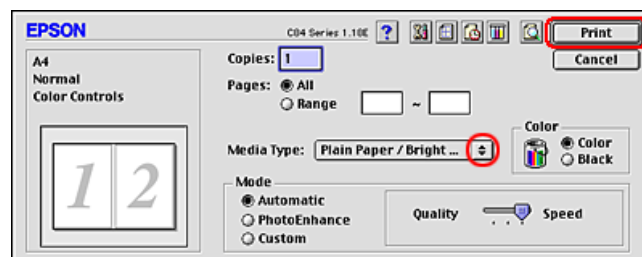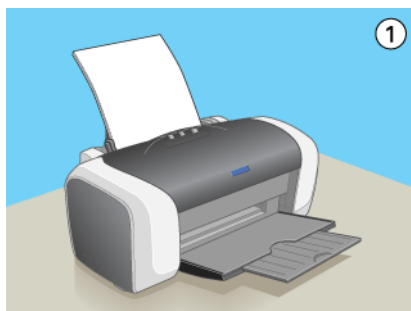
❏ *Align the sheet stack by tapping its edges against a hard, flat surface before reloading the stack into the printer.*

❏ *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 "Paper Does Not Feed Correctly"*

12. Once the paper is reloaded, click Resume to print the inside pages.

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

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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).*

Loading paper

Load paper into your printer.

"Loading Single Sheets of Paper"

Driver settings for Windows

1. Access the printer driver.

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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"

3. Make the appropriate Type setting.

   "Media Type Settings"

4. Make the appropriate Size setting.
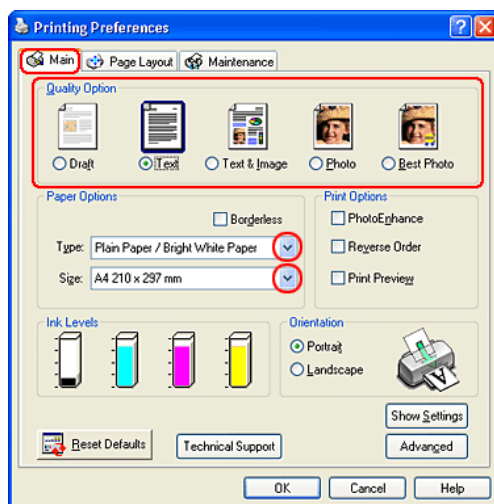
5. Click the Page Layout tab, then select the Reduce/Enlarge Document check box. You can select the following settings to change the size of your document.

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.

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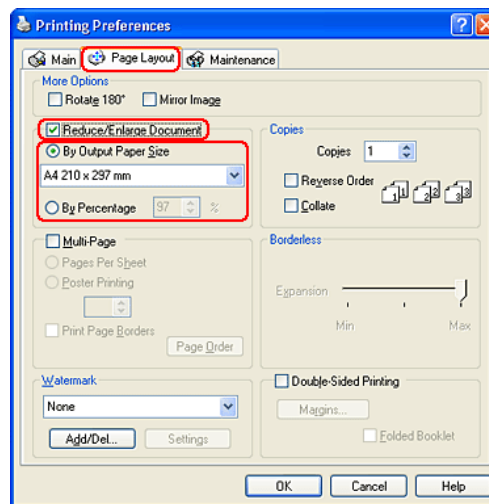
7. Click OK to close the printer driver settings dialog box.

After finishing all steps above, start printing.

Driver settings for Mac OS 8.6 to 9.x

1. Access the Page Setup dialog box.

"Accessing the Printer Software for Mac OS 8.6 to 9.x"

2. Make the appropriate Paper Size setting.

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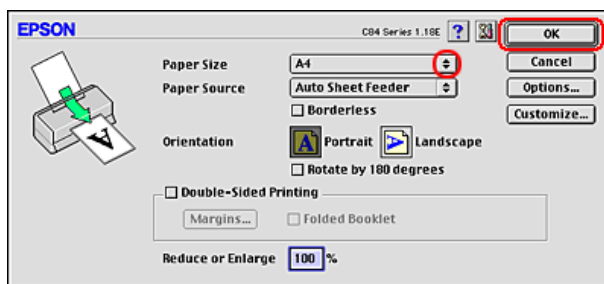
4. Access the Print dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

5. Make the appropriate Media Type setting.

   "Media Type Settings"

6. Click the ▦ Layout icon button.
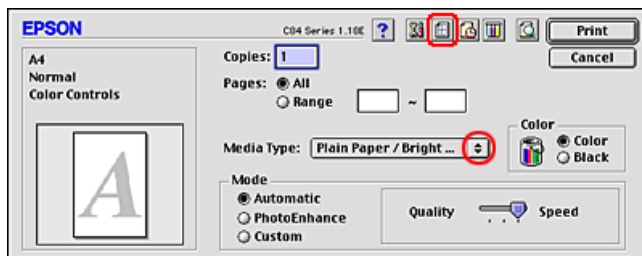
7. Select the Fit to Page check box.

8. Select the paper size loaded in your printer from the Output Paper Size list.

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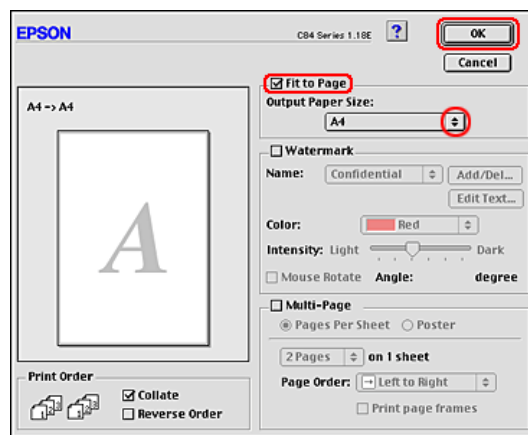
10. Click Print to start printing.

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 8.6 to 9.x).*

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Loading paper

Load paper into your printer.

"Loading Single Sheets of Paper"

Driver settings for Windows

1. Access the printer driver.

    "Accessing the Printer Software for Windows"

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"

3. Make the appropriate Type setting.

    "Media Type Settings"

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4. Make the appropriate Size setting.

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

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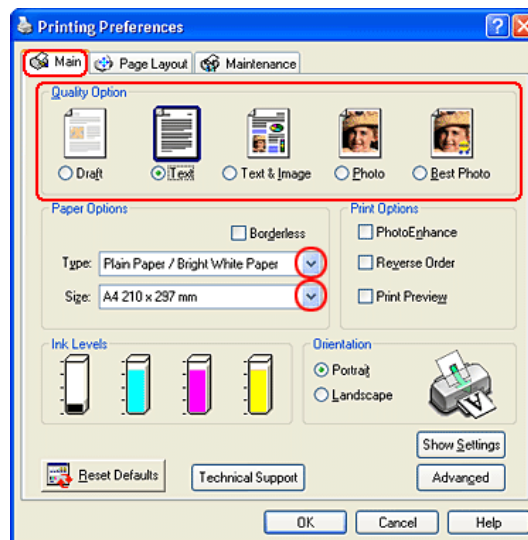
6. Make the following settings for Pages Per Sheet printing.

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.

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

After finishing all of the steps above, start printing.

Driver settings for Mac OS 8.6 to 9.x

1. Access the Page Setup dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

2. Make the appropriate Paper Size setting.

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

4. Access the Print dialog box.

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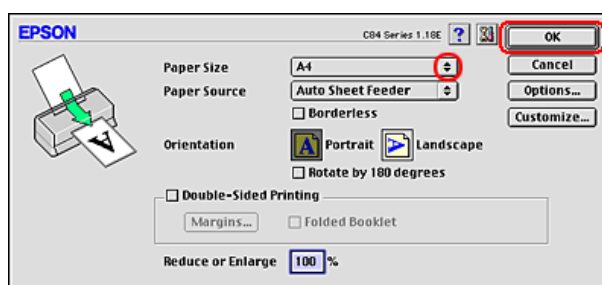
"Accessing the Printer Software for Mac OS 8.6 to 9.x"

5. Make the appropriate Media Type setting.

"Media Type Settings"

6. Click the ▦ Layout icon button.
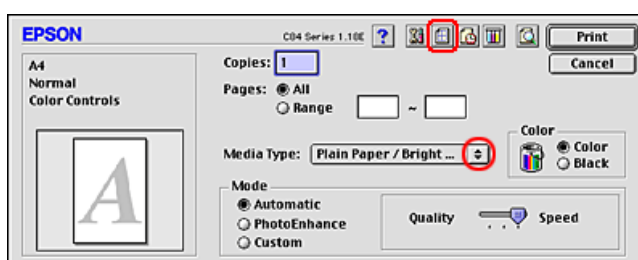
7. Select the Multi-Page check box in the Layout dialog box, then select Pages per Sheet.
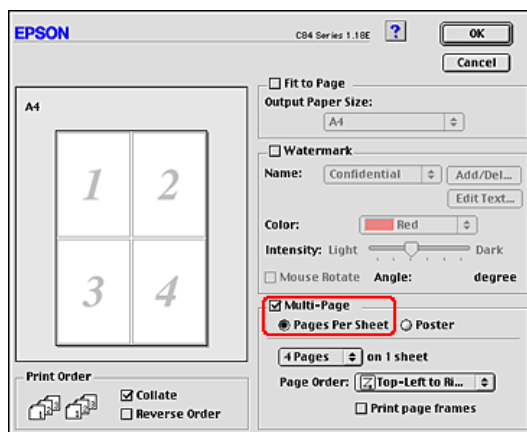
8. Make the following settings for Pages Per Sheet printing.

2 Pages, 4 Pages	Prints two or four pages of your document on a single piece of paper.

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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.

9. Click OK to save the settings and close the Layout dialog box.

10. Click Print to start printing.

Driver settings for Mac OS X

1. Access the Page Setup dialog box.

   "Accessing the Printer Software for Mac OS X"

2. Select Stylus C84 as the Format for setting.

3. Make the appropriate Paper Size and Orientation settings.

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

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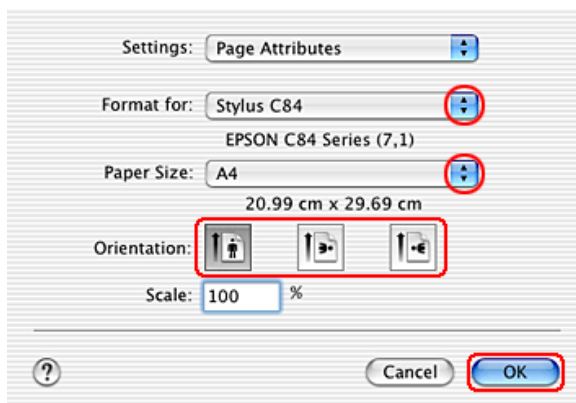
5.   Open the Print dialog box.

     "Accessing the Printer Software for Mac OS X"

6.   Select Stylus C84 as the Printer setting, then make the Copies
     & Pages settings.

     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.*

     ❏   *The Copies & Pages settings available are a standard feature of
         Mac OS X. See your operating system's documentation for
         details.*
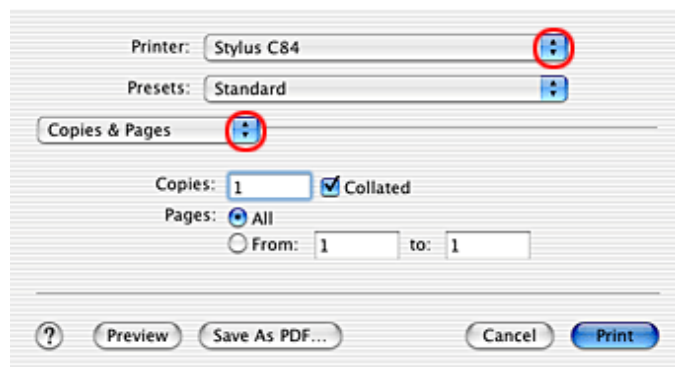
7.   Select Layout from the pop-up menu.

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.

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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.
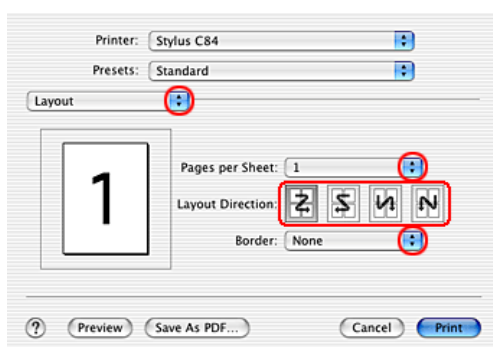
9. Select Print Settings from the pop-up menu.

10. Make the appropriate Media Type, Color, and Mode settings.
   ➜ See "Print Settings"

   "Media Type Settings"

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11. Click Print to start printing.
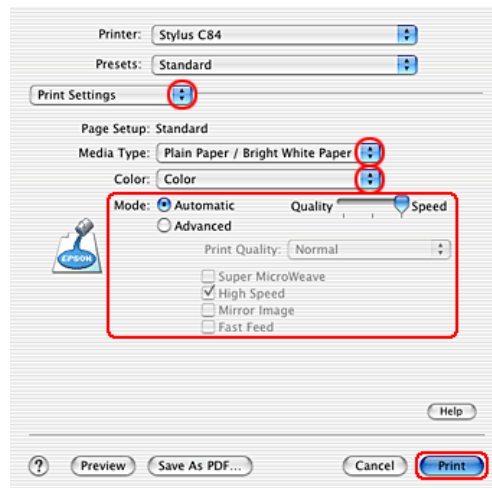
Poster Printing

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

Note:
❏ *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).*

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Loading paper

Load paper into your printer.

"Loading Single Sheets of Paper"

Driver settings for Windows

1. Access the printer driver.

    "Accessing the Printer Software for Windows"

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"

3. Make the appropriate Type setting.

    "Media Type Settings"

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4. Make the appropriate Size setting.

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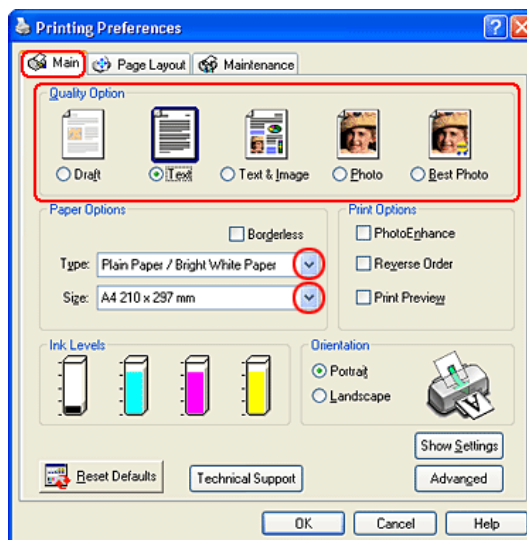
5. Click the Page Layout tab, select Multi-Page, then select Poster Printing. Click the up or down arrow to select 2x2, 3x3, or 4x4.

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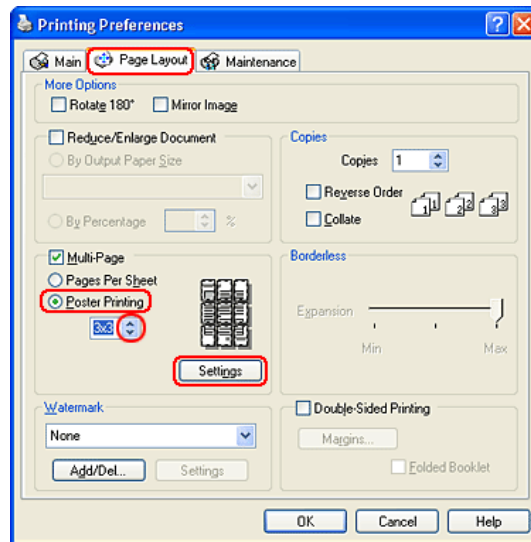
6. Click Settings to adjust the way your poster will print. The Poster Settings dialog box opens.
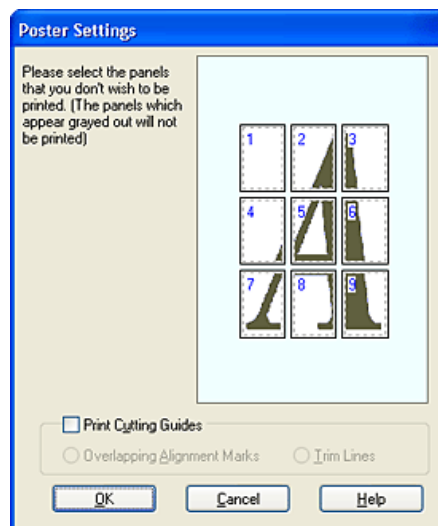
7. Make the following settings.

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.

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

After finishing all of the steps above, start printing.

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Driver settings for Mac OS 8.6 to 9.x

1. Access the Page Setup dialog box.

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"

2. Make the appropriate Paper Size setting.

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

4. Access the Print dialog box.

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"

5. Make the appropriate Media Type setting.

    "Media Type Settings"

6. Click the Layout icon button.

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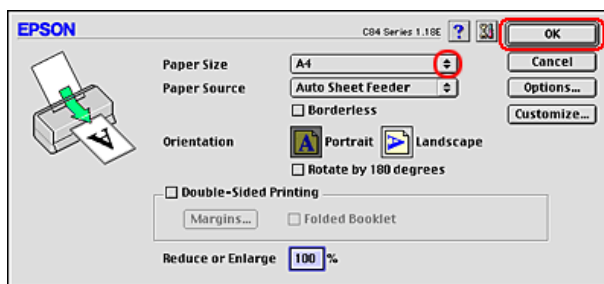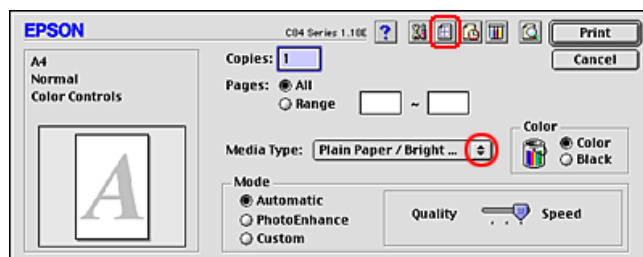
7. Select the Multi-Page check box in the Layout dialog box, then select Poster.
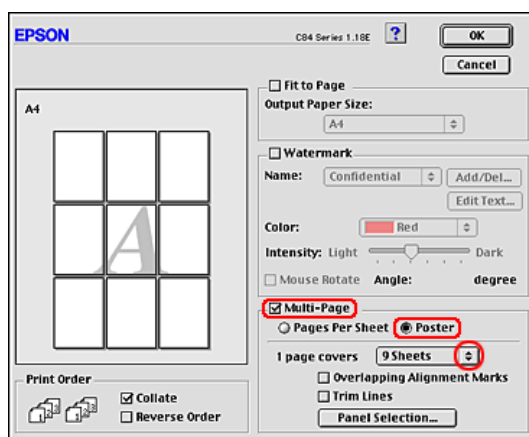
8. Make the following settings.

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.

9. Click OK to save the settings and close the Layout dialog box.

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10. 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
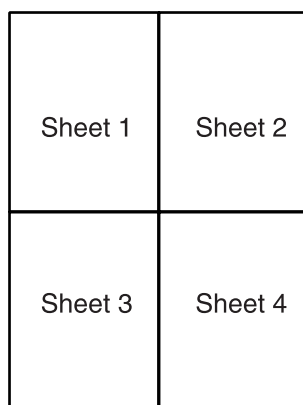
1. Cut off the margin of Sheet 1 along a vertical line through the center of the top and bottom cross marks, as shown in the illustration below.

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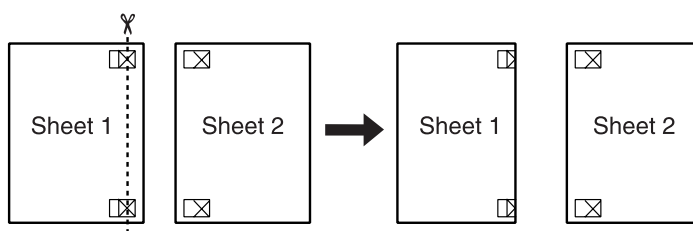
2. Place the edge of Sheet 1 on top of Sheet 2 and align the cross marks, then temporarily tape the two sheets together from the back side.
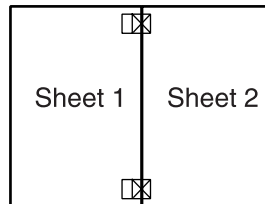
3. Cut the taped sheets in two along a vertical line through the alignment markers (this time, a line to the left of the cross marks), as shown in the illustration below.
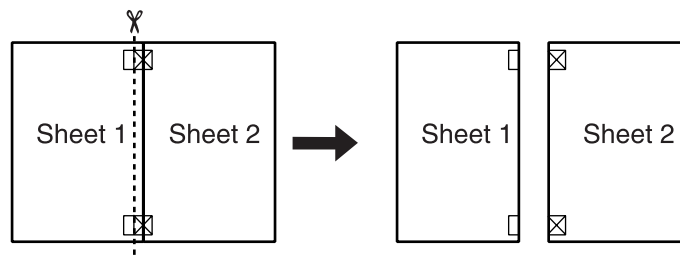
4. Align the edges of the paper together using the alignment markers and tape them from the back side of the paper.
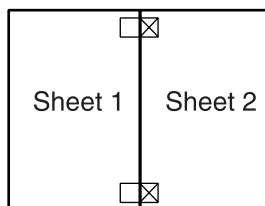
5. Repeat the instructions from step 1 to step 4 to tape Sheets 3 and 4 together.

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6. Repeat the instructions from step 1 to step 4 to tape the top and bottom faces of the paper.

```
┌─────────┬─────────┐
│         │         │
│ Sheet 1 │ Sheet 2 │
│         │         │
└─────────┴─────────┘
         ▲
┌─────────┬─────────┐
│         │         │
│ Sheet 3 │ Sheet 4 │
│         │         │
└─────────┴─────────┘
```
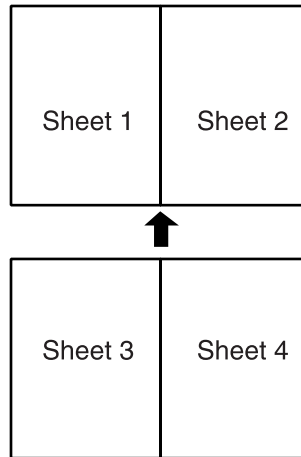
7. Cut off the remaining margins.

Warning:
Be careful when using sharp tools.

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Watermark Printing

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

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).*

Loading paper

Load paper into the printer.

"Loading Single Sheets of Paper"

Printing the watermark for Windows

1. Access the printer driver software.

   "Accessing the Printer Software for Windows"

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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"

3. Make the appropriate Type setting.

   "Media Type Settings"

4. Make the appropriate Size setting.

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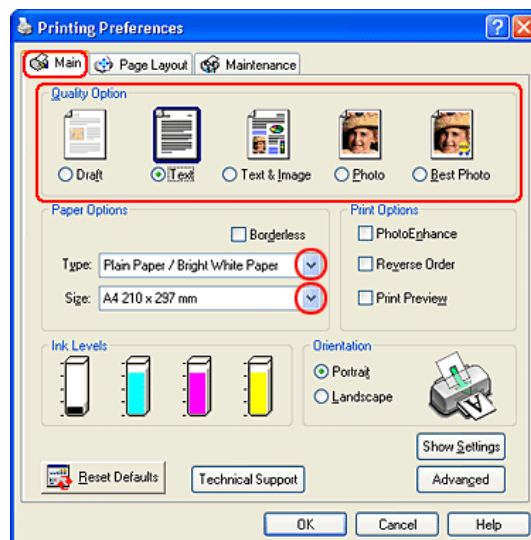
5.   Click the Page Layout tab, choose the desired watermark from the Watermark list, then click Settings.
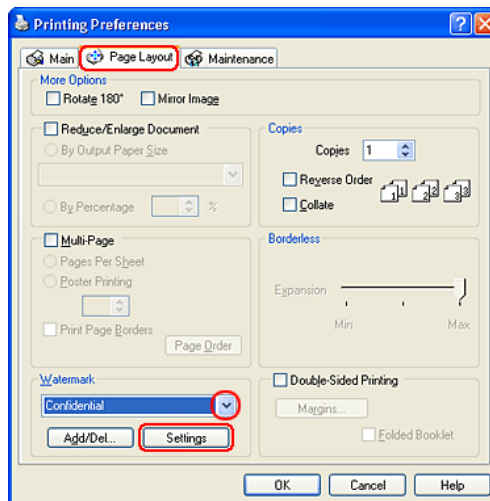
6.   Specify the necessary settings for the watermark. You can change the position and size of the watermark by dragging the image within the preview window at the left of the dialog box.

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

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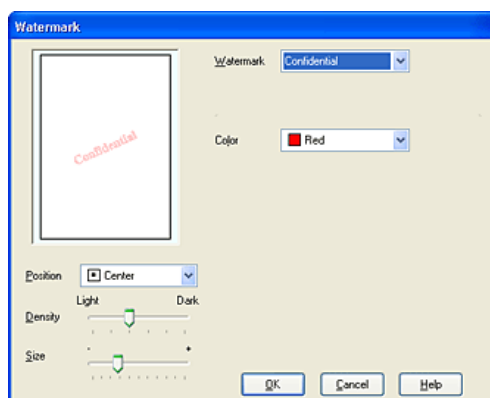
8. Click OK to close the printer driver settings dialog box.

9. Print the data from your application.

Printing the watermark for Mac OS 8.6 to 9.x

1. Access the Page Setup dialog box.

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"

2. Make the appropriate Paper Size setting.

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

4. Access the Print dialog box.

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"

5. Make the appropriate Media Type setting.

    "Media Type Settings"

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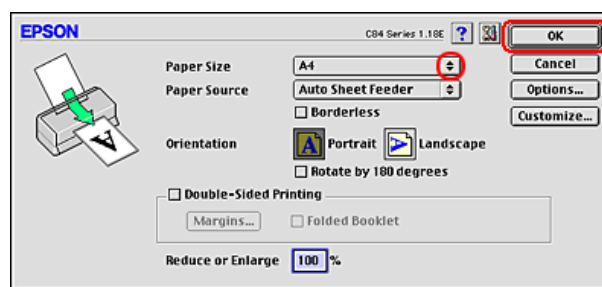
6. Click the ⊞ Layout icon button.
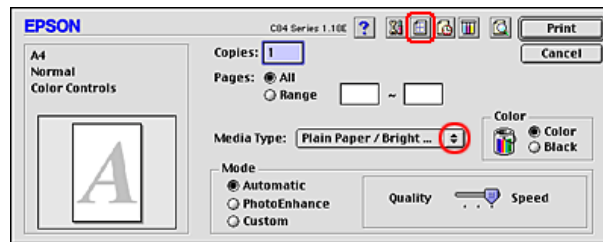
7. Select the Watermark check box in the Layout dialog box, then choose the desired watermark from the Name list.
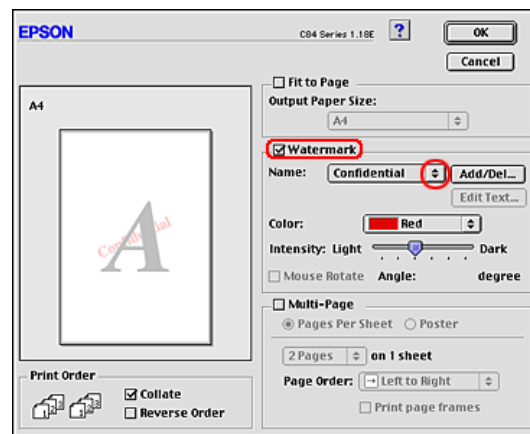
8. Specify the necessary settings for the watermark. You can change the position and size of the watermark by dragging the image within the preview window at the left of the dialog box.

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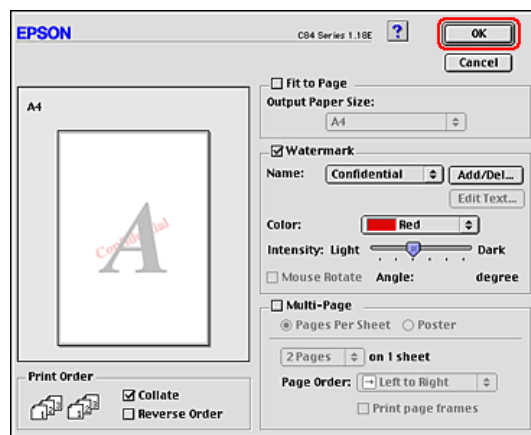
10. Click Print to start printing.

Creating your own watermark for Windows

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

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1. Click Add/Del under Watermark on the Page Layout menu.
    The following dialog box appears.
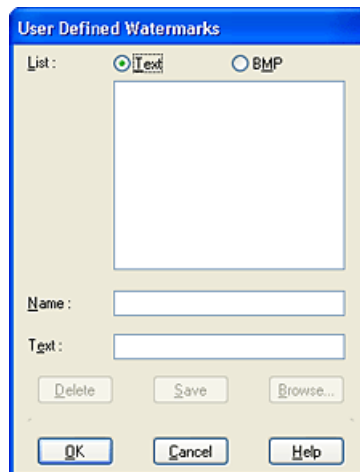
2. To use an image file as a watermark, select BMP. Click Browse
    to specify the bitmap file you want to use, then click OK. Type
    a name for your watermark in the Name text box, then click
    Save.

    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 Save.

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

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4. Click Settings. The following dialog box appears.
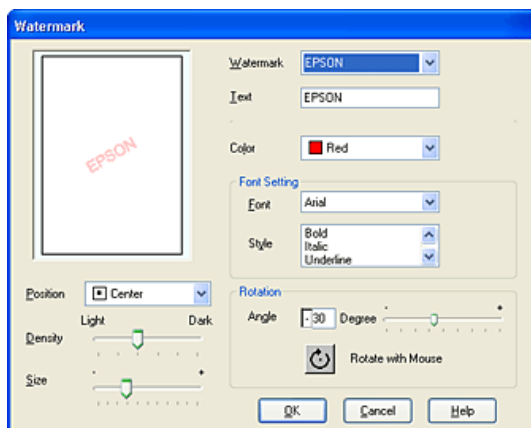
5. Make sure that the appropriate watermark is selected in the Watermark list, then make Color, Position, Density, Size, Font, Font Style, and Angle settings. (For details, see online help.) Your settings are reflected in the display at the left side of the dialog box.

6. When you finish making settings, click OK.

Creating your own watermark for Mac OS 8.6 to 9.x

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

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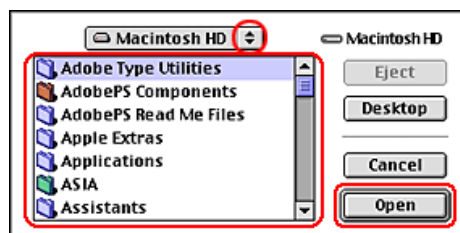
To create a text-based watermark, click Add Text. Type the text in the Text text box, select a font and a text style, then click OK.

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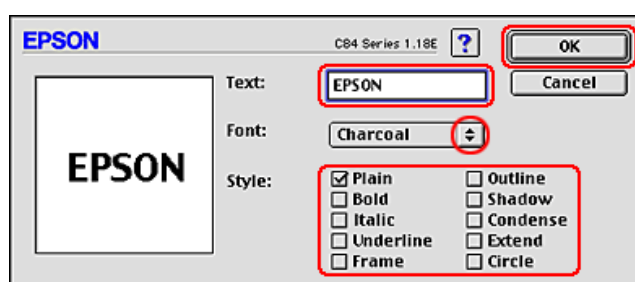
3. The image file name or the watermark text appears in the Mark Name list in the Watermark dialog box. To change the name of an image watermark, select it from the list, then type a new name. When a text watermark is selected in the Name list, you can edit the text or change the font and text style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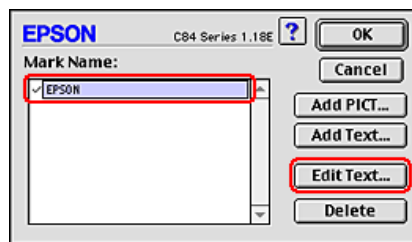
4. Click OK to add your watermark to the Name list in the Layout dialog box.

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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"
➡ See "Making Settings on the Page Layout Menu"
➡ See "Making Settings on the Maintenance Menu"

Accessing the printer driver

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

"Accessing the Printer Software for Windows"

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

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Getting more information

Online help provides more information about the printer
software.
➜ See "Getting Information Through Online Help"

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

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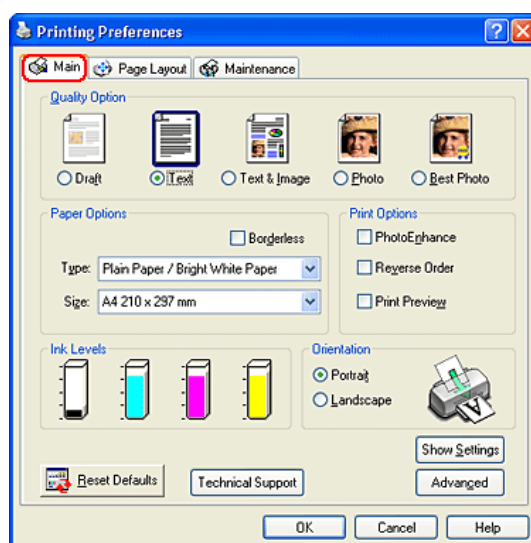
Quality Option

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)	Print using custom settings. (This option appears when custom settings have been set in the Advanced menu.)

Paper Options

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"
Type	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"

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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"

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.

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When you send a print job to the printer, the Print Preview window opens, allowing you to make changes before printing.
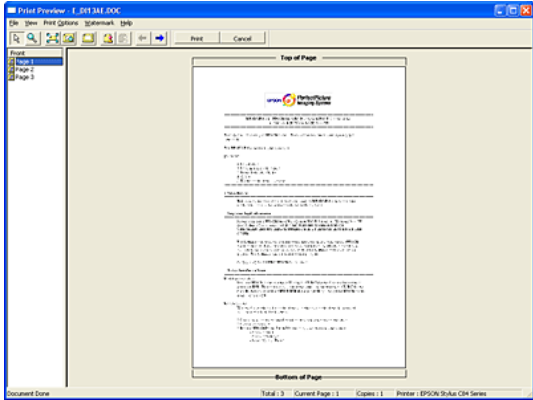
The Print Preview toolbar contains several icon buttons to perform the following functions.

Icon	Button name	Function
	Drag 'n' Drop	Click this button to select and move watermarks.
	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.
	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.

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	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.
	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"

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❏ 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.

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.
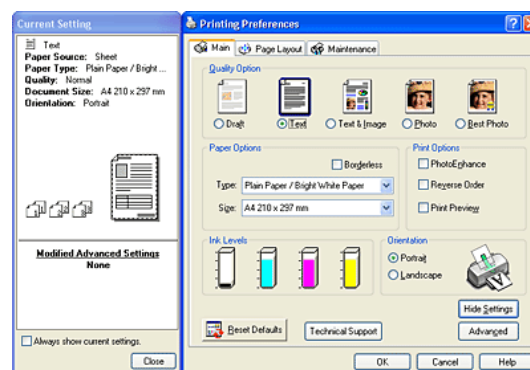
Reset Defaults

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

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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, 95, 2000, and NT 4.0 figures may differ slightly.*

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

❏ *The PhotoEnhance feature only affects images, not text or graphs. For example, if* Monochrome *is chosen from the Tone list (available when* PhotoEnhance *is selected), only the images in a document will be printed in monochrome. Any colored text or graphs in the same document will be printed in color.*

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

Paper & Quality Options

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"
Type	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" **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"

Orientation

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

Print Options

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

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Fast Feed	Increases the speed at which paper is fed into the printer. Fast Feed mode speeds up printing, but also increases printing noise.
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.
Black Ink Only	Prints your printout in black and white or grayscale.
Super MicroWeave	Gives you slightly more detail, but print times will be longer. You can select when selecting Photo RPM from the Print Quality list under Paper & Quality Option.
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 Vivid: Based on your data, enhances color balance for optimum print results. This setting is recommended for most print jobs. Charts and Graphs: Intensifies the colors and lightens the midtones and highlights of an image. Use this setting for charts and graphs.
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.

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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:
❏ *This mode is only available when printing 16-, 24-, or 32-bit color data.*

❏ *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.

Normal	Applies EPSON standard tone adjustment to your document.
Hard	Prints in high contrast, which sharpens the printed image.
Vivid	Intensifies the colors and lightens the midtones and highlights of an image.
Sepia	Applies a sepia tone to your photos.
Monochrome	Prints the image in black and white only.
None	Makes no tone adjustment to your document.

Effect:

You can select from the following settings.

Sharpness	Sharpens the overall image, particularly the outlines.
Soft Focus	Makes your photos look as if they were taken with a soft-focus lens.
Canvas	Makes the image look like a picture painted on canvas.

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Parchment	Makes the image look as if it was printed on parchment.
None	Applies no effect to your document.

Selecting PhotoEnhance also makes the Digital Camera Correction check box available. Select this check box 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.

ICM

This method automatically adjusts printout colors to match the colors on your screen. ICM stands for Image Color Matching.

Selecting ICM also makes the No Color Adjustment check box available. This setting is generally not recommended, because it does not allow the printer driver to enhance or adjust the color in any way. Only use this setting when you create a new color profile or if the other Mode settings do not produce satisfactory results.

Save Settings

To save your Advanced settings in the Custom Settings list, click Save Setting. The Custom Settings dialog box appears.
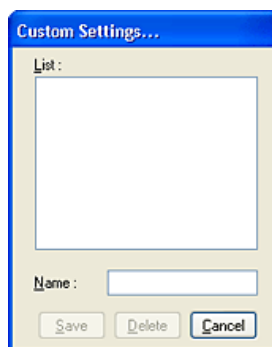
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Type a unique name for your settings in the Name text box, then click Save. The name can contain a total of up to 16 letters and numerals. You can also use up to eight, double-byte characters; however, they may not be displayed correctly on the screen 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.

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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.

Basic

> Shows the Basic menu.

Making Settings on the Page Layout Menu

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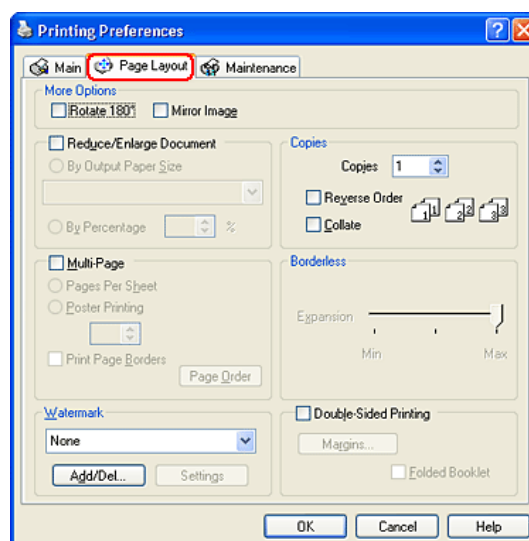
More Options

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"

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"
Poster Printing	A single document page can be enlarged to cover 4, 9, or 16 printed sheets of paper. ➡ See "Poster Printing"

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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"

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"

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.

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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"
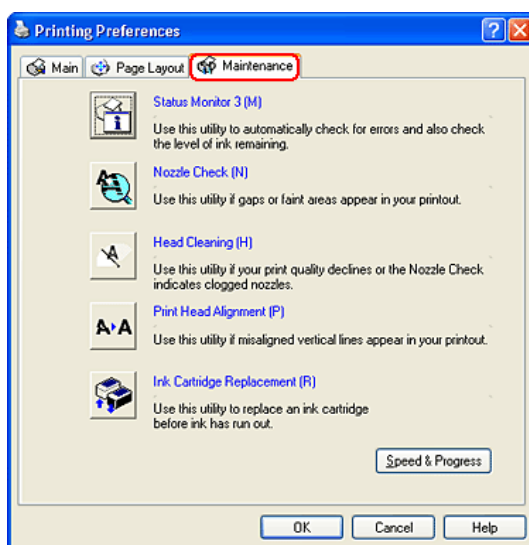
Note:
❏   *The letter in parentheses after the utility name indicates the shortcut key for that utility. After selecting the menu, press* Alt *and the letter on the keyboard to open that utility.*

❏   *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.

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EPSON 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 parallel or USB port.

❏ Your system is configured to support bidirectional communication.

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"

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 "Cleaning the Print Head"

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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"

Ink Cartridge Replacement

The Ink Cartridge Replacement utility guides you through replacing an ink cartridge before ink has run out. To use the utility, click the Ink Cartridge Replacement button in the Utility dialog box and follow the instructions.

To replace an ink cartridge using the printer's control panel, see the following.
➡ See "Using the printer's control panel buttons".
To replace an empty ink cartridge, see the following.
➡ See "Using the printer's control panel buttons".

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Speed & Progress

You can make settings related to print speed and progress in this dialog box.
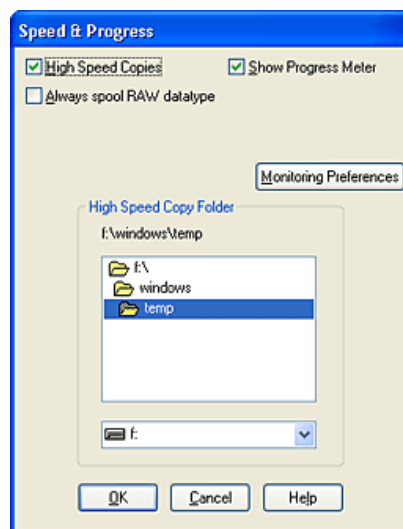
The following are the available settings:

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.

Show Progress Meter

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

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EPSON Printer Port (Windows Me, 98, and 95)

For printer models that use the parallel port, you can speed up the data transfer rate by selecting EPSON Printer Port.

Parallel port users can further increase print speed by enabling DMA transfer.
➡ See "Enabling DMA transfer"

Always spool RAW datatype (for Windows XP, 2000, and NT 4.0)

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).

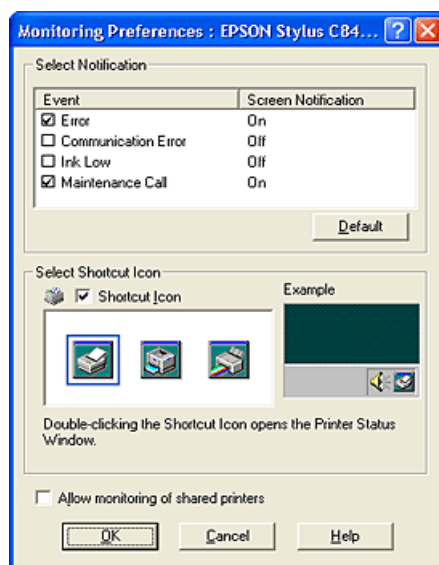Try using this option if documents spooled in EMF format do not print correctly.

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.

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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.

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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

1. 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.)

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For Windows Me, 98, 95, 2000, and NT 4.0, click Start, point to Settings, then click Printers.

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

   For Windows Me, 98, and 95, select your printer, then click Properties on the File menu.

   For Windows NT 4.0, select your printer, then click Document Defaults 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 ? button on the top right of the printer driver window, then clicking the item.

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For Mac OS 8.6 to 9.x

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"
� See "Print Dialog Box"
� See "Layout Dialog Box"
� See "Printer Utilities"

Accessing the printer driver

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

"Accessing the Printer Software for Mac OS 8.6 to 9.x"

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"

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Page Setup Dialog Box
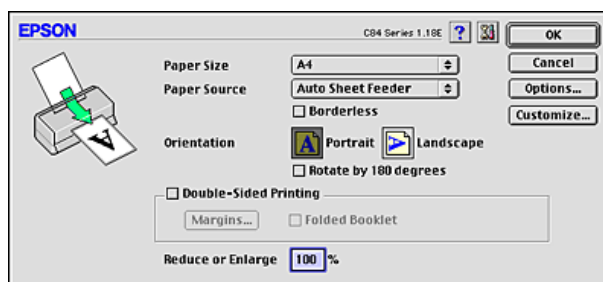
Paper Size	Select the paper size that you want to use. You can also add a custom paper size. To add your own paper size setting, see the following. "Defining a custom paper size"

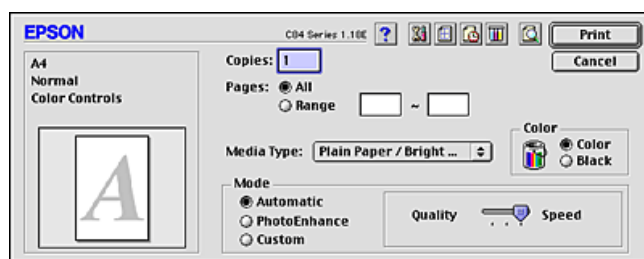|	
Borderless	Check this box when you want to print without margins. This feature prints to all four edges of the paper. Expansion button: When the Borderless check box is selected, the Expansion button becomes available. Click the Expansion button to open the Borderless Expansion dialog box, where you 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"
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"
Reduce or Enlarge	Use this setting to reduce or enlarge the print size of your document between 25% and 400%.

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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"

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Color

Black	Print in black and white or grayscale.
Color	Print in color.

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"
PhotoEnhance	Lets you choose from a variety of image-correction settings specially designed for photos. ➡ See "PhotoEnhance mode"
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"

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.*

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PhotoEnhance mode

The PhotoEnhance 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:
❏ *This mode is only available when printing 32-bit color data.*

❏ *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 choose from the following settings.

Standard	Provides standard image correction for most photos. Try this first.
People	Best for photos of people.
Nature	Best for outdoor scenery, such as mountains, skies, and oceans.
Soft Focus	Makes your photos look as if they were taken with a soft-focus lens.
Sepia	Applies a sepia tone to your photos.

Selecting PhotoEnhance also makes the Digital Camera Correction check box available. Select this check box 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.

Custom mode

Custom Settings

You can select your personalized settings from the list.

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Advanced Settings

You can create and save your own custom settings.
� See "Advanced settings"

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
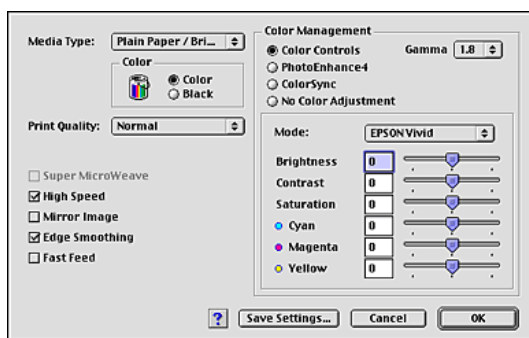side of the Print dialog box.

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.

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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* Monochrome *is selected from the Tone list (available when* PhotoEnhance4 *is selected), only the images in a document will be printed in monochrome. 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"

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Color

Black	Print in black and white or grayscale.
Color	Print in color.

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.

Super MicroWeave

Gives you slightly more detail, but print times will be longer. You can select when selecting Photo RPM from the Print Quality list under Paper & Quality Option.

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.

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.

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Fast Feed

Increases the speed at which paper is fed into the printer. Fast Feed mode speeds up printing, but also increases printing noise.

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. Charts and Graphs: Intensifies the colors and lightens the midtones and highlights of an image. Use this setting for presentation graphics, such as charts and graphs.
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.

PhotoEnhance4

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.

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Note:

❏ *This mode is only available when printing 16-, 24-, or 32-bit color data.*

❏ *Printing with* PhotoEnhance4 *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.

Normal	Applies EPSON standard tone adjustment to your document.
Hard	Prints in high contrast, which sharpens the printed image.
Vivid	Intensifies the colors and lightens the midtones and highlights of an image. Use this setting for presentation graphics, such as charts and graphs.
Sepia	Applies a sepia tone to your photos.
Monochrome	Prints the image in black and white only.

Effect:

You can select from the following settings.

Sharpness	Sharpens the overall image, particularly the outlines.
Soft Focus	Makes your photos look as if they were taken with a soft-focus lens.
Canvas	Makes the image look like a picture painted on canvas.
Parchment	Makes the image look as if it was printed on parchment.

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Selecting PhotoEnhance4 also makes the Digital Camera Correction check box available. Select this check box 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.

No Color Adjustment

This setting prints without any color adjustment.

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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.
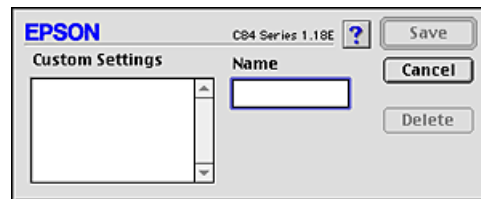
Type a unique name for your settings in the Name text box, then click Save. The name can contain a total of up to 16 letters and numerals. You can also use up to eight, double-byte characters; however, they may not be displayed correctly on the screen depending on your operating system settings. Your 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.

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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.
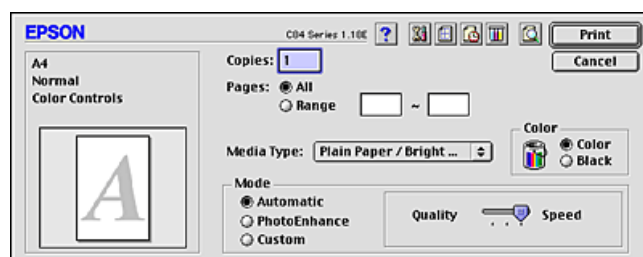
2. Make the appropriate Background Printing setting.

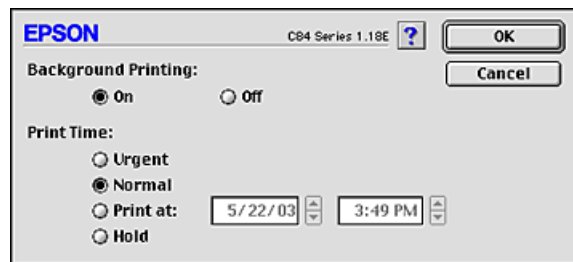3. Select Urgent, Normal, Print at, or Hold as the Print Time setting.

    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.

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

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Background Printing:			Cancel
● On ○ Off			
Print Time:			
○ Urgent			
● Normal			
○ Print at:	5/22/03	3:49 PM	
○ Hold			

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"*

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.
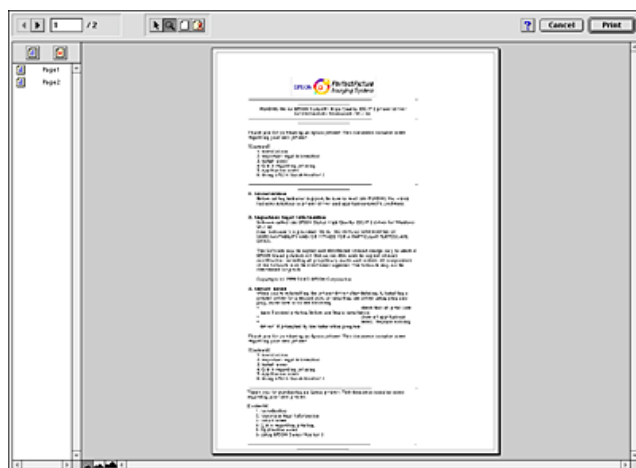
1. Make your printer driver settings.

2. Click the [icon] Preview icon button in the Print dialog box. The Print button changes into the Preview button.

Note:
Use the [icon] Preview icon button to cycle through the [icon] Print, [icon] Preview, and [icon] 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"*

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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
![arrow]	Edit Watermark	Click to select, move, and resize watermarks.
![zoom]	Zoom	Click to enlarge or reduce the size of the previewed page.
![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.
![watermark]	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.

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	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.

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3.   Click the SaveFile button. The following dialog box appears.
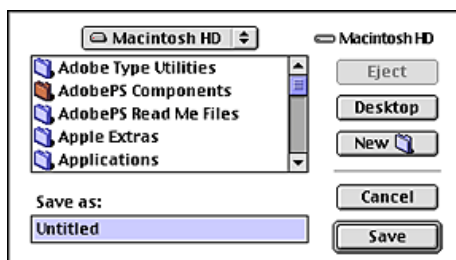
4.   Select the location where you want to save the file, then type a file name in the Save As text box and click Save.

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.

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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.
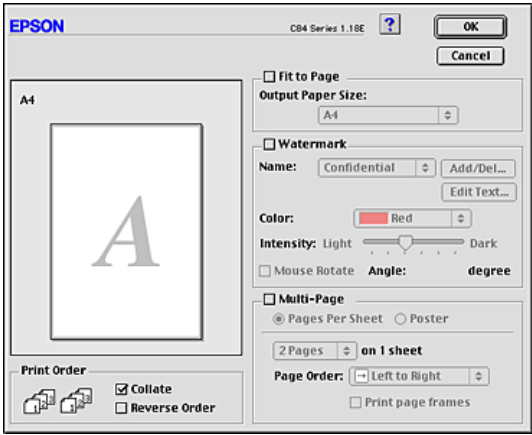
Fit to Page	Enlarges or reduces the size of the image to make it fit a selected paper size. Select the Fit to Page check box, and then select the paper size in the Output Paper Size list. ➜ See "Fit to Page Printing"
Watermark	Prints a text or image as a watermark on your printout. ➜ See "Watermark Printing"

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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"
	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"
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 🔲 Utility icon button in the Print or Page Setup dialog box, then click the button for the utility that you want to use.

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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"
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"
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"
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"
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"

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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.

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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. Following dialog boxes are available.

➡ See "Page Setup Dialog Box"
➡ See "Print Dialog Box"
➡ See "EPSON Printer Utility"

Accessing the printer software

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

"Accessing the Printer Software for Mac OS X"

Getting more information

You can also get information by clicking the Help button when Print Settings or Color Management is selected in the Print dialog box. For the other setting, see your operating system's documentation.

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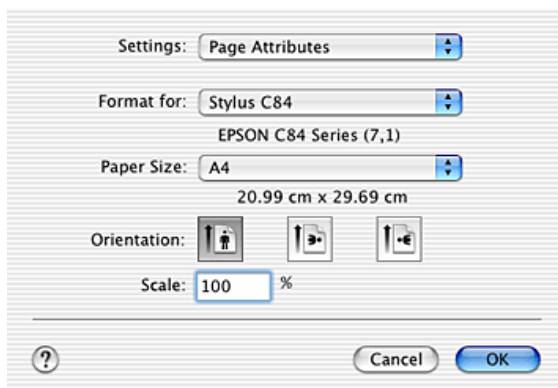
Note:
*Page Setup dialog box is a standard feature of Mac OS X. See your
operating system's documentation for details.*

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.
	Summary	Displays the list of current setting items.
Format for	Stylus C84	Prints with standard margins.
	Stylus C84 (Sheet Feeder-Borderless)	Prints without margins. ➡ See "Borderless Printing"
Paper Size	Select the paper size that you want to use.	

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Orientation	Select the printing orientation.
Scale	Input the scale to reduce or enlarge the size of your data.

➡ See "Printable area"

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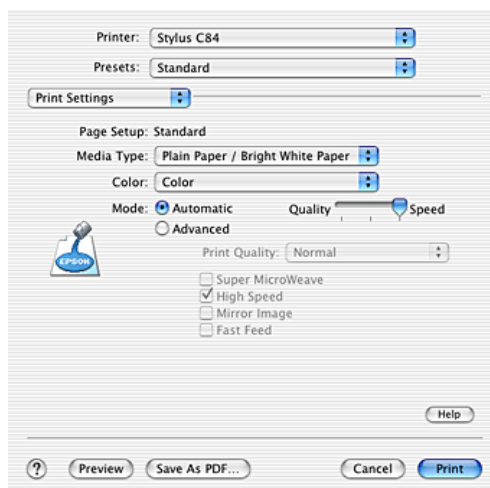
Note:
Print dialog box is the standard feature of Mac OS X. See your operating system's documentation for details.

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Print dialog box settings

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

Printer	Stylus C84	Prints with standard margins.
	Stylus C84 (Sheet Feeder-Borderless)	Prints without margins. ➡ See "Borderless Printing"
Presets	Standard	Prints with the current settings.
	Custom	Prints with the custom saved settings. ➡ See "Save Custom Setting"

➡ See "Printable area"

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, 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.

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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
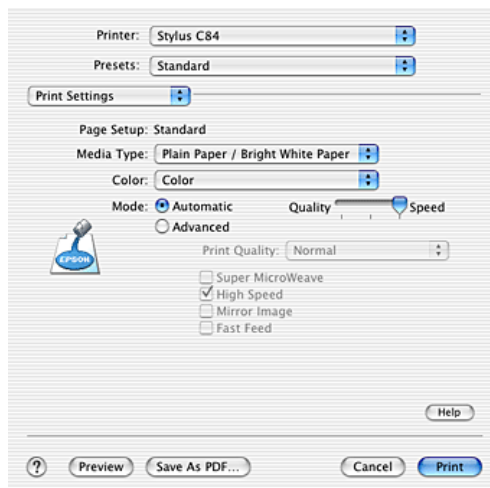
Media Type

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"

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Note:
For the latest information on available media, visit our regional customer support web site.
➜ *See "Contacting Customer Support"*

Color

Black	Prints in black and white or grayscale.
Color	Prints in color.

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.

Super MicroWeave

Gives you slightly more detail, but print times will be longer. You can select when selecting Photo RPM from the Print Quality list.

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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.

Fast Feed

Increases the speed at which paper is fed into the printer. Fast Feed mode speeds up printing, but also increases printing noise.

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

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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. Once you are satisfied with your new settings, you can add them to the Custom Settings list in the Print dialog box.
➡ See "Save Custom Setting"
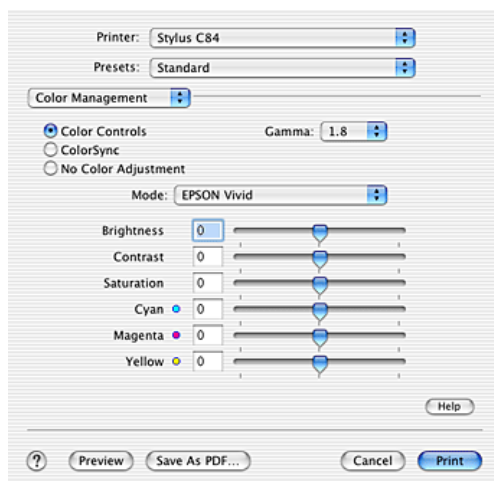
Color Controls

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

Gamma

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

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Mode

EPSON Vivid	Based on your data, enhances color balance for optimum print results. This setting is recommended for most print jobs.
Charts and Graphs	Intensifies the colors and lightens the midtones and highlights of an image. Use this setting for presentation graphics, such as charts and graphs.

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.

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.

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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.*

Save Custom Setting

Saves the current settings as the Custom setting on the Presets.

Note:
*Save Custom Setting is the standard feature of Mac OS X. See your
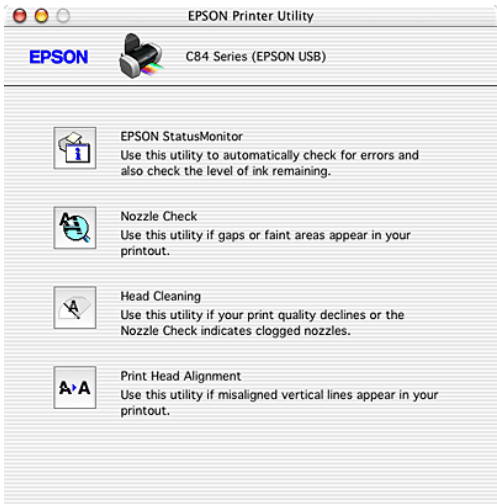operating system's documentation for details.*

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.*

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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"

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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"
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"
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"

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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.*

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> ⚠ *Caution:*
> ❏ *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 Safety Instructions.

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.

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

Lights	Action
🔴 💧	Obtain a replacement black ink cartridge (T0431, T0441), cyan ink cartridge (T0442, T0452), magenta ink cartridge (T0443, T0453), or yellow ink cartridge (T0444, T0454).
🔴 💧	Replace the empty ink cartridge.

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

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

1. Make sure that the printer is on. The ⏻ power light should be on, but not flashing.

2. Lower the output tray, and then open the printer cover.

3. Press the ◊ ink button. The print head moves to the ink cartridge check position and the ⏻ power light begins to flash. The ink cartridge indicated by the ◊ mark is either empty or low.

    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" for Macintosh*

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❏ *Do not press the ◊ ink button for more than three seconds.
   Otherwise the printer starts cleaning the print head.*
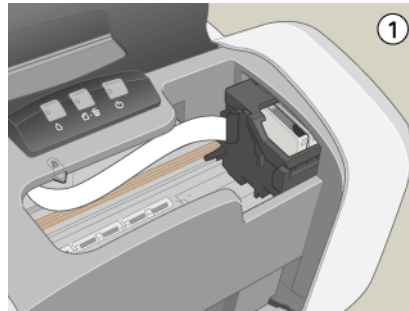
> ▣ *Caution:*
> *Do not move the print head by hand, as this may damage the
> printer. Always press the ◊ ink button to move it.*

4. Press the ◊ ink button.
    If more than one ink cartridge is empty or low, the print head
    moves to the ⬦ mark. This occurs each time the ◊ ink button
    is pressed until all empty or low ink cartridges have been
    indicated.
    Once all of the empty or low ink cartridges have been
    indicated, the print head moves to the ink cartridge
    replacement position when the ◊ ink button is pressed.

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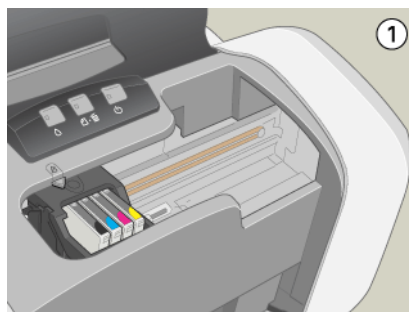
5. For best results, shake the ink cartridge four or five times before opening the package.

6. Remove the new ink cartridge from the package.

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> ⚠ *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.*
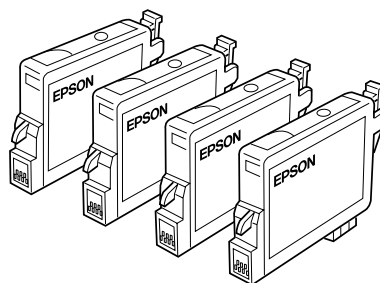

> ❏ *If an ink cartridge is temporarily removed from the printer, be sure to protect the ink supply port of the ink cartridge from dirt and dust; store it in the same environment as the printer. Store ink cartridge with its label facing upward. Do not store cartridge upside down. Note that there is a 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.*

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7. Open the cartridge cover. Pinch the sides of the ink cartridge that you want to replace. Lift the cartridge out of the printer and dispose of it properly. Do not take the used cartridge apart or try to refill it.
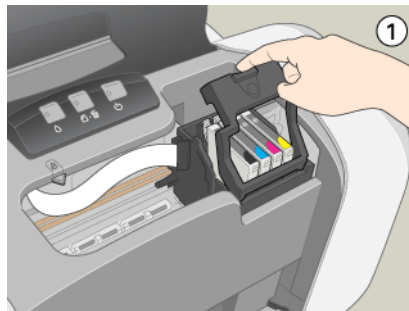
⚠ *Warning:*
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.

8. Place the ink cartridge vertically into the cartridge holder. Then, push the ink cartridge down until it clicks into place.

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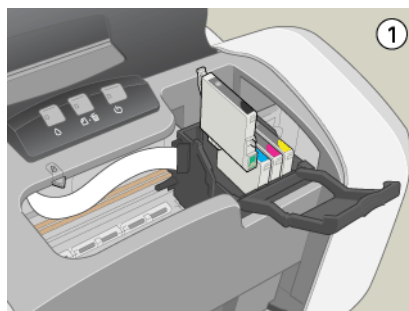
9. When you are finished replacing the cartridge, close the cartridge cover and the printer cover.

10. 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 ⏻ power light stop flashing and remains on, and the ◊ ink out light goes out.

> ⚠ **Caution:**
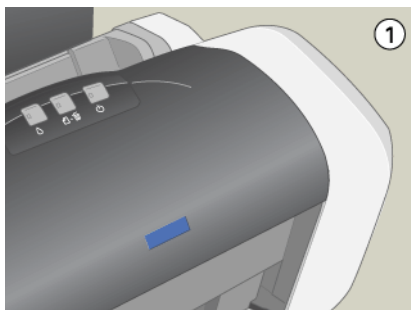> *The ⏻ power light continues to flash while the printer performs the ink charging operation. Never turn off the printer while this light is flashing. Doing so can result in incomplete charging of ink.*

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.

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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" for Windows
➡ See "Using EPSON StatusMonitor" for Macintosh

Replacing an Ink Cartridge

In some circumstances, you may need to replace an ink cartridge before it is empty.

If the ◊ ink out light is flashing or is on, replace the empty ink cartridge as described in the section below.
➡ See "Replacing an Empty Ink Cartridge"

To replace an ink cartridge before the ◊ ink out 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 or using the printer utilities (for Windows).

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> *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.*

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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 black ink cartridge. Replace the ink cartridge appropriate to your situation.

1. Make sure that the printer is on. The ⏻ power light should be on, but not flashing.

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

3. Remove the new ink cartridge from the package.

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> ⚠ *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 i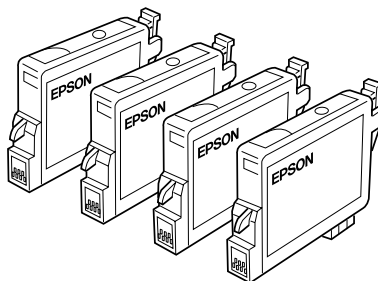t in the same environment as the printer. Store ink cartridge with its label facing upward. Do not store cartridge upside down. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. 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.   Lower the output tray, then open the printer cover.

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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 ◊ ink button over three seconds. Otherwise the printer starts cleaning the print head.
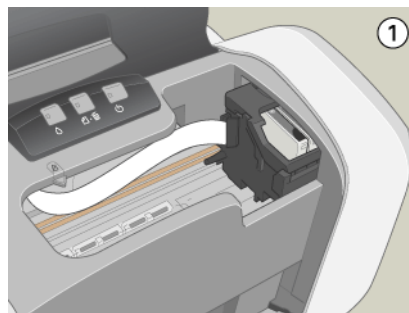
! *Caution:*
   Do not move the print head by hand, as this may damage the printer. Always press the ◊ ink button to move it.

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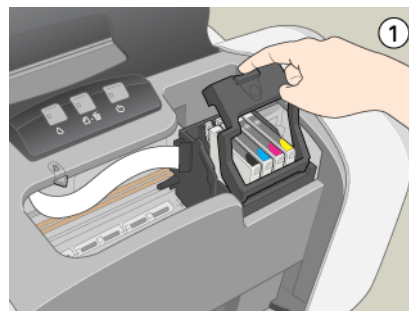
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> ⚠ *Warning:*
> *If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.*

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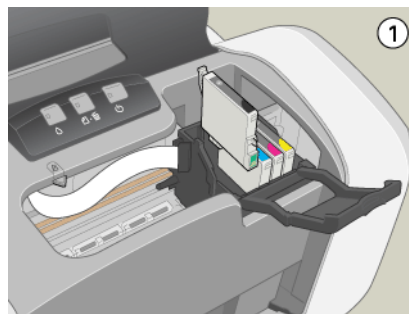
8. When you are finished replacing the cartridge, close the cartridge cover and the printer cover.

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9. Press the ◊ ink button. The print head moves and the ink delivery system begins to charge. 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 ⏻ power light stops flashing and remains on, and the ◊ ink out light goes out.
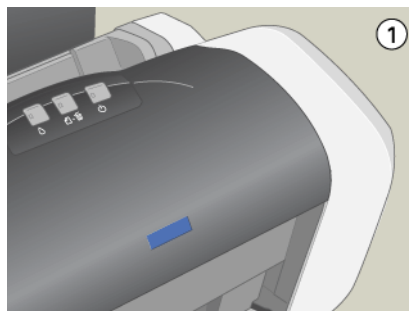
> **Caution:**
> *The ⏻ power light continues to flash while the printer performs the ink charging operation. Never turn off the printer while this light is flashing. Doing so can result in incomplete charging of ink.*

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.

Using the Printer Utilities (for Windows)

You can view on-screen instructions for replacing an ink cartridge using the printer utilities.

When you need to replace an ink cartridge before it is low or empty, click the button on the Maintenance tab.

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For more information on using the printer utilities, see the section below.
➜ See "Making Settings on the Maintenance Menu"

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"

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

A graphic displays the remaining amount of ink.
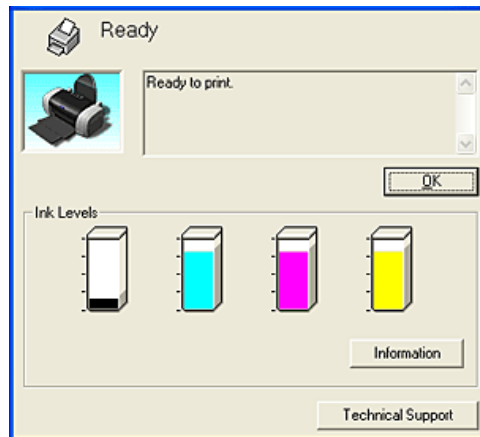
Note:
If any of the ink cartridges installed in the printer is broken, incompatible with the printer model, or improperly installed,
EPSON Status Monitor 3 will not display an accurate calculation for the amount of ink remaining in any of the ink cartridges. Be sure to replace or reinstall any ink cartridge indicated by
EPSON Status Monitor 3.

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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.
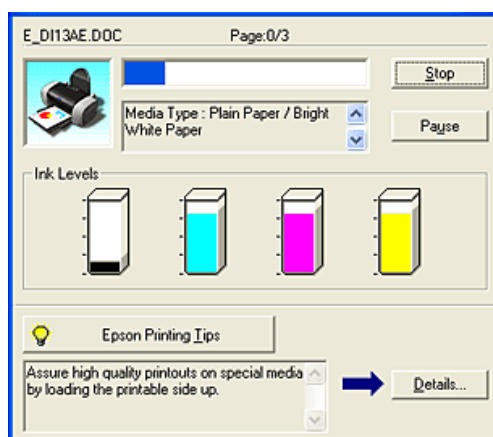
For Macintosh

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

For Mac OS 8.6 to 9.x

1. Access the Print or Page Setup dialog box

    "Accessing the Printer Software for Mac OS 8.6 to 9.x"

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

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A graphic displaying the remaining amount of ink appears.
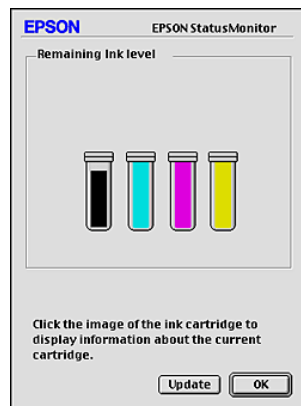
Note:
❏ *The graphic displays the amount of ink that was remaining when EPSON StatusMonitor was first opened. To update the ink-level information, click* Update.

❏ *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.*

For users of Mac OS X

1. 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.

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3. Click the EPSON StatusMonitor button. The EPSON StatusMonitor dialog box appears.
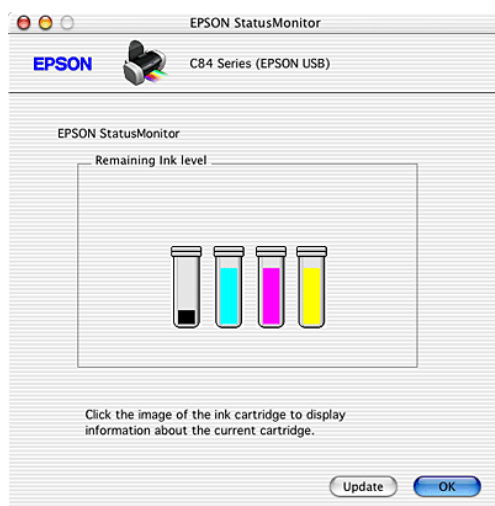
Note:
❏ *The graphic displays the amount of ink that remained when EPSON StatusMonitor was first opened. To update the ink-level information, click* Update.

❏ *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 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.*

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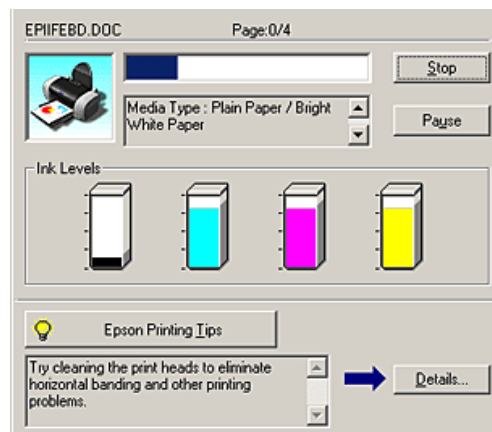
The progress meter indicates the progress of the current print job and provides printer status information when bidirectional communication between the printer and the computer is established. This meter also displays error messages as well as helpful tips for better printing. Refer to the appropriate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

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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.
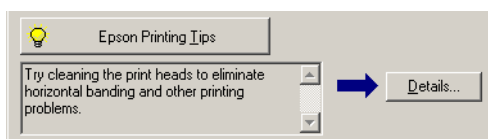
Error messages

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 Reference 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.

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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, 2000, and NT 4.0.

After you send a print job, an EPSON Stylus C84 button appears on the taskbar. Click this button to open EPSON Spool Manager.
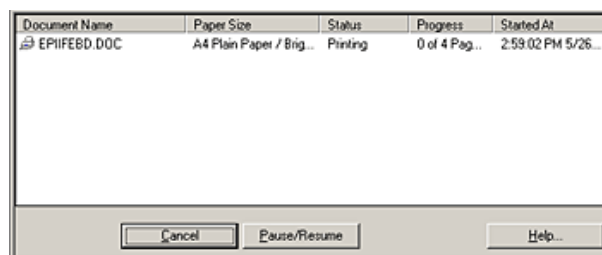
Using EPSON Status Monitor 3

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

Note:
Before using EPSON Status Monitor 3, be sure to read its README file. To open this file, click Start, *point to* Programs *(for Windows Me, 98, 95, 2000, and NT 4.0) or* All Programs *(for Windows XP), point to* EPSON *or* EPSON Printers, *then click* EPSON Stylus C84 Readme.

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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"

❑ Open the printer software, click the Utility tab, then click the EPSON Status Monitor 3 button.

When you access EPSON Status Monitor 3, the following window appears.
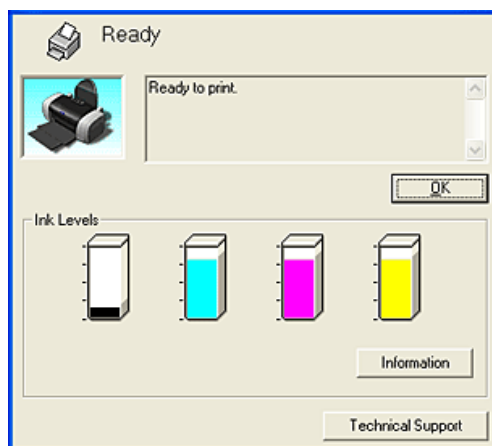
Viewing information in EPSON Status Monitor 3

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.

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❏ 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 Reference Guide from EPSON Status Monitor 3. If you encounter a problem, click Technical Support in the EPSON Status Monitor 3 window.

For Macintosh

Using EPSON StatusMonitor

EPSON StatusMonitor monitors the printer. 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.

Status description
Ink out or incompatible ink cartridges for the following colors:
Black

Actions to take
Replace the indicated cartridges with new EPSON ink cartridges.
Black : T0431/T0441, Cyan : T0442, Magenta : T0443, Yellow : T0444
The genuine EPSON ink cartridges listed above are recommended for replacement.
Click the How to button for ink cartridge replacement instructions.

[How to...]   [Continue] [Abort]

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You can also use this utility to check ink levels before printing. When open, 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.

For Mac OS 8.6 to 9.x

1. Access the Print dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

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.
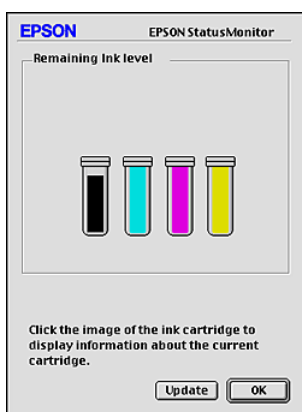
For Mac OS X

1. Access the EPSON Printer Utility dialog box.

   "Accessing the Printer Software for Mac OS X"

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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.
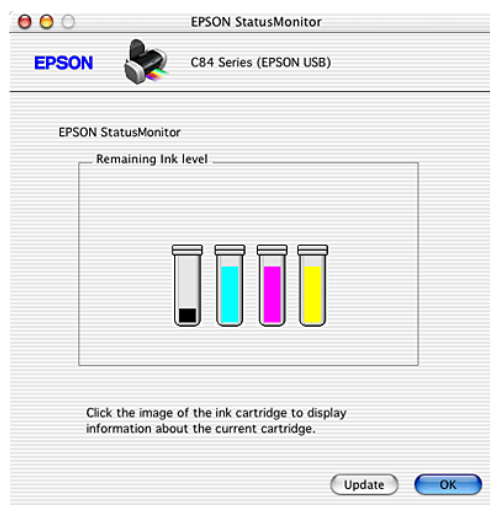
Using the Configuration Settings dialog box

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

Note:
This feature is not available with Mac OS X.

1. Click Print or Page Setup on the File menu of your
    application.

2. Click the [icon] Utility icon button.

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

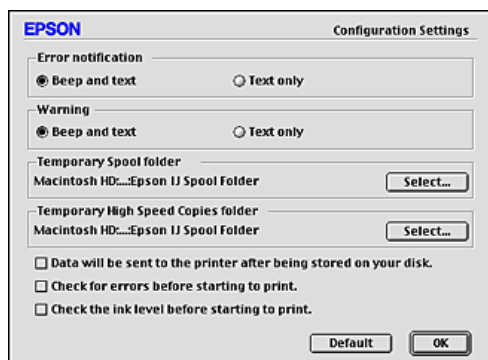In the Configuration Settings dialog box, you can make the following settings.

Error notification	Choose the way EPSON StatusMonitor notifies you in case of an error.
Warning	Choose the way EPSON StatusMonitor notifies you of a warning message.
Temporary Spool folder	Specify the folder in which print data will be temporarily stored.
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 the printer as a whole rather than as rectangular bands.
Check for errors before starting to print.	Select this check box to have the printer check for errors before starting to print.
Check the ink level before starting to print.	Select this check box to have the printer check the ink levels before starting to print.

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Using EPSON MonitorIV

After you send a print job to the printer, 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.

Note:
This feature is not available with Mac OS X.

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 the printer.

3. Select EPSON MonitorIV from the Application menu at the right end of the menu bar. The EPSON MonitorIV dialog box appears.
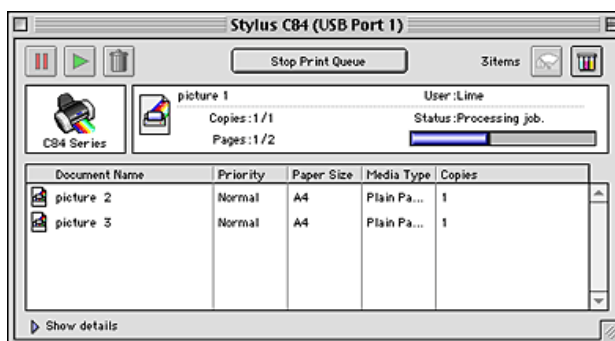
Note:
You can also open EPSON MonitorIV by double-clicking the EPSON MonitorIV *icon in the* Extensions *folder.*

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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, then click the appropriate button.

❚❚	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 Status Monitor, 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.

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❑ 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.
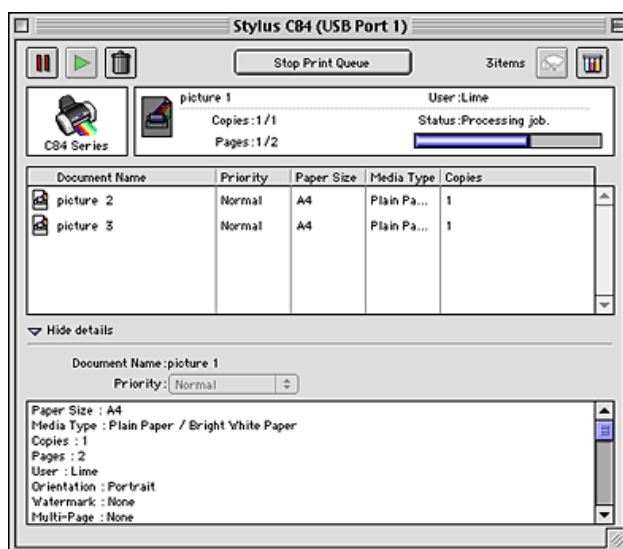
Changing the priority of print jobs

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.

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2. Click the Show details arrow to open an extension (similar to the one below) at the bottom of the EPSON MonitorIV dialog box.
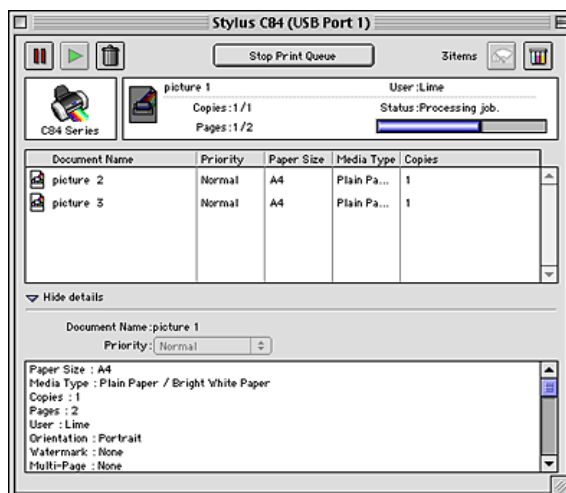
3. From the Priority list, select Urgent, Normal, Hold, or Print Time.

    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 your printer 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.

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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 ◊ ink out 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.

2. Access the printer software.

    "Accessing the Printer Software for Windows"

3. Click the Maintenance tab, then click the Nozzle Check button.

4. Follow the on-screen instructions.

For Mac OS 8.6 to 9.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.

2. Access the Print or Page Setup dialog box.

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"Accessing the Printer Software for Mac OS 8.6 to 9.x"

3. Click the ☒ Utility icon button, then click the Nozzle Check button in the Utility dialog box.

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.

2. Access the EPSON Printer Utility dialog box.

    "Accessing the Printer Software for Mac OS X"

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.

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.

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3. Hold down the ⏏ paper button and the ⏻ power button to turn on the printer.
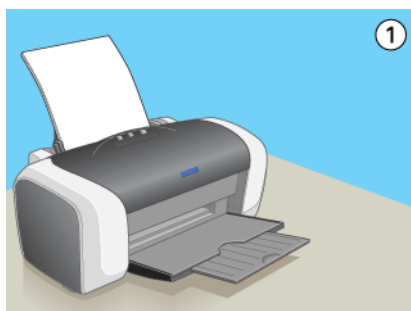
4. Release only the ⏻ power button when the printer turns on. When the nozzle check starts, release the ⏏ paper button also.

Below are two sample nozzle check patterns.

Good sample

Print head needs to be cleaned

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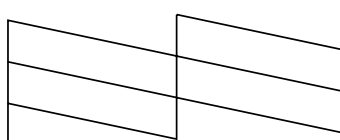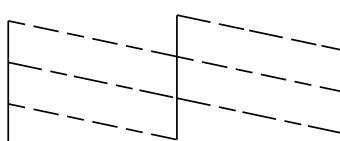
If the nozzle check page does not print satisfactorily, there is a problem with the printer. This could be a clogged ink nozzle or a misaligned print head.

➡ See "Cleaning the Print Head"

➡ See "Aligning the 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 out light is flashing or on, you cannot clean the print head. Replace the appropriate ink cartridge first.*

Using the Head Cleaning utility

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

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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 ◊ ink out light is off.

2. Access the printer software.

   "Accessing the Printer Software for Windows"

3. Click the Maintenance tab, then click the Head Cleaning button.

4. Follow the on-screen instructions.

   The ⏻ power light flashes while the printer performs the cleaning cycle.

   > **Caution:**
   > *Never turn off the printer while the ⏻ power light is flashing. Doing so may damage the printer.*

5. When the ⏻ power light stops flashing, load a few sheets of paper and click Print Nozzle Check Pattern in the Head Cleaning dialog box to confirm that the print head is clean.

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Below are two sample nozzle check patterns:

Good sample

Print head needs to be cleaned

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"

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" to replace an ink cartridge before it is empty.*

❏ *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.*

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For Mac OS 8.6 to 9.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 ◊ ink out light is off.

2. Access the Print or Page Setup dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

3. Click the ⬚ Utility icon button, then click the Head Cleaning button.

4. Follow the on-screen instructions.

   The ⏻ power light flashes while the printer performs the cleaning cycle.

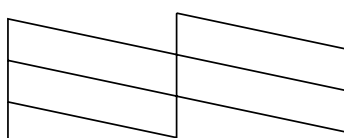   > ⚠ **Caution:**
   > *Never turn off the printer while the ⏻ power light is flashing. Doing so may damage the printer.*
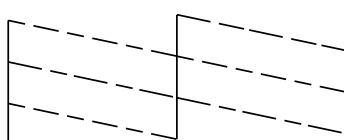
5. When the ⏻ power light stops flashing, click the Confirmation button in the Head Cleaning dialog box to print a nozzle check pattern. Use the check pattern to confirm that the print head is clean.

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Below are two sample nozzle check patterns.

Good sample

Print head needs to be cleaned

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"

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" to replace an ink cartridge before it is empty.*

❏ *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.*

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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 ◊ ink out light is off.

2. Access the EPSON Printer Utility dialog box.

   "Accessing the Printer Software for Mac OS X"

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.

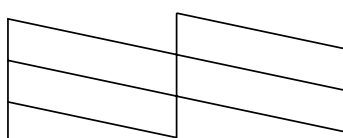   The ⏻ power light flashes while the printer performs the cleaning cycle.

   > **Caution:**
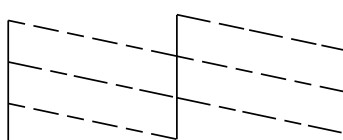   > *Never turn off the printer while the ⏻ power light is flashing. Doing so may damage the printer.*

6. When the ⏻ 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.

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Below are two sample nozzle check patterns.

Good sample

Print head needs to be cleaned

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"

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" to replace an ink cartridge
before it is empty.*

❏ *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.*

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Using the control panel buttons

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

1. Make sure that the ⏻ power light is on and the ◊ ink out light is off. Then, hold down the ◊ ink button for three seconds.

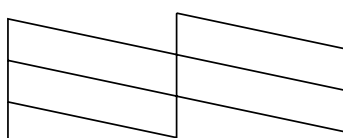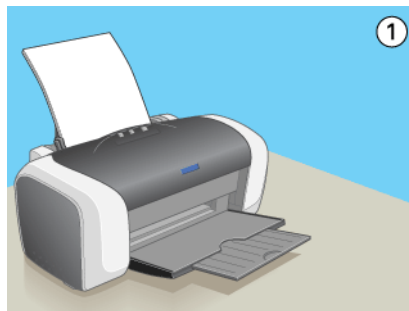The printer starts cleaning the print head and the ⏻ power light begins flashing.

> ⚠ *Caution:*
> *Never turn off the printer while the ⏻ power light is flashing. Doing so may damage the printer.*

2. When the ⏻ power light stops flashing, print a nozzle check pattern to confirm that the head is clean.
    ➡ See "Checking the Print Head Nozzles"

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" to replace an ink cartridge before it is empty.*

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❏ *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. Refer to the appropriate section below.

Note:
Do not press the ⧉ 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 A4 or Letter size plain paper is loaded in the sheet feeder.

2. Access the printer software.

    "Accessing the Printer Software for Windows"

3. Click the Maintenance tab, then click the Print Head Alignment button.

4. Follow the on-screen instructions to align the print head.

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For Mac OS 8.6 to 9.x

Follow the steps below to align the print head using the Print Head Alignment utility.

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

2. Access the Print or Page Setup dialog box.

   "Accessing the Printer Software for Mac OS 8.6 to 9.x"

3. Click the ▓ Utility icon button, 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 A4 or Letter size plain paper is loaded in the sheet feeder.

2. Access the EPSON Printer Utility dialog box.

   "Accessing the Printer Software for Mac OS X"

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.

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Problem Solver

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 "Cancelling Printing"

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

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🔴 ⧉·🗑	**Paper out**	
	No paper is loaded in the printer.	Load paper in the sheet feeder, and then press the ⧉🗑 paper button. The printer resumes printing and the light goes out.
🔴 ⧉·🗑	**Paper jam**	
	Paper has jammed in the printer.	Press the ⧉🗑 paper button to eject the jammed paper. If the error does not clear, open the printer cover and remove all of the paper inside, including any torn pieces. Then, reload the paper in the sheet feeder and press the ⧉🗑 paper button to resume printing.
🔴 ◊	**Ink low**	
	The black or color ink cartridge is nearly empty.	Obtain a replacement black or color ink cartridge. To determine which cartridge is nearly empty, check the ink levels using EPSON Status Monitor 3 (Windows) or EPSON Status Monitor (Macintosh).
🔴 ◊	**Ink out**	
	An ink cartridge is empty or not installed.	Replace the black or color 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"
	Wrong cartridge	
	The currently installed ink cartridge cannot be used with this printer.	Replace the incompatible cartridge with an appropriate black or color ink cartridge. ➡ See "Replacing an Ink Cartridge"

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	Incorrectly installed ink cartridge	
○ (green), ● (red)	An ink cartridge is not installed correctly.	If the print head is at the home position, press the ◊ 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.
	Carriage error	
○, ● (red), ○	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.
	Unknown printer error	
○, ○, ● (red)	An unknown printer error has occurred.	Turn off the printer and contact your dealer.

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.

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

4. Hold down the 🗄️ paper button and press the ⏻ power button to turn on the printer. Release only the ⏻ power button. After the printer starts the operation check, release the 🗄️ paper button.

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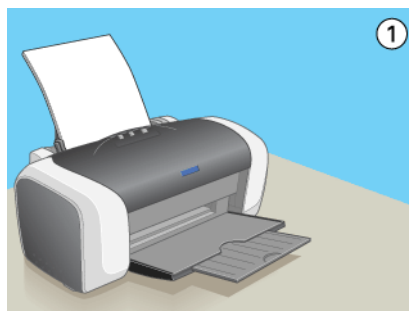
Compare the quality of the printed check page with the sample shown below. If there are no print quality problems, such as gaps or missing segments in the test lines, the printer itself is fine and the problem probably lies with the printer software settings, the application settings, the interface cable (be sure to use a shielded cable), or the computer itself.
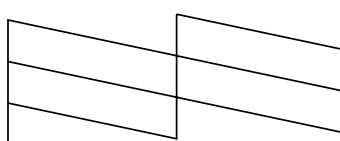
If the check page does not print satisfactorily as shown below, there is a problem with the printer. For example, if any segment of the printed lines is missing, this could mean a clogged ink nozzle or a misaligned print head.

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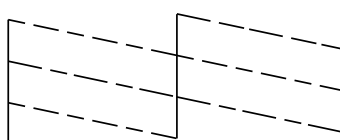
Print Quality Problems

If you are having print quality problems, first perform a
"<As_test.htm>Test Printing", then compare it with the
illustrations below. Click the caption under the illustration that
best resembles your printout.

enthalten alle ı Aufdruck. W J 5008 "Regel "Horizontal banding"	enthalten alle ı Aufdruck. W J 5008 "Regel "Vertical misalignment or banding"
  "Horizontal banding"	 "Vertical misalignment or banding"
  "Incorrect or missing colors"	 "Blurry or smeared printout"

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"

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❏ Run the Print Head Alignment utility.
➡ See "Aligning the Print Head"

❏ 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 Type 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" (for Windows)
➡ See "Print Dialog Box" (Mac OS 8.6 to 9.x)
➡ See "Print Dialog Box" (Mac OS X)

❏ Check the ◊ ink out light. If the light is flashing, replace the appropriate ink cartridge.
➡ See "Replacing an Empty Ink Cartridge"

❏ 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"

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"

❏ Run the Print Head Alignment utility.
➡ See "Aligning the Print Head"

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❏ Clear the High Speed check box in your printer software's
  Advanced dialog box.
  ➡ See "Making the Advanced settings" (Windows)
  ➡ See "Advanced settings" (Mac OS 8.6 to 9.x)
  ➡ See "Advanced mode" (Mac OS X)

❏ Make sure that the Media Type selected in the printer
  softwareis appropriate for the type of media loaded in the
  printer.

  "Media Type Settings"

Incorrect or missing colors

❏ Clear the Black Ink Only setting in your printer software (for
  Windows). Change the Ink setting in your printer software to
  Color (For Macintosh).
  ➡ See "Making the Advanced settings" (Windows)
  ➡ See "Color" (Mac OS 8.6 to 9.x)
  ➡ See "Color" (Mac OS X)

❏ Adjust the color settings in your application or in your printer
  software's Advanced dialog box.
  ➡ See "Making the Advanced settings" (Windows)
  ➡ See "Advanced settings" (Mac OS 8.6 to 9.x)
  ➡ See "Color Management" (Mac OS X)

❏ Run the Head Cleaning utility.
  ➡ See "Cleaning the Print Head"

  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"

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❏ 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"

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"

❏ 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 Type 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" (for Windows)
➡ See "Print Dialog Box" (Mac OS 8.6 to 9.x)
➡ See "Print Dialog Box" (Mac OS X)

❏ If the paper is curled toward the printable side, flatten it or curl it slightly in the opposite direction.

❏ Make sure that the Media Type setting in your printer's software is correct.

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❏ Remove each sheet from the output tray as it is printed, especially if you are using transparencies.

❏ 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"

❏ Run the Print Head Alignment utility.
➡ See "Aligning the Print Head"

Printout Problems Not Related to Print Quality

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/98/95).
➡ See "Using EPSON Spool Manager"

❏ Turn off the printer and computer. Make sure that the printer's interface cable is securely plugged in.

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Incorrect margins

❏ Check the margin settings in your application. Make sure that the margins are within the printable area of the page.
➡ See "Paper"

❏ 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" (Windows)
➡ See "Page Setup Dialog Box" (Mac OS 8.6 to 9.x)
➡ See "Page Setup Dialog Box" (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" (Windows)
➡ See "Advanced settings" (Mac OS 8.6 to 9.x)
➡ See "Advanced mode" (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).

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❏ 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" (Windows)
➡ See "Page Setup Dialog Box" (Mac OS 8.6 to 9.x)
➡ See "Page Setup Dialog Box" (Mac OS X)

❏ Run the Head Cleaning utility to clear any clogged nozzles.
➡ See "Cleaning the Print Head"

After trying one or more of these solutions, run a printer operation check to check your results.
➡ See "Running a printer operation check"

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. The Advanced dialog box is accessible through the Main menu (Windows) or the Print dialog box (Macintosh) when Custom is selected as the Mode setting. To turn this option off, you may also need to change the Print Quality setting.

❏ 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"

Printing is too slow

❏ Make sure that the Media Type setting in your printer software is correct.

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"Media Type Settings"

❏ 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" (Windows)
➡ See "Automatic mode" (Mac OS 8.6 to 9.x)
➡ See "Automatic mode" (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.

❏ For printer models that use the parallel port, you can enable DMA transfer if you computer supports ECP mode (Windows Me, 98, and 95).
➡ See "Enabling DMA transfer"

If you try all of the methods above and cannot solve the problem, see the following:
➡ "Increasing the Print Speed"

Paper Does Not Feed Correctly

Paper does not feed

Remove 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.

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❏ The paper is not loaded higher than the arrow mark on the left edge guide.

❏ The paper stack fits under the tabs inside the edge guides.

❏ The number of sheets in the paper stack does not exceed the limit specified for the media.

"Loading capacities for EPSON special media"

❏ Paper is not jammed inside the printer. If it is, remove the jammed paper.
➡ See "The paper jams"

❏ The ink cartridges are not empty. If one is, replace the appropriate cartridge.
➡ See "Replacing an Empty Ink Cartridge"

❏ Special loading instructions that came with your paper have been followed. Load the paper again.

"Loading Single Sheets of Paper"

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 paper stack fits under the tabs inside the edge guides.

❏ 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.

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❏ Remove the stack of paper and make sure that the paper is not too thin.
➜ See "Paper"

❏ 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" (Windows)
➜ See "Copies" (Macintosh)
➜ See "Copies & Pages" (Mac OS X)

The paper jams

Press the paper button to eject the jammed paper. If the error does not clear, turn the printer off and open the printer cover, then remove all of the paper inside, including any torn pieces. Then, reload the paper and press the paper button to resume printing.

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.

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❏ The paper is not loaded above the arrow on the left edge guide.

❏ The paper stack fits under the tabs inside the edge guides.

❏ The number of sheets in the paper stack does not exceed the limit specified for that media.

"Loading capacities for EPSON special media"

❏ 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 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" (Windows)
➡ See "Page Setup Dialog Box" (Mac OS 8.6 to 9.x)
➡ See "Page Setup Dialog Box" (Mac OS X)

❏ If the paper is wrinkled when it comes out, it may be damp or too thin. Load a new stack.

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Note:
Store any unused paper in its original packaging in a dry area.

Printer Does Not Print

All lights are off

❏ Press the ⏻ 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.

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❏ 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"

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.

❏ Users of Windows Me, 98, and 95 can clear any stalled print jobs from the spool manager.
➡ See "Using EPSON Spool Manager"

❏ If you are using Windows NT 4.0, try uninstalling the EPSON Printer Port. Click Start, point to Programs and then to EPSON Printers, then click EPSON Printer Port Uninstall. Follow the on-screen instructions.

❏ If the printer sounds like it is trying to print, but is unable to, run the Head Cleaning utility.
➡ See "Cleaning the Print Head"

If this does not work, replace the ink cartridges.
➡ See "Replacing an Ink Cartridge"

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.

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❏ If the ◊ ink out light is flashing, the ink supply is low. Obtain a replacement cartridge of the appropriate type.
➡ See "Replacing an Empty Ink Cartridge"

❏ If the ◊ ink out light is on and the ink cartridge is empty, replace the appropriate ink cartridge.
➡ See "Replacing an Empty Ink Cartridge"

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.

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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.
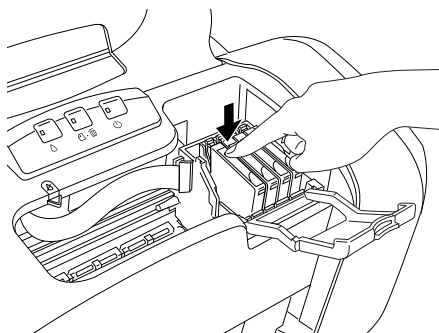
Correcting USB Problems

USB connections

USB cables or connections can sometimes be the source of USB problems. Try one or both of these solutions:

❏ Use the USB cable (C83623✽) recommended.
   ➜ See "System Requirements"

❏ 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.

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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 *Setup* 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.

1. 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.

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If About is displayed in the shortcut menu that appears, click it. If a message box with the words "Unidrv Printer Driver" appears, you must reinstall the printer software as described in the *Setup* 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.

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Select the icon for your printer, and then click Properties on the File menu.
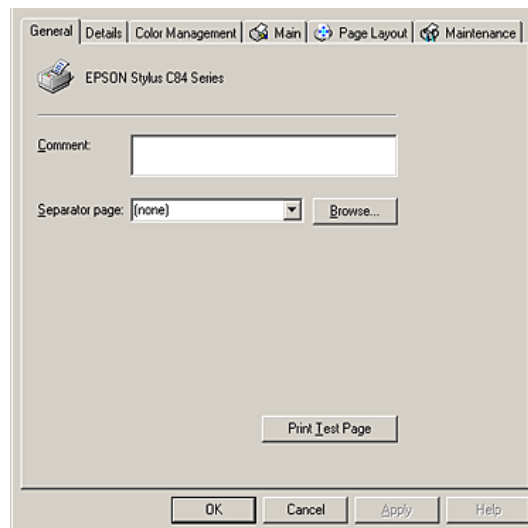
2. Click the Details tab.
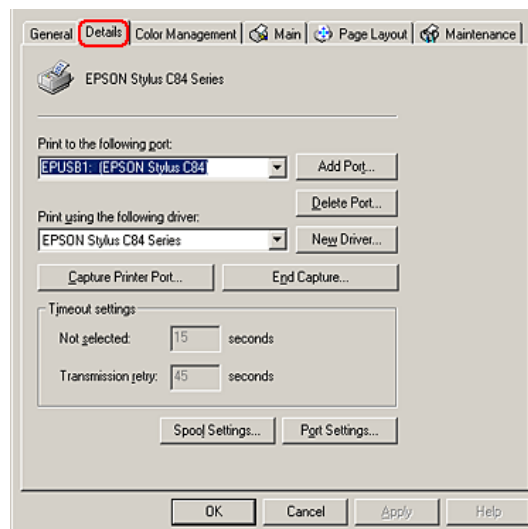
If EPUSBX: (EPSON Stylus C84) is displayed in the Print to the following port list, then the USB printer device driver and printer software are installed correctly. If the correct port is not displayed, proceed to the next step.
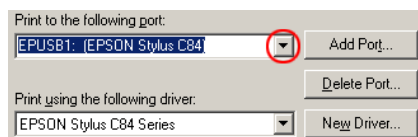
3. Right-click the My Computer icon on your desktop, and then click Properties.

4. Click the Device Manager tab.

   If your drivers are correctly installed, EPSON USB Printer Devices should appear on the Device Manager menu.

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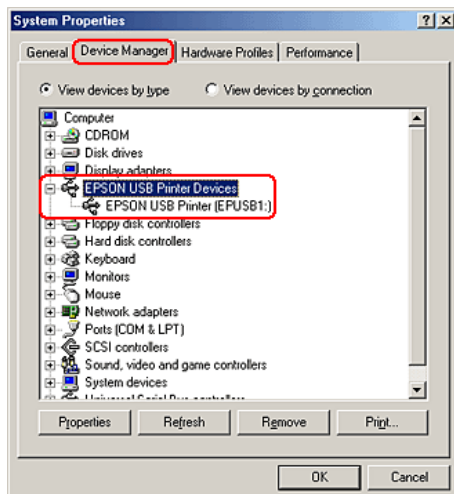
If EPSON USB Printer Devices does not appear on the Device Manager menu, click the plus (+) sign beside Other devices to view the installed devices.

If USB Printer or EPSON Stylus C84 appears under Other devices, the printer software is not installed correctly. Proceed to step 5.

If neither USB Printer nor EPSON Stylus C84 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 C84 and click Remove. Then, click OK.

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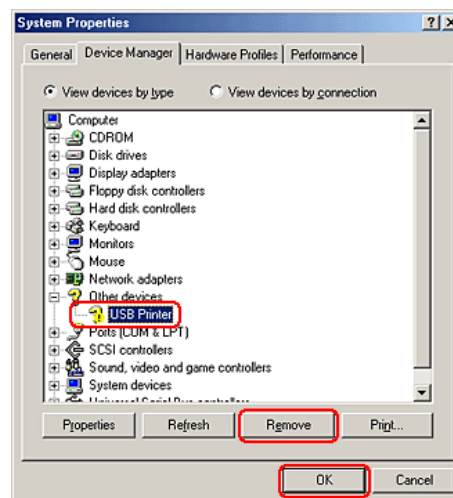
When the following dialog box appears, click OK, and then click OK to close the System Properties dialog box.

6. Uninstall the printer software.
   ➡ See "Uninstalling the printer software"

7. Turn off the printer, restart your computer, and reinstall the printer software as explained in the *Setup* sheet packed with your printer.

Cancelling 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 paper button while printing to cancel the printing of a page or a print job.

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For Windows XP, 2000, and NT 4.0

When you send a print job to the printer, the Progress Meter will appear on your computer screen.
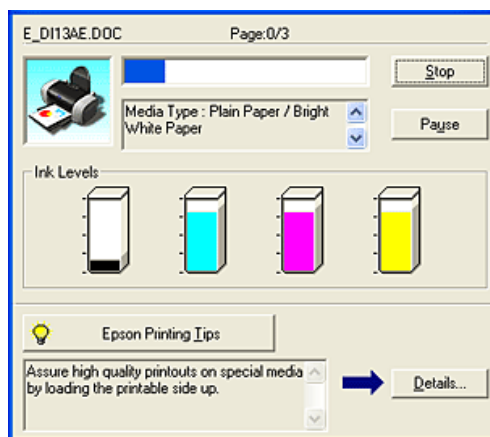
Click the Stop button to cancel printing.

For Windows Me, 98, and 95

It is possible to cancel printing using either the Progress Meter or EPSON Spool Manager. Refer to the appropriate section below.

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Using the Progress Meter

When you send a print job to the printer, the Progress Meter appears on your computer screen.
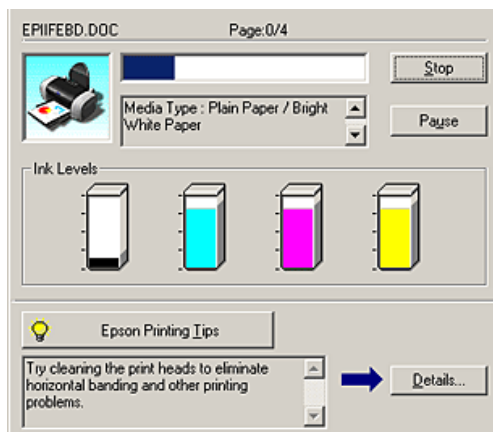
Click the Stop button to cancel printing.

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.

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After you send a print job, an EPSON Stylus C84 button will appear in the icon tray. Click this button to open the EPSON Spool Manager.
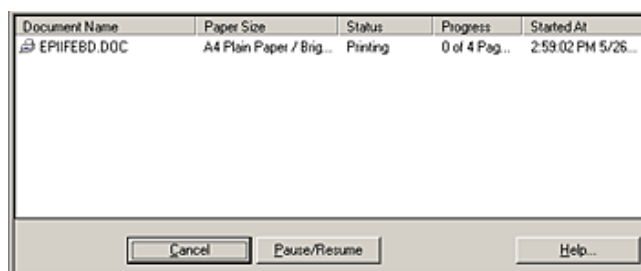
To cancel a print job, select the job in the list, and then click Cancel.

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 8.6 to 9.x

When background printing is on

Follow the steps below to cancel a print job.

1. Select EPSON MonitorIV from the application menu.

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2. Press the ⏻ 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.
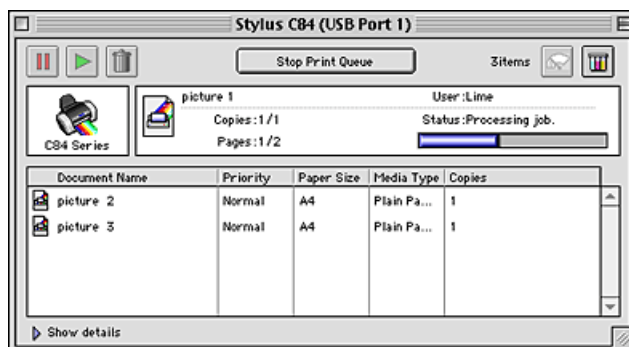
When background printing is off

Follow the steps below to cancel a print job.

1. Press the ⏻ 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.

For Mac OS X

Follow the steps below to cancel a print job.

1. Click the Print Center icon in Dock.

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2. Press the ⏻ power button to turn off the printer.

3. In the Document Name list, select the document which is printing, then click the Delete button to cancel the print job.
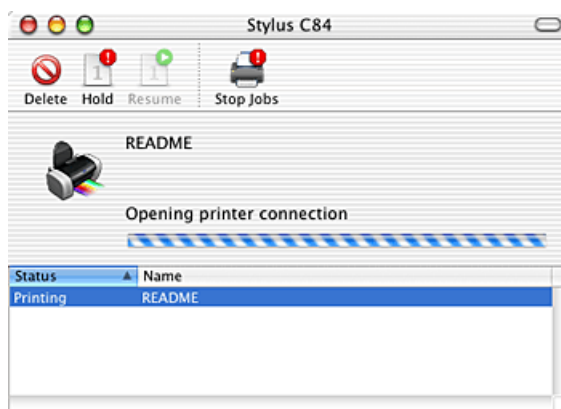
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Customer Support

Technical Support Web Site

EPSON's Technical Support Web Site provides help with problems that cannot be solved using the troubleshooting information in your printer documentation. If you have a Web browser and can connect to the Internet, access the site at:

http://support.epson.net/StylusC84/

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. If customer support for your area is not listed below, contact the dealer where you purchased your product.

Customer support 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

❏ Product software version
(Click About, Version Info, or similar button in the product software.)

❏ Brand and model of your computer

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❏ Your computer operating system name and version

❏ Names and versions of the software applications you normally use with your product

Select your country:

"Germany"	"Hungary"	"France"	"Norway"
"Yugoslavia"	"Austria"	"Slovac Republic"	"Spain"
"Sweden"	"Greece"	"Netherlands"	"Czek. Republic"
"United Kingdom"	"Republic of Ireland"	"Italy"	"Croatia"
"Belgium"	"Poland"	"Denmark"	"Finland"
"Cyprus"	"Luxemburg"	"Bulgaria"	"Romania"
"Macedonia"	"Portugal"	"Switzerland"	"Lithuania"
"Slovenia"	"Estonia"	"Latvia"	"Bosnia Herzgovina"
"Israel"	"Middle East"	"South Africa"	

"Argentina"	"Chile"	"Costa Rica"	"Peru"	"USA (Latin America)"
"Brazil"	"Colombia"	"Mexico"	"Venezuela"	"USA"

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Monday to Friday: 9 a.m. to 9 p.m.

Saturday to Sunday: 10 a.m. to 4 p.m.

Public holidays: 10 a.m. to 4 p.m.

(0,12 E per minute)

www.epson.de/support/

France

Support Technique EPSON France,

0 892 899 999 (0,34 E/minute)

Ouvert du lundi au samedi de 9h00 à 20h00 sans interruption

http://www.epson.fr/support/selfhelp/french.htm pour accéder à l'**AIDE EN LIGNE.**

http://www.epson.fr/support/services/index.shtml pour accéder aux **SERVICES** du support technique.

Centres de maintenance

AJACCIO CIM Le Stiletto - Lot N° 5 20090 AJACCIO	Tél : 04.95.23.73.73 Fax : 04.95.23.73.70
AMIENS FMA 13, rue Marc Sangnier 8000 AMIENS	Tél : 03.22.22.05.04 Fax : 03.22.22.05.01

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AVIGNON MAINTRONIC Anthéa, rue du Mourelet ZI de Courtine III 84000 AVIGNON	Tél : 04.32.74.33.50 Fax : 04.32.74.05.89
BASTIA (td) CIM Immeuble Albitreccia Avenue du Maichione 20200 LUPINO	Tél : 04.95.30.65.01 Fax : 04.95.30.65.01
BORDEAUX FMA Parc d'activités Chemin Long Allée James Watt - Immeuble Space 3 33700 MERIGNAC	Tél : 05.56.34.85.16 Fax : 05.56.47.63.18
BORDEAUX MAINTRONIC 11/19 rue Edmond Besse Immeuble Rive Gauche 33300 BORDEAUX	Tél : 05.57.10.67.67 Fax : 05.56.69.98.10
BOURGES (td) BEGELEC 18, avenue du 11 Novembre 18000 BOURGES	Tél : 02.48.67.00.38 Fax : 02.48.67.98.88
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CROISSY SUR SEINE BEGELEC ZA Claude Monet 5 rue Hans List Bât F 78290 CROISSY SUR SEINE	Tél : 01 30 09 20 55 Fax : 01 34 80 17 24
DIJON FMA 60, rue du 14 Juillet Parc des Grands Crus 21300 CHENOVE	Tél : 03.80.51.17.17 Fax : 03.80.51.23.00
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LE HAVRE FMA 33, bd de Lattre de Tassigny 76600 LE HAVRE	Tél : 02.32.74.27.44 Fax : 02.35.19.05.35
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LILLE FMA 99 rue Parmentier - Bât A 59650 VILLENEUVE D'ASCQ	Tél : 03.20.71.47.30 Fax : 03.20.61.07.90
LILLE MAINTRONIC Synergie Park 9, avenue Pierre et Marie Curie 59260 LEZENNES	Tél : 03.20.19.04.10 Fax : 03.20.19.04.19
LIMOGES MAINTRONIC 43 rue Cruveilher 87000 LIMOGES	Tél : 05.55.10.36.75 Fax : 05.55.77.44.00
LYON FMA 136, chemin Moulin Carron 69130 ECULLY	Tél : 04.78.35.38.65 Fax : 04.78.35.24.99
LYON MAINTRONIC 9, allée du Général Benoist ZAC du Chêne 69500 BRON	Tél : 04.72.14.95.00 Fax : 04.78.41.81.96
LYON Centre MAINTRONIC 4, quai Jules Courmont 69002 LYON	Tél : 04.72.56.94.85 Fax : 04.72.56.94.89

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METZ MAINTRONIC TECHNOPOLE 2000 6, rue Thomas Edison 57070 METZ	Tél : 03.87.76.98.30 Fax : 03.87.76.31.15
MONTPELLIER MAINTRONIC Parc Ateliers Technologiques 2, avenue Einstein 34000 MONTPELLIER	Tél : 04.67.15.66.80 Fax : 04.67.22.50.91
MULHOUSE FMA 106, rue des Bains 68390 SAUSHEIM	Tél : 03.89.61.77.88 Fax : 03.89.31.05.25
NANCY FMA 3 rue du Bois Chêne le Loup 54500 VANDOEUVRE CEDEX	Tél : 03.83.44.44.00 Fax : 03.83.44.10.20

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NICE FMA 329, avenue des PUGETS Bât A.2 - Le Réal 06700 ST LAURENT DU VAR	Tél : 04.93.14.01.70 Fax : 04.93.14.01.73
NICE MAINTRONIC Les terriers Nord Immeuble Les Sporades 500, allée des Terriers 06600 ANTIBES	Tél : 04.92.91.90.90 Fax : 04.93.33.98.63
NIORT MAINTRONIC 49 rue du Fief d'Amourettes 79000 NIORT	Tél : 05 49 24 18 71 Fax : 05 49 24 15 85
ORLEANS FMA ZA des Vallées 45770 SARAN	Tél : 02 38 73 16 00 Fax : 02 38 43 85 77
PARIS 11ème FMA 10 rue des Goncourt 75011 PARIS	Tél : 01 47 00 95 95 Fax : 01 47 00 95 96

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PARIS 13ème MAINTRONIC Immeuble Berlier 15, rue JB Berlier 75013 PARIS	Tél : 01.44.06.99.44 Fax : 01.44.24.05.06
PARIS 14ème FMA 63, rue de Gergovie 75014 PARIS	Tél : 01.45.45.57.65 Fax : 01.45.39.48.86
PARIS EST (td) BEGELEC 3, allée Jean Image 77200 TORCY	Tél : 01.60.06.02.02 Fax : 01.60.06.02.60
PARIS NORD FMA 30, av. du vieux Chemin de St Denis 92390 VILLENEUVE LA GARENNE	Tél : 01.40.85.98.08 Fax : 01.47.92.00.85
PARIS SUD BEGELEC Immeuble Femto 1, avenue de Norvège 91953 LES ULIS	Tél : 01.64.46.44.01 Fax : 01.69.28.83.22
PAU MAINTRONIC 375, bd Cami Sallié 64000 PAU	Tél : 05.59.40.24.00 Fax : 05.59.40.24.25

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RENNES MAINTRONIC Parc d'affaires de la Bretèche Bât 2 35760 RENNES ST GREGOIRE	Tél : 02.99.23.62.23 Fax : 02.99.23.62.20
ROUEN BEGELEC Technopole des Bocquets Immeuble le Dulong 75 Allée Paul Langevin 76230 BOIS GUILLAUME	Tél : 02 35 12 41 66 Fax : 02 35 12 41 67
STRASBOURG FMA Parc d'activités Point Sud 3C rue du Fort 67118 GEISPOSHEIM	Tél : 03.88.55.38.18 Fax : 03.88.55.41.55
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TOURS BEGELEC 25, rue des Granges Galand ZI des Granges Galand 37550 ST AVERTIN	Tél : 02.47.25.10.60 Fax : 02.47.25.10.72
TROYES (td) BEGELEC 15, rue des Epingliers 10120 St ANDRE LES VERGERS	Tél : 03.25.49.78.96 Fax :03.25.49.78.97
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ALICANTE	ALICANTE	RPEI	96/510.20.53	96/511.41.80	C/ EDUARDO LANGUCHA, 17 BAJOS	03006
ALMERIA	ALMERIA	MASTER KIT S.A.	950/62.13.77	950/62.13.72	CAMINO LA GOLETA, 2ª TRAV.NAVE 4	04007
OVIEDO	ASTURIAS	COMERCIAL EPROM, S.A.	98/523.04.59	98/527.30.19	AV. DE LAS SEGADAS, 5 BAJOS	33006
OVIEDO	ASTURIAS	LABEL MICROHARD, S.L.	98/511.37.53	98/511.37.53	C/. FERNÁNDEZ DE OVIEDO, 38, BJO.	33012
BADAJOZ	BADAJOZ	INFOMEC S.C.	924/24.19.19	924/22.90.36	C/ VICENTE DELGADO ALGABA, 10	06010
BADAJOZ	BADAJOZ	PAITRON BADAJOZ	902/24.20.24	924/24.18.97	AV. Mª AUXILIADORA, 7	06011
MÉRIDA	BADAJOZ	PAITRON MÉRIDA	924/37.16.06	924/37.15.91	C/ PUERTO RICO, 2	06800
PALMA DE M.	BALEARES	BALEAR DE INSTALACIONES Y MANT. S.L	971/24.64.55	971/24.51.02	C/ MANACOR, 82 A BAJOS	07006
MAHÓN	BALEARES	INFORMÁTICA MAHÓN, S.L.	971/35.33.23	971/35.12.12	C/. SAN CLEMENTE, 78 (SES VINYES)	07707

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BARCELONA	BARCELONA	MICROVIDEO	93/265.15.75	93/265.44.58	AVDA DIAGONAL, 296	08013
CERDANYOLA	BARCELONA	OFYSAT S.L.	93/580.87.87	93/580.89.96	C/ FONTETES, 3-5, Local 1	08290
BARCELONA	BARCELONA	RIFÉ ELECTRÓNICA, S.A.	93/453.12.40	93/323.64.70	C/ ARIBAU, 81	08036
SANT BOI	BARCELONA	SELTRON S.L.	93/652.97.70	93/630.81.04	C/ INDUSTRIA, 44-46	08830
MANRESA	BARCELONA	TELESERVICIO	93/873.56.23	93/877.00.34	AV. TUDELA, 44	08240
BURGOS	BURGOS	MANHARD, S.L.	947/22.11.09	947/22.09.19	AVDA CASTILLA-LEÓN, 46	09006
CÁCERES	CÁCERES	PAITRON CÁCERES	902/21.40.21	927/21.39.99	C/ GABINO MURIEL, 1	10001
PTO.SANTA.Mª.	CÁDIZ	ELSE INFORMÁTICA, S.L.	902/19.75.63	956/56.05.12	AV. RIO SAN PEDRO, 59, URB. VALDELAGRANA	11500
JEREZ	CÁDIZ	NEW SERVICE, S.L.	956/18.38.38	956/18.55.85	C/ ASTA, 18	11404
LAS PALMAS	CANARIAS	MEILAND	928/29.22.30	928/23.38.92	C/ NÉSTOR DE LA TORRE, 3 OFIC.1	35006
LAS PALMAS	CANARIAS	G.B. CANARIAS SERVICIOS, S.L.	902/11.47.54	902/08.28.38	C/. DR. JUAN DOMINGUEZ PEREZ, 6 URB. SEBADAL	35008
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ALCAZAR	CIUDAD REAL	GRUPO DINFOR ALCÁZAR	926/54.55.62	926/54.57.67	C/ DR. BONARDELL, 37	13600
CIUDAD REAL	CIUDAD REAL	GRUPO DINFOR C. REAL	926/25.42.25	926/23.04.94	C/. TOLEDO, 34	13003
CÓRDOBA	CÓRDOBA	SETESUR ANDALUCIA, S.L.	957/43.80.09	957/43.92.04	C/. ESCRITOR TOMÁS SÁNCHEZ, 3	14014
GIRONA	GIRONA	PROJECTES COM-TECH, S.L.	972/24.11.35	972/40.11.85	PLAZA DE LA ASUNCION, 35	17005
GRANADA	GRANADA	INTELCO ASISTENCIA TÉCNICA, S.L.	958/13.21.79	958/13.22.09	C/ PRIMAVERA, 20	18008
SAN SEBASTIAN	GUIPUZCOA	ELECTRÓNICA GUIPUZCOANA	943/46.86.40	943/45.57.01	C/ BALLENEROS, 4 BAJOS	20011

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LEÓN	LEÓN	PROSYSTEM	987/22.11.97	987/24.88.97	C/. JUAN DE LA COSA, 14	24009
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Portugal

EPSON Portugal, S.A.

Rua Gregório Lopes Lote 1514 Restelo

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Austria

EPSON Deutschland GmbH

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Other Information

Setting Up Your Printer on a Network

For Windows XP, 2000, and NT 4.0

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 or NT 4.0, 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.

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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.
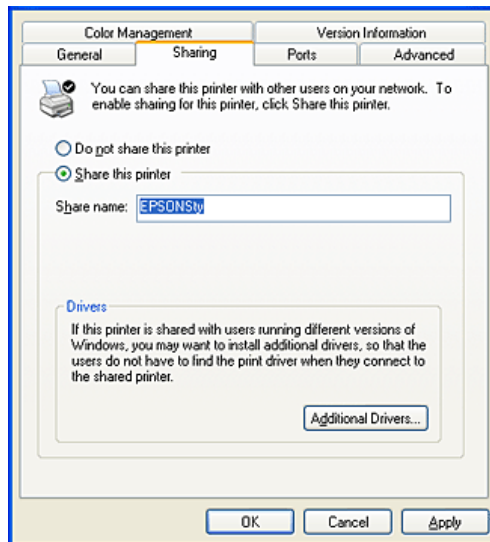
Note:
The figures provided in the following section pertain to Windows XP.

1. 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 and NT 4.0, click Start, point to Settings, then click Printers.

2. Right-click the icon for your printer, then click Sharing.

3. For Windows XP and 2000, select Shared as, then type a name for the shared printer.
    For Windows NT 4.0, select Shared, and then type a name for the shared printer.

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Note:
Do not use spaces or hyphens in the printer name.

If you want Windows XP, 2000 or NT 4.0 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. Select WINNT40 for Windows NT 4.0.

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.

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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"*

1. 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 and NT 4.0, Click Start, point to Settings,
    then click Printers.

2. Double-click the Add Printer icon. The Add Printer Wizard
    appears.

3. Click Next.

4. Select Network printer, then click Next.

5. On the next screen, click Next.

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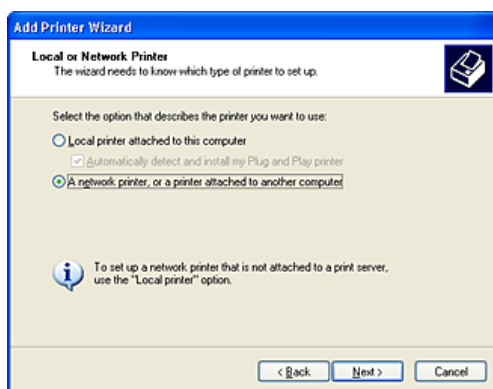
6. Double-click the icon of the computer that is directly connected to the printer. Then, click the icon for the appropriate printer.
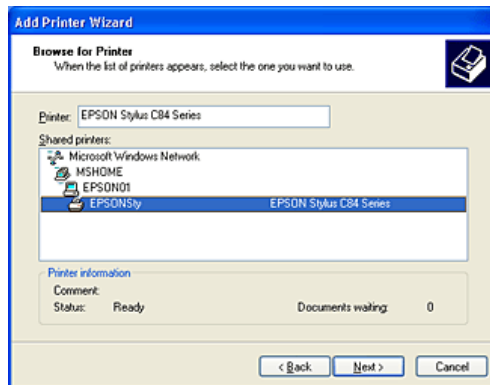
7. Click Next and follow the on-screen instructions.

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.*

❏ *To monitor the status of a shared printer, EPSON Status Monitor 3 must be installed on each computer. EPSON Status Monitor 3 is automatically installed when you install the printer software for the first time.*

For Windows Me, 98, and 95

This section tells you how to set up your printer so that other computers on a network can use it.

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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.

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Note:
❏ *If a dialog box appears requesting that you insert the Windows Me, 98, or 95 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.
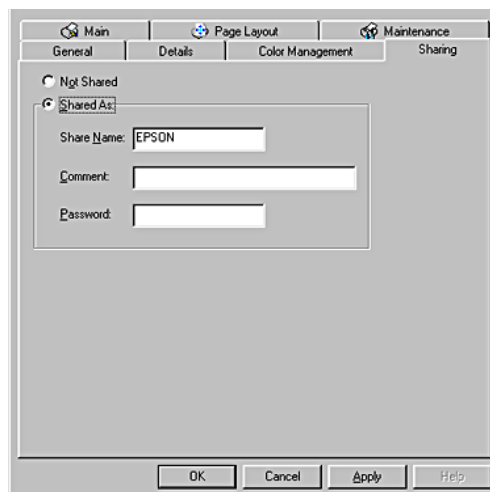
Accessing the printer through a network

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.

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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"*

1. Click Start, point to Settings, then click Printers.

2. Double-click the Add Printer icon. The Add Printer Wizard
   appears.

3. Click Next.

4. Select Network printer, then click Next.
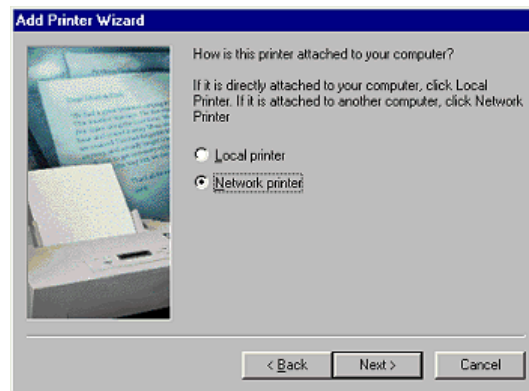
5. On the next screen, click Browse.

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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.

Note:
To monitor the status of a shared printer, EPSON Status Monitor 3 must be installed on each computer. EPSON Status Monitor 3 is automatically installed when you install the printer software for the first time.

For Mac OS 8.6 to 9.x

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.

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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.
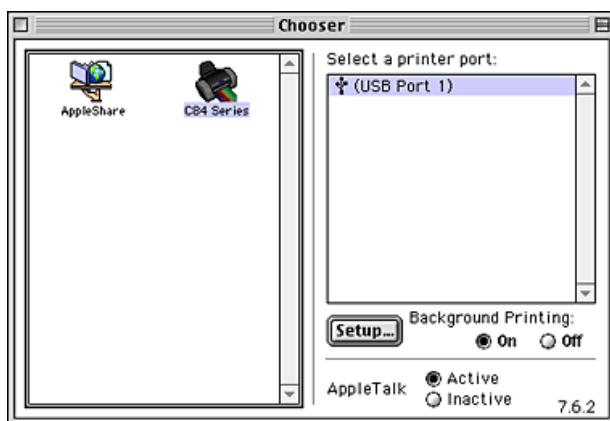
3. Click the Setup button. The Printer Sharing Setup dialog box opens.

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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.

6. 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.

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Note:
Only printers that are connected to your current AppleTalk zone are available.
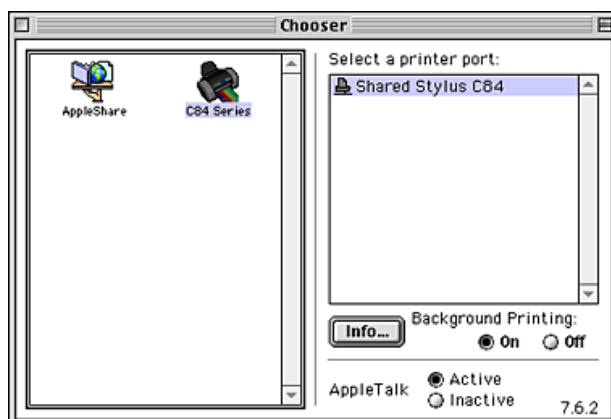
If the following dialog box appears, enter the password for the printer, then click OK.
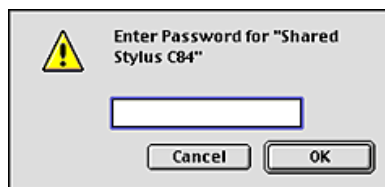
4. Select the appropriate Background Printing radio button to turn background printing on or off.

5. Close the Chooser.

For Mac OS X

Use the Printer Sharing setting, which is a standard feature of 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.

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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. 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 characteristics	Image size	Small	Large	-
	Resolution	Low	High	

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The table below shows the factors related to print speed only.

Print speed		Faster	Slower	Printer software menu
Printer software settings	Orientation	Portrait	Landscape	Main menu (Windows), Page Setup dialog box (Macintosh)
	Color**	Black	Color	Advanced dialog box, Main menu (Windows), Print dialog box (Macintosh)
	Mirror Image*	Off	On	Advanced dialog box
	Edge smoothing*	Off	On	Advanced dialog box
	Fast Feed*	On	Off	Advanced dialog box
	Photo Enhance	Off	On	Advanced dialog box, Main menu (Windows), Print dialog box (Macintosh)
	Collate*	Off	On	Page Layout menu (Windows), Layout dialog box (Macintosh)
	Reverse Order*	Off	On	

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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 Utility menu. The following dialog box appears.
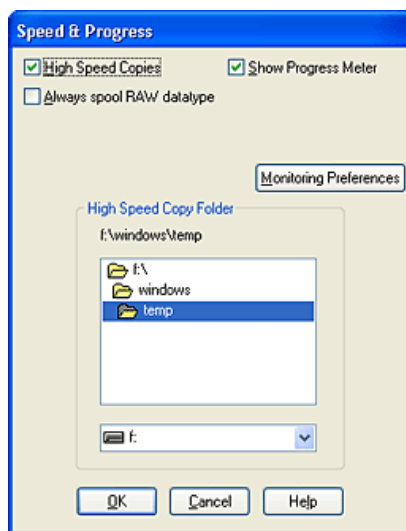
The available settings that are related to print speed are as follows:

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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.

EPSON Printer Port (Windows Me, 98,and 95)

For printer models that use the parallel port, select this check box
to enable the EPSON printer port optimized for EPSON printers,
instead of the default Windows printer port. This speeds up the
data transfer rate to EPSON printers. Parallel port users can
further increase print speed by enabling DMA transfer, as
explained below.

Enabling DMA transfer

If your computer has a parallel port that supports ECP mode, you
can enable DMA transfer to speed up printing. See your computer
manual to determine if it supports ECP mode and DMA transfer.

To determine whether you need to enable DMA transfer, compare
the message below the EPSON Printer Port check box to this table,
and take the recommended action.

Message	Action
High Speed (DMA) Transfer enabled.	DMA transfer is already enabled. Click OK to close the dialog box.
For higher data transfer rates, use DMA Transfer.	Follow the steps below this table to enable DMA transfer.

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Message	Action
(No message)	Your system's parallel port setting does not allow DMA transfer. However, if you change the parallel port setting to ECP or Enhanced using your computer's BIOS Setup program, you may be able to use DMA transfer. Consult your computer manual or computer manufacturer for instructions. Once you change the parallel port setting, follow the steps below this table to enable DMA transfer. **Note:** Before you run the BIOS Setup program, uninstall the printer software using Add/Remove Programs in the Control Panel. After running the BIOS Setup program, reinstall the printer software.

If you want to enable DMA transfer, follow the steps below.

1. Double-click the My Computer icon on your desktop, then Control Panel.

2. Double-click the System icon, and then click the Device Manager tab.

3. Double-click the Ports (COM & LPT) icon, then the LPT1 icon. If your printer is connected to a port other than LPT1, double-click the appropriate port icon.

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4. Click the Resources tab, and then clear the Use automatic settings check box. Write down the Input/Output Range settings shown in the resource settings box.
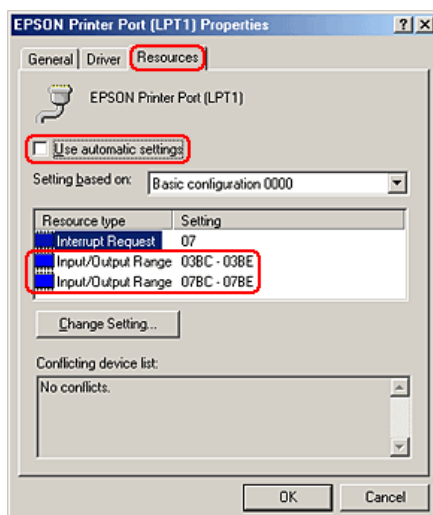
5. From the Setting based on list, select a basic configuration setting that uses the same Input/Output Range settings as those you wrote down in Step 4, and make sure that the Direct Memory Access channel and Interrupt Request numbers are allocated and displayed. Confirm also that the Conflicting device list text box shows No conflicts.

6. Click OK to save the settings.

7. Reopen the Speed & Progress dialog box to verify whether DMA transfer has been enabled.

Note:
You may not be able to use DMA transfer on some computers even after you make the settings explained above. Consult your computer maker for information on the DMA transfer capability of your computer.

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Using Port Configuration (Windows NT 4.0 only)

Note:
Port settings are complicated and should only be made by an experienced
user with administrative privileges.

If your computer has a parallel port that supports ECP mode, you
can make certain print speed settings in the Port Configuration
dialog box. Before making settings, make sure that ECP mode has
been selected in your computer settings. For details about ECP
mode, see your computer manual.

To access the Port Configuration dialog box, click the Start button,
point to Settings, and click Printers. Then, select your printer and
click Properties on the File menu. The printer driver opens. Click
the Ports tab, then click Configure Port. The following dialog box
appears.
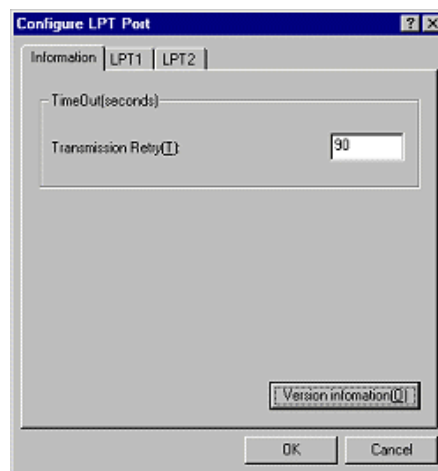
Click the LPT port tab for the port to which your printer is
connected, then click the Port Configuration button.

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Note:
If your printer is connected to LPT1, only the LPT1 *tab is available.*
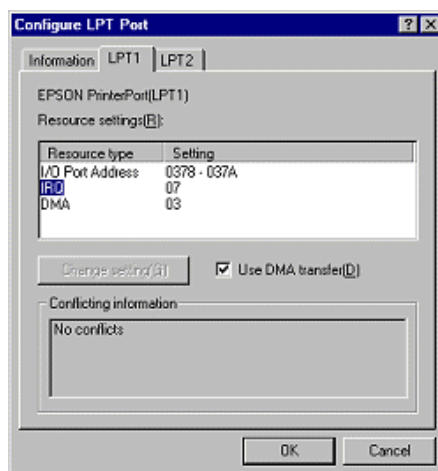
The available settings are as follows:

Resource settings (IRQ and DMA)

If you have connected your printer to LPT2 or LPT3, making IRQ and DMA settings here may speed up printing. Click Change setting and input the same configuration numbers for IRQ and DMA which you have made with your expansion board. See your computer documentation to determine the settings for IRQ and DMA.

Use DMA transfer

Using DMA transfer to send print data to the computer may help speed up printing. If the Use DMA Transfer check box is not enabled, you must first enable DMA transfer in your computer settings. For details, see your computer documentation.

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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 to Windows Me or 98

If you have upgraded your computer's operating system from Windows 95 to Windows Me or 98, you must uninstall your printer software, and then install it again.
➡ See "Uninstalling the printer software"

Updating the printer software in Windows Me, XP, 2000, or NT 4.0

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"

Uninstalling the printer software

For Windows

Note:
❑ *To uninstall applications in Windows 2000 or NT 4.0, it is necessary to log on as a user with administrative privileges (a user who belongs to the Administrators group).*

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❏ *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.

2. For Windows Me, 98, 95, 2000, and NT 4.0, click the Start button, point to Settings, then select Control Panel.
    For Windows XP, click the Start button, then select Control Panel.

3. 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 C84 icon, then click OK.

5. 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.*

For Macintosh

Note:
You cannot uninstall the printer driver in Mac OS X.

1. Turn on your Macintosh and insert the software CD into the CD-ROM drive. The EPSON printer software disk will open automatically.

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2. If separate folders containing installer icons for several languages appear, double-click the folder for your preferred language, then double-click the Installer icon in the Disk 1 folder inside the Disk Package folder.

3. After the initial screen, click Continue.

4. Select Uninstall from the pull-down menu at the top left, and then click Uninstall.

Uninstalling the Reference Guide

For Windows

Note:
❏ *To uninstall applications in Windows 2000 or NT 4.0, 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.*

In Windows XP, you cannot uninstall applications if you log on as a Limited-account user.

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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, 95, or 2000, click the Start button, point to Settings, then select Control Panel.

3. Double-click the Add or Remove Programs icon, then select ESC84 Reference Guide from the list. Click Change/Remove in Windows XP or 2000, or Add/Remove in Windows Me, 98, or 95.

4. 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 Reference Guide folder, located in the EPSON Stylus C84 folder, from the hard disk to the Trash. Then, drag the ESC84 Reference 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.

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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 have leaked inside the printer, wipe the inside of the printer with a soft, clean cloth.
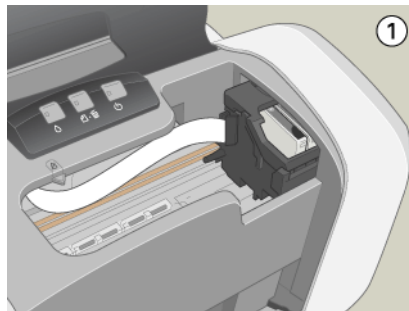
⚠️ *Warning:*
Be careful not to touch the gears or rollers inside the printer.

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> ⚠️ *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.

> ⚠️ *Warning:*
> *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.*

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> **⚠ Caution:**
> ❏ *When storing or transporting the printer, do not tilt it, stand it up vertically, or turn it upside down. Otherwise, ink may leak because of shock or vibration.*
>
> ❏ *When you transport the printer, remove all ink cartridges from the printer. Otherwise, ink may leak because of shock or vibration.*

1. Plug in the printer, then turn on the printer.

2. Press the ◊ ink button. The print head moves to the ink cartridge replacement position, and the ⏻ power light begins to flash.

   > **⚠ Caution:**
   > *Do not move or force the print head by hand, as this may damage the printer. Always press the ◊ ink button to move the print head.*

   > *Note:*
   > *Do not press the ◊ ink button over three seconds; otherwise, the printer starts cleaning the print head.*

3. Open the printer cover, then open the cartridge cover.

4. To remove all ink cartridges, pinch the sides of each ink cartridge, then lift each cartridge out of the printer.

5. Close the cartridge cover, then close the printer cover.

6. Press the ◊ ink button. The print head returns to the home position.

7. Turn off the printer, then unplug the printer.

8. Disconnect the interface cable from the printer.

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9. Remove the paper from the sheet feeder and remove the paper support.

10. Open the printer cover again. Secure the ink cartridge holder to the printer with tape as shown below, then close the printer cover.
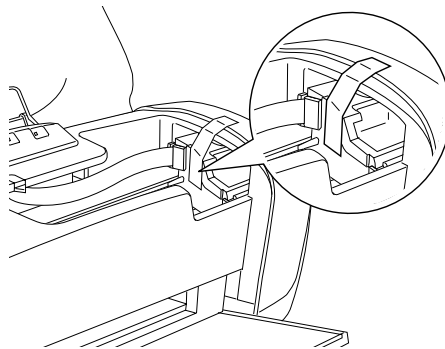
11. Raise the output tray.

12. Attach the protective materials to both sides of the printer.

13. Repack the printer and power cord in the original box.

14. Keep the printer level during transport.

15. Be sure to remove the tape from the printer before using it again.

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Printer Parts and Control Panel Functions

Printer Parts
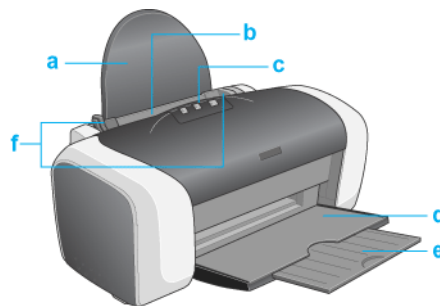
a. **Paper support:** Supports the paper loaded in the sheet feeder.

b. **Sheet feeder:** Holds blank paper and automatically feeds the paper during printing.

c. **Printer cover:** Covers the printing mechanism. Open only when installing or replacing ink cartridges.

d. **Output tray:** Receives the ejected paper.

e. **Output tray extension:** Supports the ejected paper.

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f. **Edge guides:** Help load the paper straight. Adjust the left edge guide to fit the width of your paper.
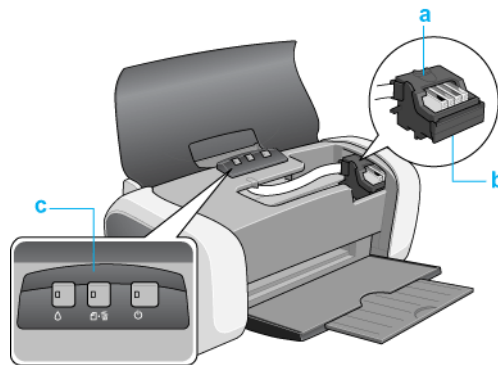
a. **Cartridge cover:** Hold the ink cartridges in place. Open only when installing or replacing ink cartridges.

b. **Print head:** Delivers ink to the page.

c. **Control panel:** Controls various printer functions. See the next section for details.

Control panel

Buttons

Button	Function
⏻ power	Turns the printer on and off.

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⬛·🗑️ paper	Loads or ejects paper. Resumes printing if pressed after a paper out error or double feed error. If pressed while printing, cancels the printing of a page or a print job.
💧 ink	Moves the print head to the ink check position when an empty ink cartridge is detected. Moves the print head to the ink cartridge replacement position. Returns the print head to its home position after ink cartridge replacement. Performs print head cleaning if held down for three seconds when the ◊ ink out light is off.

Lights

Light	Description
⏻ power	On when the printer is on. Flashing when the printer is receiving data, printing, having an ink cartridge replaced, charging ink, or cleaning the print head.
⬛·🗑️ paper out	On when the printer is out of paper or when a double feed Error is detected. Load paper into the sheet feeder, then press the ⬛🗑️ paper button to resume printing. Flashing when the paper is jammed. Take all of the paper out of the feeder, then reload the paper. If the light continues to flash, turn off the printer and gently pull all of the paper out of the printer.
💧 ink out	Flashing when the ink cartridge is nearly empty. On when the ink cartridge is empty. Replace the ink cartridge.

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Options and Consumable Products

Options

The options below are available for your printer.

Interface cables

EPSON offers the interface cable listed below for use with your printer. However, you can use any interface cable that meets these specifications. See your computer manual for any additional requirements.

❏ USB Interface Cable (shielded) C83623✻ from Series A 4-pin (computer) to series B 4-pin (printer).

❏ Parallel Interface Cable (shielded) C83602✻ from D-SUB 25-pin (computer) to 36-pin Amphenol 57 Series (printer)

Note:
❏ *The asterisk (✻) is a substitute for the last digit of the product number, which varies by location.*

❏ *Depending on your geographic location, this cable may not be supplied.*

! *Caution:*
   Use only the interface cables which meet the specifications listed above. Using other cables not covered by EPSON warranties may cause the printer to malfunction.

Consumable products

The following ink cartridges and EPSON special media are available for your printer.

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Ink cartridges

You can use the following cartridges with your printer.

Black Ink cartridge	T0431, T0441
Color ink cartridge Cyan Magenta Yellow	 T0442, T0452 T0443, T0453 T0444, T0454

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"

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"*

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Exif Print

Exif Version 2.2 (also called Exif Print, an international standard for digital cameras) allows you to print fine-quality photographs using, in combination, a digital camera and printer that support this feature.

Note:
You need to install EPSON PhotoQuicker before you can use the Exif Print function. EPSON PhotoQuicker is not available for Windows NT 4.0 or Mac OS X.

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.

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Printout without Exif Print
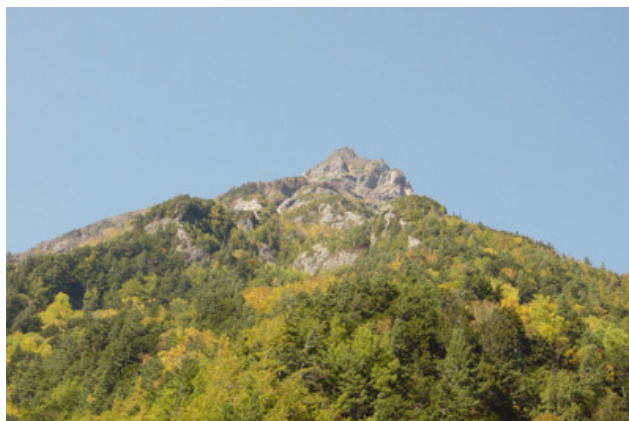
Printout with Exif Print

When Exif Print data is embedded in the photo data, the printer interprets how to adjust and print the image.
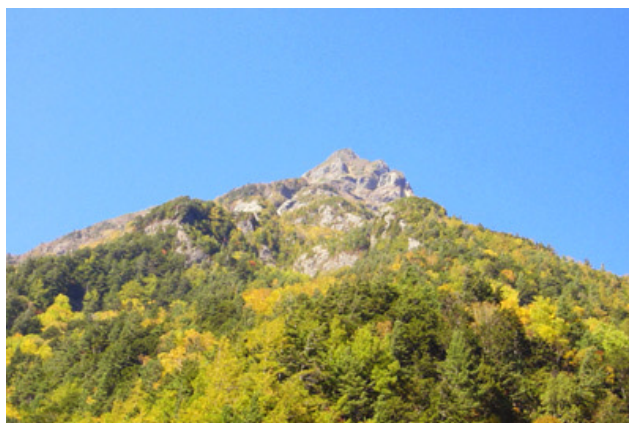
*Note:
The images above are samples. Print results depend on the printer.*

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How to use

Take pictures using Exif Print compatible digital cameras, then use EPSON PhotoQuicker to print them. EPSON PhotoQuicker is included on the software CD-ROM.

Exif Print is compatible with the media listed below.

Select from these media types when printing.

Plain Paper/EPSON Bright White Ink Jet Paper/
EPSON Photo Paper/
EPSON Matte Paper-Heavyweight/
EPSON Premium Semigloss Photo Paper/
EPSON DURABrite Photo Paper/
EPSON DURABrite Ink Glossy Photo Paper

Note:
Refer to the digital camera's documentation to find out whether the camera is Exif Print compatible.

Refer to the EPSON PhotoQuicker User's Guide included on the software for instructions.

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Printer Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	Monochrome (black) 180 nozzles
	Color (cyan, magenta, yellow) 177 nozzles (59 × 3 colors)

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.

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Paper specifications

Single sheets:

Size	A4 (210 × 297 mm)
	A5 (148 × 210 mm)
	Letter (216 × 279 mm)
	Half letter (139.7 × 215.9 mm)
	Legal (216 × 356 mm)
	Executive (184.2 × 266.7 mm)
	100 × 150 mm
	5 × 7" (127 × 178 mm)
	3.5 × 5" (89 × 127 mm)
Paper types	Plain bond paper, special paper distributed by EPSON
Thickness (for plain bond paper)	0.08 to 0.11 mm (0.003 to 0.004 inch)
Weight (for plain bond paper)	64 g/m² (17 lb) to 90 g/m² (24 lb)

Envelopes:

Size	No. 10 (104.8 × 241 mm)
	DL (110 × 220 mm)
	C6 (114 × 162 mm)
	132 × 220 mm
Paper types	Plain bond paper, air mail
Thickness	0.16 to 0.52 mm (0.006 to 0.02 inch)
Weight	45 g/m² (12 lb) to 75 g/m² (20 lb)

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Premium Ink Jet Plain Paper:

Size   A4 (210 mm × 297 mm)

Paper types   Special paper distributed by EPSON

Bright White Ink Jet Paper:

Size   A4 (210 mm × 297 mm)

Paper types   Special paper distributed by EPSON

Matte Paper-Heavyweight:

Size   Letter (216 mm × 279 mm)

                A4 (210 mm × 297 mm)

                8 × 10" (203 mm × 254 mm)

Paper types   Special paper distributed by EPSON

Double Sided Matte Paper:

Size   Letter (216 mm × 279 mm)

                A4 (210 mm × 297 mm)

Paper types   Special paper distributed by EPSON

Archival Matte Paper:

Size   A4 (210 mm × 297 mm)

Paper types   Special paper distributed by EPSON

Photo Quality Ink Jet Paper:

Size   Letter (216 mm × 279 mm)

                A6 (105 mm × 148 mm)

                5 × 8" (127 mm × 203 mm)

                8 × 10" (203 mm × 254 mm)

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Paper types　　Special paper distributed by EPSON

DURABrite Photo Paper:

Size　　　　　A4 (210 mm × 297 mm)

　　　　　　　100 mm × 150 mm

Paper types　　Special paper distributed by EPSON

DURABrite Ink Glossy Photo Paper:

Size　　　　　Letter (216 mm × 279 mm)

　　　　　　　4 × 6" (113.6 mm × 175.4 mm)

Paper types　　Special paper distributed by EPSON

Photo Paper:

Size　　　　　A4 (210 mm × 297 mm)

　　　　　　　100 mm × 150 mm

　　　　　　　4 × 6" (113.6 mm × 175.4 mm)

Paper types　　Special paper distributed by EPSON

Glossy Photo Paper:

Size　　　　　Letter (216 mm × 279 mm)

　　　　　　　4 × 6" (113.6 mm × 175.4 mm)

Paper types　　Special paper distributed by EPSON

Premium Semigloss Photo Paper:

Size　　　　　Letter (216 mm × 279 mm)

　　　　　　　A4 (210 mm × 297 mm)

Paper types　　Special paper distributed by EPSON

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Transparencies:

Size	A4 (210 mm × 297 mm)
	Letter (216 mm × 279 mm)
Paper types	Special paper distributed by EPSON

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

Single sheets (including panoramic size) and index cards

Normal   Borderless

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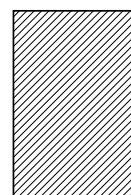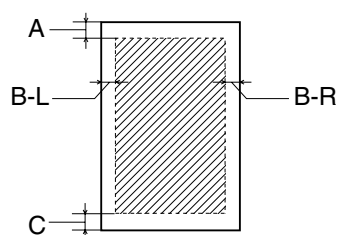
Envelopes
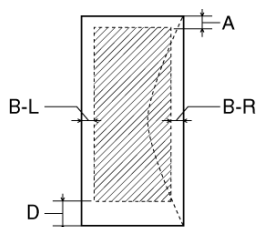
Diagonal lines show printable area.

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") for
        single sheets (including panoramic size) and index
        cards.

D: The minimum bottom margin is 20 mm (0.78") for
        envelopes.

Note:
*Depending on the type of media being used, print quality may decline
in the top and bottom areas of the printout, or these areas may be smeared.*

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Ink Cartridges

Black ink cartridge

Color	Black
Cartridge life	Within 6 months after opening package, at 25°C (77°F)
Temperature	Storage: -20 to 40°C (-4 to 104°F) 1 month at 40°C (104°F) Transit: -30 to 50°C (-22 to 122°F) 10 days at 50°C (122°F) Freezing:* -16°C (3.2°F)
Dimensions	12.7 mm (W) × 73.5 mm (D) × 55.3 mm (H)

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Color ink cartridge

Color	Cyan, magenta, and 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) Transit: -30 to 50°C (-22 to 122°F) 10 days at 50°C (122°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.*

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Mechanical

Paper path	Sheet feeder, rear entry
Sheet feeder capacity	About 120 sheets at 90 g/m² (24 lb) paper
Dimensions	Storage Width: 460 mm (18.1 inches) Depth: 242 mm (9.5 inches) Height: 198 mm (7.8 inches)
	Printing Width: 460 mm (18.1 inches) Depth: 437 mm (17.2 inches) Height: 308 mm (12.1 inches)
Weight	4.2 kg (9.3 lb) without the ink cartridges

Electrical

Input voltage range	90 to 264 V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz
Rated current	0.4 to 0.2 A
Power consumption	Approx. 19 W (ISO10561 Letter Pattern) Approx. 4.5 W in Sleep mode 0.8 W in power-off mode

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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 60°C (-4 to 140°F)
	1 month at 40°C (104°F)
	Transit:* -20 to 60°C (-4 to 140°F)
	120 hours at 60°C (140°F)
Humidity	Operation: 20 to 80% RH
	Storage:*,** 5 to 85% RH

* Stored in a shipping container

** Without condensation

Standards and Approvals

UP model:

Safety	UL 60950 CSA No. 60950
EMC	FCC part 15 subpart B class B CSA C108.8 class B

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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 3548 Class B

System Requirements

Using the printer

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, 95, 2000, or Windows NT® 4.0 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.

Parallel connection:
When connecting to a parallel port, use a shielded, twisted-pair parallel cable.

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Your computer should also meet the following system requirements.

Minimum System Requirements	Recommended System
Pentium 150 MHz processor for Windows Me	Pentium 150 MHz or higher processor for Windows Me
Pentium processor for Windows 98, 95, and NT 4.0	Pentium or higher processor for Windows 98, 95, and NT 4.0
Pentium 233 MHz processor for Windows XP	Pentium 300 MHz or higher for Windows XP
Pentium 133 MHz processor for Windows 2000	Pentium 133 MHz or higher for Windows 2000
32 MB RAM for Windows Me 16 MB RAM for Windows 98, 95, and NT 4.0 64 MB RAM for Windows XP and 2000	64 MB RAM or more for Windows Me, 98, 95, 2000, and NT 4.0 128 MB RAM or more for Windows XP
20 MB hard disk space for Windows Me, 98, and 95 50 MB hard disk space for Windows XP 40 MB hard disk space for Windows 2000 and NT 4.0	50 MB hard disk space or more for Windows Me, 98, and 95 100 MB hard disk space or more for Windows XP, 2000, and NT 4.0
SVGA monitor for Windows XP, Me, 98, 95, 2000, and NT 4.0	SVGA monitor or better for Windows XP, Me, 98, 95, 2000, and NT 4.0

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.

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Your Macintosh must also meet the following system requirements.

Minimum System Requirements	Recommended System
Mac OS 8.6	Mac OS 9.1 or later
15 MB of available memory 18 MB of available memory when background printing is turned on.	53 MB of available memory or more 87 MB of available memory or more when background printing is turned on.

Minimum System Requirements	Recommended System
Mac OS X 10.1.3	Mac OS X 10.1.3 or later
128 MB RAM	256 MB RAM or more

Note:
❏ *For Mac OS 8.6 to 9.x, the amount of available memory varies according to the number and kind of applications that are open. To see how much memory is available, choose* About This Computer *from the Apple menu, and refer to the memory size (listed in kilobytes) under "Largest Unused Block" (1,024K=1 MB).*

❏ *For Mac OS X, to see how much memory is available, choose* About This Mac *from the Apple menu.*

❏ *For Mac OS 8.6 to 9.x, 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.

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Using the Reference Guide and Photo Print Software Setup

Refer to the appropriate section below for the minimum system requirements necessary to use the *Reference Guide* and *Photo Print Software Setup*.

For Windows

System	Microsoft Windows® Millennium Edition, 98, 95, XP, 2000, or Windows NT® 4.0
CPU	Pentium 150 MHz processor for Windows Me Pentium processor for Windows 98, 95, and NT 4.0 Pentium 233 MHz processor for Windows XP Pentium 133 MHz processor for Windows 2000
Memory	32 MB RAM for Windows Me 16 MB RAM for Windows 98, 95, and NT 4.0 64 MB RAM for Windows XP and 2000
Hard disk space	7 MB to install the Reference Guide and Photo Print Software Setup
CD-ROM drive	Double-speed (quad-speed or faster recommended)
Display	640 × 480 pixel or 800 × 600 pixel resolution, with High Color (16 bit) or True Color (32 bit) setting
Browser	Web browser (Microsoft Internet Explorer 4.0 or later recommended)

For Macintosh

System	Mac OS 8.6 to 9.x, Mac OS X 10.1.3 or later

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Memory	18 MB RAM (32 MB RAM or more recommended)
Hard disk space	7 MB to install the Reference Guide and Photo Print Software Setup
CD-ROM drive	Double-speed (quad-speed or faster recommended)
Display	640 × 480 pixel or 800 × 600 pixel resolution, with High Color (16 bit) or True Color (32 bit) setting
Browser	Web browser (Microsoft Internet Explorer 4.0 or later recommended)

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Loading Single Sheets of Paper

Follow the steps below to load paper into the printer.

1. Lower the output tray and slide out the extension. Next, hold down the tab on the left edge guide and slide the guide so that the distance between the edge guides is slightly wider than the width of your paper.

2. Fan a stack of paper, then tap it on a flat surface to even the edges.

3. Load the stack of paper in the sheet feeder with the printable side up and the right edge of the paper resting against the right edge guide. Then, slide the left edge guide against the left edge of the paper. Make sure that the paper stack is loaded under the tabs inside the edge guides.
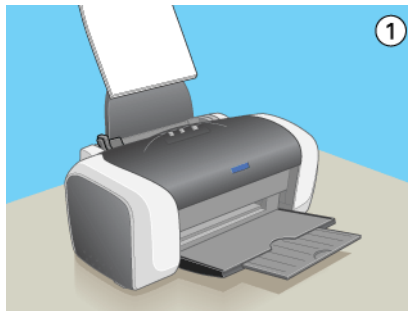
Note:
❏ *Leave enough space in front of the printer for the paper to be fully ejected.*

❏ *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.*

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❏ *Make sure that the paper is loaded under the tabs inside the edge guides.*

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.

When loading special media distributed by EPSON, read the instruction sheets packed with the media first and keep the following points in mind.

c *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.

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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.*
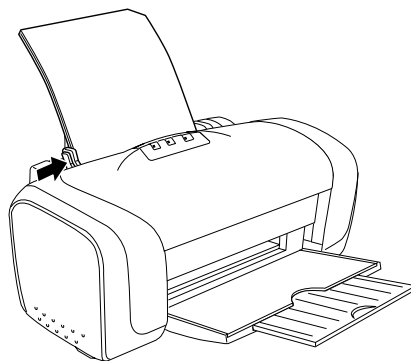
❏ *If the paper is curled, flatten it or curl it slightly in the opposite direction before loading. Printing on curled paper may cause ink to smear on your printout.*
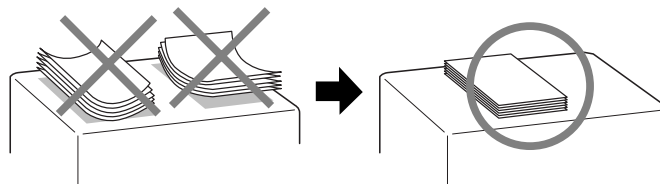
Loading capacities for EPSON special media

Refer to the chart below to find the loading capacities for EPSON special media.

Media type	Loading capacity
Premium Ink Jet Plain Paper	Up to 120 sheets

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Bright White Ink Jet Paper	Up to 120 sheets
Matte Paper-Heavy Weight	Up to 20 sheets
Double Sided Matte Paper	One sheet at a time
Archival Matte Paper	Up to 20 sheets
DURABrite Photo Paper/ DURABrite Ink Glossy Photo Paper	Up to 20 sheets
Photo Paper	Up to 20 sheets
Glossy Photo Paper	Up to 20 sheets
Photo Quality Ink Jet Paper	Up to 80 sheets
Photo Quality Ink Jet Cards	Up to 30 cards
Premium Semigloss Photo Paper	Up to 20 sheets
Ink Jet Transparencies	Up to 20 sheets Always place a sheet of plain paper under the stack of transparencies for support

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 Envelopes

Follow the steps below to load envelopes into the printer.

1. Lower the output tray and slide out the extension.

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2. Hold down the tab on the left edge guide and position the guide so that the distance between the two edge guides is slightly wider than the width of your envelope.

3. Load envelopes short edge first with the flap side to the left, as shown in the illustration.
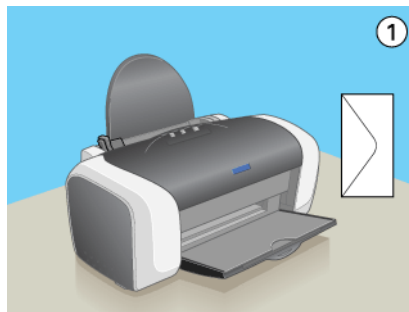
Note:

❏ *The thickness of envelopes and their ability to fold vary widely. If the total thickness of the stack of envelopes exceeds 10 mm, press down on the envelopes to flatten them before loading. If print quality declines when a stack of envelopes is loaded, load one envelope at a time.*

❏ *You can load up to 10 envelopes at a time in the sheet feeder.*

❏ *Do not use envelopes that are curled or folded.*

❏ *Flatten the envelope flaps before loading.*

❏ *Flatten the loading edge of the envelope before loading.*

❏ *Avoid using envelopes that are too thin as they may curl during printing.*

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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.

1. 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, 95, 2000, and NT 4.0, click Start, point
   to Settings, then click Printers.

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

    For Windows Me, 98, and 95, select your printer, then click Properties on the File menu.

    For Windows NT 4.0, select your printer, then click Document Defaults on the File menu.

    The printer software starts.

From the taskbar (For Windows XP, Me, 98, 95, and 2000)

Right-click the printer icon on the taskbar, then select Printer Settings.

Accessing the Printer Software for Mac OS 8.6 to 9.x

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 [icon] Layout icon button in the Print dialog box.
Utility	Click the [icon] 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

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Background Printing	Click the 📄 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.

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.
	For Mac OS X 10.3 or later, open the Applications folder on your hard drive, then open the Utilities folder and double-click the Print Center icon. Select any one of this printer's drivers from the list, then click the Configure button. Select your printer from the Printer List that appears, then click OK.

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 bold). For some media, there are several Media Type settings from which to choose.

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Plain Paper/Bright White Paper

Plain paper	
Envelopes	
EPSON Premium Ink Jet Plain Paper (A4)	S041214
EPSON Bright White Ink Jet Paper (A4)	S041442

Matte Paper - Heavyweight

EPSON Matte Paper-Heavyweight (A4)	S041256 S041258 S041259
EPSON Matte Paper-Heavyweight (Letter)	S041257
EPSON Matte Paper-Heavyweight ($8 \times 10''$)	S041467
EPSON Double Sided Matte Paper (A4)	S041569 S041570
EPSON Double Sided Matte Paper (Letter)	S041568
EPSON Archival Matte Paper (A4)	S041342
EPSON Photo Quality Ink Jet Paper (Letter)	S041062
EPSON Photo Quality Ink Jet Card (A6)	S041054
EPSON Photo Quality Ink Jet Card ($5 \times 8''$)	S041121
EPSON Photo Quality Ink Jet Card ($8 \times 10''$)	S041122

DURABrite Photo Paper

DURABrite Photo Paper (A4)	S041732 S041733
DURABrite Photo Paper (100×150 mm)	S041735 S041736
DURABrite Ink Glossy Photo Paper (Letter)	S041731
DURABrite Ink Glossy Photo Paper ($4 \times 6''$)	S041734

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Photo Papers or Generic Photo Paper

EPSON Photo Paper (A4)	S041140
EPSON Photo Paper (4 × 6")	S041134
EPSON Photo Paper (100 × 150 mm)	S041255
EPSON Glossy Photo Paper (Letter)	S041141
	S041649
	S041271
	S041272
EPSON Glossy Photo Paper (4 × 6")	S041134
	S041671
EPSON Premium Semigloss Photo Paper (A4)	S041332
EPSON Premium Semigloss Photo Paper (Letter)	S041331

Ink Jet Transparencies

EPSON Ink Jet Transparencies (A4)	S041063
EPSON Ink Jet Transparencies (Letter)	S041064

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.

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.

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1. Select User Defined as the Size setting. The User Defined Paper Size dialog appears.
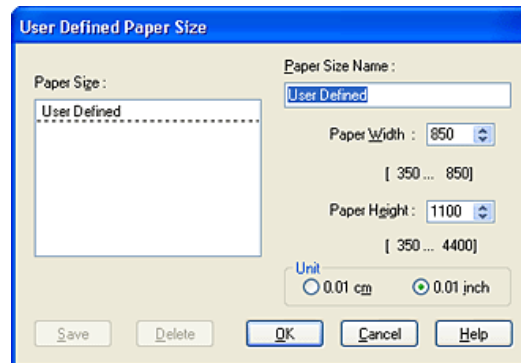
2. Type a name for your paper size in the Paper Size Name box.

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 the each text box.

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5. Click Save, then click OK to return to the Main menu.Your new user-defined paper size name appears as the Size setting.
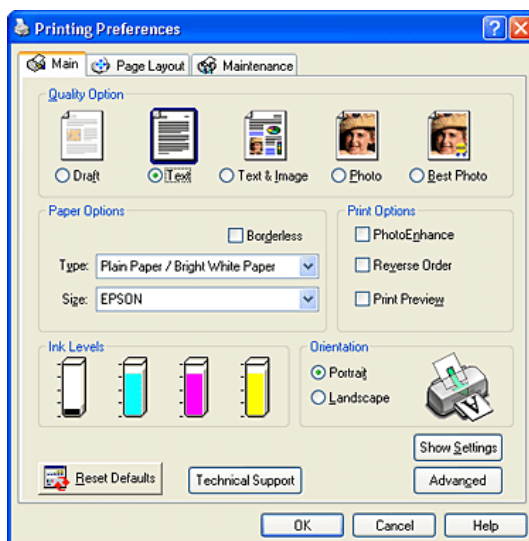
To delete a custom paper size from the list, open the User Defined Paper Size dialog and select the user-defined paper size name you want to delete. Then, click Delete.

Making User Defined Paper Sizes for Mac OS 8.6 to 9.x

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.

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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.
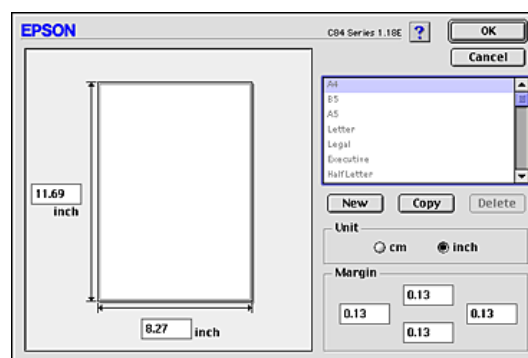
2. To define a new paper size, click New. The dialog box now allows you to enter a name for the new size.
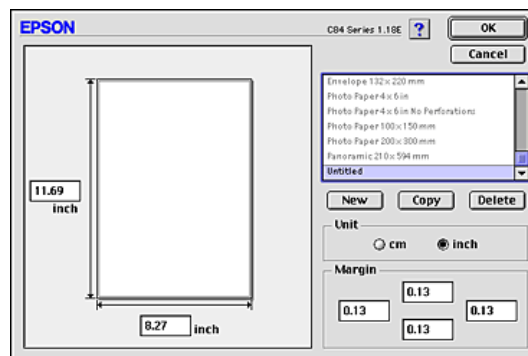
3. Type a unique name for the paper size in the Paper Size list.

4. Choose either cm or inch as the Unit setting.

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5. Enter the width and the height of your paper by typing the values in the appropriate text boxes.

6. Specify the margins by typing in the Margin text boxes or by manipulating the margins in the preview image.

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.

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Glossary

How to Print

Various Printing Options

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Printer Software Settings

For Windows

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Replacing Ink Cartridges

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Problem Solver

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Welcome to the EPSON Reference Guide

This software Reference Guide is your on-screen guide to your
EPSON STYLUS C84 Series printer. By clicking the links on the
left side of this screen, you can get information on the following
topics.

How to Print

Guides you through the basic procedures for different kinds of
everyday printing

Various Printing Options

Guides you through procedures for using various printing
options

Printer Software Settings

Introduces the printer software

Replacing Ink Cartridges

Explains how to replace the ink cartridges

Improving Print Quality

Explains ways of achieving better print quality

Problem Solver

Provides solutions to problems you may encounter while printing

Other Information

Contains detailed information about your printer

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Reference Guide Help

Finding your way around

This Reference Guide employs links to make navigation simpler. When you move the cursor over a link, it changes to a hand icon. You can then click the link to access a related topic or more detailed information.

Links in the body of this guide appear as colored or underlined text. In addition, the following navigational aids are included throughout the guide.

Table of contents	Use the table of contents on the left side of your screen to access all the topics in this guide. Click a main entry to view the topics under it, and click a topic to go to that page.
Home	Click to return to the opening page.
Index	Click to go to the Index.
Search	Click to view the Search window, where you can locate topics by entering key words.
Glossary	Click to go to the Glossary.
Safety	Click to go to the Safety Instructions.
Back	Click to return to the last page viewed.
Top	Click to return to the top of the page you are currently on.
Previous	Click to view the previous topic in the series.
Next	Click to view the next topic in the series.

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Printing a topic

To print the page you are currently on, click Print on the File menu in your browser.

Solving display problems

If the screen displays incorrectly, try clicking the Refresh button (or the Reload button) in your browser.

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1. Home

2. Help

3. Glossary

4. Index

5. Top

6. Previous

7. Next

8. Back

9. Search

10. Enter a keyword and click Search:

11. This searches the index and returns a list of hits. The keyword is not case sensitive.

12. Search Results

13. Click the text in the right column to go to that section, or click the Back button for a new search.

14. Search results for keyword:

15. Reference Guide

16. Error: This function is not available on Macintosh.

17. NPD0101-00

18. Close

19. Safety

This is a special product name for use with the printer driver. Please do not translate.

<EPAS.EID>

EPSON Stylus C84 Series

</EPAS.EID>

Supported guides:
Windows & Macintosh

**Installer
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This appears in the title bar of the main installer screen. This string is limited to 42 characters or less.

Reference Guide Setup

Manual name used in registry. Do not translate.

The string below is limited to a total of 30 characters or less, including spaces.

ESC84 Reference Guide

Product name used in registry.(Conforms to driver.) Do not translate.

EPSON Stylus C84 Series

This appears on the Start menu and in the Install/Uninstall list in Add/Remove Programs in the Windows Control Panel.

The string below is limited to a total of 30 characters or less, including spaces.

ESC84 Reference Guide

Default installation path for Windows (the path below follows Program Files). Do not translate.

EPSON\ESC84\REF_G

Default installation path for Macintosh. Do not translate.

EPSON STYLUS C84 Series:Reference Guide

Path of installation source file. Do not translate.

REF_G

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**Win Installer
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Supported guides:
Windows & Macintosh

This is the first line of the message in the "installation folder" dialog box. This string is limited to 49 characters or less.

Setup will install the Reference Guide.

This is the second line of the message in the "installation folder" dialog box. This string is limited to 49 characters or less.

To install to the following folder, click OK.

This is the label of the group box surrounding the folder path and Browse button in the "installation folder" dialog box. This string is limited to 42 characters or less.

Folder:

"Browse" button text. This string is limited to 9 characters or less.

Browse...

"OK" button text. This string is limited to 9 characters or less.

OK

"Cancel" button text. This string is limited to 9 characters or less.

Cancel

"Yes" button text. This string is limited to 9 characters or less.

Yes

"No" button text. This string is limited to 9 characters or less.

No

Supported guides:
Windows & Macintosh

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This message appears in the "folder selection" dialog box that appears if the user clicks the "Browse" button in the "installation folder" dialog box. This string is limited to 38 characters or less.

Enter or select a destination folder.

This is the first line of the message in the "progress indicator" box that appears during installation. This string is limited to 47 characters or less.

Installing the Reference Guide.

This is the second line of the message in the "progress indicator" box that appears during installation. This string is limited to 47 characters or less.

Please wait.

This appears on the progress indicator while installing (Mac OS Only). This string is limited to 47 characters or less.

Remaining files:

This appears on the progress indicator while installing (Mac OS Only). This string is limited to 47 characters or less.

Installing:

This message is displayed when installation is complete. This string is limited to 41 characters or less.

Reference Guide Setup is complete.

This message appears when confirming that the user wants to create a folder.

The folder does not exist. Do you want to create the folder?

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Windows & Macintosh

This appears in the title bar of the "uninstall" dialog box. This string is limited to 32 characters or less.

Uninstall Reference Guide

This message appears in the "uninstall" dialog box.

Are you sure you want to completely remove the Reference Guide and all of its components?

"OK" button in the "uninstall" dialog box. This string is limited to 9 characters or less.

OK

"Cancel" button in the "uninstall" dialog box. This string is limited to 9 characters or less.

Cancel

This is the first line of the message in the message box that appears while uninstalling. This string is limited to 41 characters or less.

Uninstalling the Reference Guide.

This is the second line of the message in the message box that appears while uninstalling. This string is limited to 41 characters or less.

Please wait.

This message appears when uninstall is complete. This string is limited to 31 characters or less.

Uninstall is complete.

Supported guides:
Windows & Macintosh

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This is the first line of the error message that appears when there is not enough free space on the hard disk.

There is not enough free space on the disk.

This is the second line of the error message that appears when there is not enough free space on the hard disk.

Increase the amount of free space or install to a folder on another disk.

This is the first line of the error message that appears when not able to write to the folder.

Unable to write to the folder.

This is the second line of the error message that appears when not able to write to the folder.

Make sure that you have write access to the folder.

This error message appears when not able to copy files.

Unable to copy files.

This error message appears when invalid characters are used in the folder name.

The folder name is invalid.

This message appears when the user cancels installation.

Setup canceled.

This message appears when other errors occur.

An error has occurred.

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Supported guides:
Windows & Macintosh

This error message appears when a file required for installation does not exist.

Cannot find a file required for installation.

This message appears when uninstall is canceled.

Uninstall canceled.

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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

Observe 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 standards.

❏ Connect all equipment to properly grounded power outlets. 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.

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❏ 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 cabinet 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.

Note for German-speaking users:
Bei Anschluss des Druckers an die Stromversorgung muss sichergestellt werden, dass die Gebäudeinstallation mit einer 10 A-oder 16 A-Sicherung abgesichert ist.

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 10 cm between the back of the printer and the wall. The printer will not operate properly if it is tilted at an angle.

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❏ 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, shock, or vibration.

❏ 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.

Note for French-speaking users:
Placez l'imprimante près d'une prise de contacte où la fiche peut être débranchée facilement.

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 put your hand inside the printer or touch the ink cartridges during printing.

❏ Do not move the print head by hand; otherwise, you may damage the printer.

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❏ Always turn the printer off using the ⏻ power button. Do not unplug the printer or turn off the power to the outlet until the ⏻ power light goes out.

❏ 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

Observe 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.

❏ Shake the new ink cartridge four or five times before opening the packages.

❏ Do not shake the ink cartridge after opening the package; this can cause leakage.

❏ Be careful when you handle used ink cartridges, as there may be some ink remaining around the ink supply port. If ink gets onto 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.

❏ 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.

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❏ 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 back 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 reinstalled 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.

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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, and scanners in an effort to reduce air pollution caused by power generation.

Information for United Kingdom Users

Use of options

EPSON (UK) Limited shall not be liable against any damages or problems arising from the use of any options or consumable products other than those designated as Original EPSON Products or EPSON Approved Products by EPSON (UK) Limited.

Safety information

Warning:
Refer to the rating plate for the voltage and check that the appliance voltage corresponds to the supply voltage.

Important: The wires in the mains lead fitted to this appliance are coloured in accordance with the following code:

Blue — Neutral
Brown — Live

If you have to fit a plug:
As the colours of the mains lead of this appliance may not match the coloured markings used to identify the terminals in a plug, please observe the following:

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❏ The blue wire must be connected to the terminal in the plug marked with the letter N.

❏ The brown wire must be connected to the terminal in the plug marked with the letter L.

❏ If the plug is damaged, replace the cord set or consult a qualified electrician.

❏ Replace fuses only with fuses of the correct size and rating.

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.

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<As_test.htm>Test Printing

Make a test print of this page to compare the printout of the two images below with the images on the previous page. Before printing, make sure paper is loaded and the printer is on.
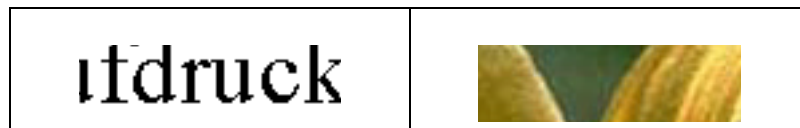
Follow the steps below to print a test page:

1. Click Print on the File menu of the browser you are currently using.

2. Make sure that your printer is selected as the default printer, and click OK or Print.

3. Make sure the test print illustration on the printout prints properly.

4. Click Back to go back to the previous page.

</As_test.htm>