

EPSON Stylus® Color

880/880i/8³

Printer Basics



Printed on recycled paper

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Contents

WELCOME! 1

About Your Documentation	1
Warnings, Cautions, Notes, and Tips	1
Viewing Your Electronic Printer Manual	2
Watching Printer Movies	4

PRINTING FROM START TO FINISH 5

Printing with Windows	5
Loading Paper	5
Opening the Printer Software	6
Selecting Printer Software Settings	7
Controlling Printing	8
Printing on a Macintosh	9
Loading Paper	9
Opening the Printer Software	10
Selecting Printer Software Settings	11
Controlling Printing	12
Using Advanced Settings	13
Enhancing Photos	13
Using Custom Project Types	14
Using Advanced Custom Settings	15
Printing on Envelopes	16
Double-Sided Printing	17
Using Special Papers	18
EPSON Matte Paper - Heavyweight	19
EPSON Photo Paper	19
Choosing the Correct Media Type Setting	20

MAINTAINING YOUR PRINTER 21

Cleaning the Print Head	21
Examining the Nozzle Check Pattern	22

Replacing an Ink Cartridge	23
Ink Cartridge Precautions	23
Removing and Installing Ink Cartridges	24
Replacing an Outdated Ink Cartridge	26
Aligning the Print Head	28
Cleaning the Printer	29
Transporting the Printer	30
PROBLEM SOLVING	31
Identifying Printer Parts	31
Diagnosing Printer Problems	32
Checking the Control Panel Lights	32
Running a Printer Check	33
Problems and Solutions	34
Problems Setting Up the Printer or Installing Software	34
Problems with Printing	35
Problems Getting Good Print Quality	36
Problems with Paper Feeding	38
Solving Miscellaneous Printout Problems	39
Uninstalling Printer Software	40
Where To Get Help	41
EPSON Technical Support	41
Creative Software Technical Support	42
REQUIREMENTS AND NOTICES	43
Windows System Requirements	43
Macintosh System Requirements	44
ENERGY STAR Compliance	44
Important Safety Instructions	44
Ink Cartridge Safety Instructions	45
FCC Compliance Statement	46
Declaration of Conformity	47
Warranty	48
INDEX	49

EPSON Ink Jet Papers and Ink Cartridges

Use EPSON paper and inks to get the same photo quality results that have earned EPSON's printers all of their awards! EPSON papers are specially coated to work with EPSON's quick drying inks. You'll notice that when prints come out of your printer, you can immediately handle them. There is no drying time, no smearing or smudging, and your image is crisp and smooth. Here are the inks for your printer and just a few of EPSON's papers:

Photo Paper and Panoramic Photo Paper

Photo lab quality, heavier weight glossy paper available in a variety of sizes. Perfect for color photo keepsakes of snapshots, framed art, banners, and panoramics.



Matte Paper - Heavyweight



Heavyweight, bright white, ultra smooth coated paper with matte finish. Perfect for photographs, signs, and crafts.

Photo Quality Ink Jet Paper

Bright white, with a smooth matte finish to create your best impression. Perfect for presentations, newsletters, color reproductions, and all your photo and craft projects.



EPSON Ink Cartridges



For best results, always use genuine EPSON ink cartridges.

Black T019201 (U.S.), or T019311 (Canada)
Color T020201 (U.S.), or T020311 (Canada)



For more information on other EPSON products and fun project ideas, look for the EPSON Print LabSM Series at www.epson.com.

See the inside back cover for a list of EPSON papers and ink cartridges, and ordering information.

Welcome!

Your EPSON Stylus® Color 880, 880i, or 8³ printer is the ideal output device for small office or home printing. With resolutions of up to 2880 by 720 dpi, you can print anything from reports and resumes to photos and newsletters with great results.



The EPSON Stylus Color 880i and EPSON Stylus Color 8³ printers are functionally identical to the EPSON Stylus Color 880 printer. Therefore, this guide refers to the printer as the EPSON Stylus Color 880.

About Your Documentation

To set up your printer and install its software, see the *Start Here* poster. This book contains system requirements, important safety information, and instructions on:

- printing with Windows® or on a Macintosh®
- maintaining the printer
- solving basic problems
- viewing your electronic printer manual and printer movies

To learn detailed information about using your printer and printer software, see your electronic *Reference Guide*. Instructions on viewing your *Reference Guide* are on page 2.

Warnings, Cautions, Notes, and Tips

Please follow these guidelines:



Warnings must be followed carefully to avoid bodily injury.



Cautions must be observed to avoid damage to your equipment.



Notes contain important information about your printer.



Tips contain additional hints for better printing.

Viewing Your Electronic Printer Manual

Your printer software CD-ROM includes an electronic *Reference Guide* for your printer. The manual is in HTML format, so you need a browser—such as Microsoft® Internet Explorer 3.0 or later or Netscape Navigator® 3.0 or later—to view it. If you are using a different browser, the pages may not display correctly.



A browser is not included on the printer software CD-ROM.

You can view your electronic *Reference Guide* from the CD-ROM or copy it to your hard drive and view it from there. Follow these steps:

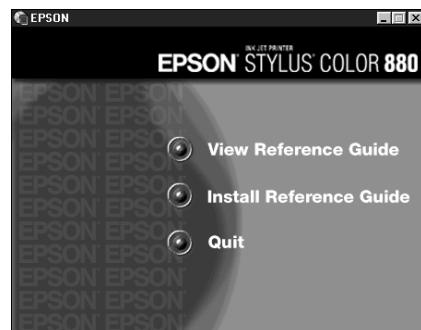
1. Insert your printer software CD-ROM.
2. **Windows:** Double-click My Computer, double-click your CD-ROM drive icon, then double-click the EPSON icon.

Macintosh: Double-click the EPSON CD-ROM icon, then double-click the EPSON icon.

The Main Menu appears:



3. Click View Electronic Documentation.
The main screen for your printer appears:
4. You can either view the manual from the CD-ROM (View Reference Guide) or copy the manual to your hard drive (Install Reference Guide) and view it from there. For details on viewing the manual, see the next section.



If you copied the manual to your hard drive, you can access it at any time, as follows:

Windows: Select Start, Programs, EPSON, and double-click ESC880 Guide.

Macintosh: Open the EPSON Stylus Color 880 folder and double-click View Reference Guide.

When you first open the *Reference Guide*, you see this screen:

Click here to expand the table of contents

EPSON STYLUS COLOR 880
Reference Guide

Welcome to the EPSON Reference Guide

This software Reference Guide is your on-screen guide to your EPSON STYLUS COLOR 880 printer. By clicking the links on the left side of this screen, you can get information on the following topics.

Printing with Windows
How to print using the printer software for Windows

Printing with Macintosh
How to print using the printer software for Macintosh

How To
Simple step-by-step instructions for many common tasks

Problem Solver
Solutions to problems you may be encountering

Product Information
Background information about your printer

Click a topic on the left to expand the table of contents.

After expanding the table of contents, you can click on the topic you want to view.

If there's a right arrow ▶, click it to view subtopics, then click on a topic to go to it.

Click the down arrow ▾ to close a subtopic list.

Closed list, click to expand

Click to go to topic

EPSON STYLUS COLOR 880
Reference Guide

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Printing with Windows
How to print using the printer software for Windows

Printing with Macintosh
How to print using the printer software for Macintosh

How To

- ▶ **Paper Handling**
- ▶ **Double-Sided Printing**
- ▶ **Setting Up Your Printer on a Network**
- ▶ **Replacing Ink Cartridges**
- ▶ **Maintenance**
 - ▶ **Checking the Print Head Nozzles**
 - ▶ **Cleaning the Print Head**
 - ▶ **Aligning the Print Head**
 - ▶ **Cleaning the Printer**
 - ▶ **Transporting the Printer**
 - ▶ **Updating Software**
- ▶ **Troubleshooting**



If you see an icon in place of a graphic when viewing your *Reference Guide* in Netscape Navigator, click the Reload button to load the graphic.

Watching Printer Movies

Need help loading envelopes, replacing ink cartridges, or printing on both sides of the paper? Your printer software CD-ROM includes helpful Fix-it FlixSM movies that explain these and other common tasks.

Follow these steps to watch your printer movies:

1. Insert your printer software CD-ROM.
2. **Windows:** Double-click  My Computer, double-click your  CD-ROM drive icon, then double-click the  EPSON icon.

Macintosh: Double-click the EPSON CD-ROM icon, then double-click the  EPSON icon.

The Main Menu appears:



3. Click View EPSON Documentation, then click Watch Printer Movies. The main Fix-it Flix screen appears:



4. Click the poster for the movie you want to see. If necessary, select an option on the next screen. The movie starts playing.

Printing from Start to Finish

Here's what to do to print a basic document—such as a newsletter or photograph—from loading the paper to selecting print settings to controlling the print job. Follow the instructions here for:

- printing with Windows (below)
- printing on a Macintosh (on page 9)

If you're already familiar with ink jet printing, you can skip ahead to these topics:

- using advanced settings (on page 13)
- printing on envelopes (on page 16)
- double-sided printing (on page 17)
- using special papers (on page 18)
- selecting the correct media type (on page 20)

Printing with Windows

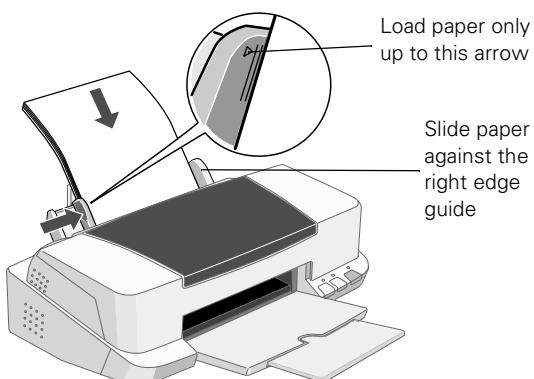
This section describes the basic steps for printing with Windows.

(To print on a Macintosh, see page 9.)

Loading Paper

Make sure your printer and computer are turned on.

Place your paper against the right edge guide and slide the left edge guide against the paper.



Follow these guidelines when loading paper:

- Load the printable side face up. It's usually whiter or brighter than the other side.
- Load letterhead or preprinted paper into the printer top edge first.
- Don't load paper above the arrow on the left edge guide.

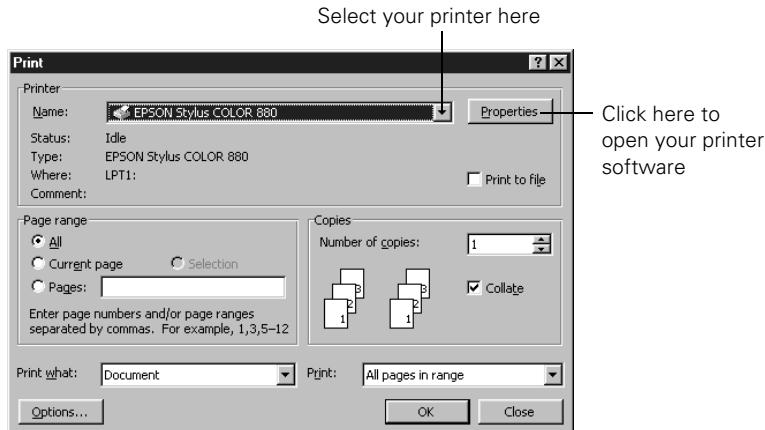


If you're printing on envelopes, see page 16 for loading instructions.

Opening the Printer Software

After you open your application program and create your document, you're ready to select your printer software settings.

From the File menu, click Print. You see your application's Print dialog box (your dialog box may look slightly different):



Make the following selections on the Print dialog box:

- Make sure your EPSON Stylus COLOR 880 is selected.
- If the Print dialog box contains a Properties button, click it. (If you see a Setup, Printer, or Options button, click it. Then click Properties on the next screen.)

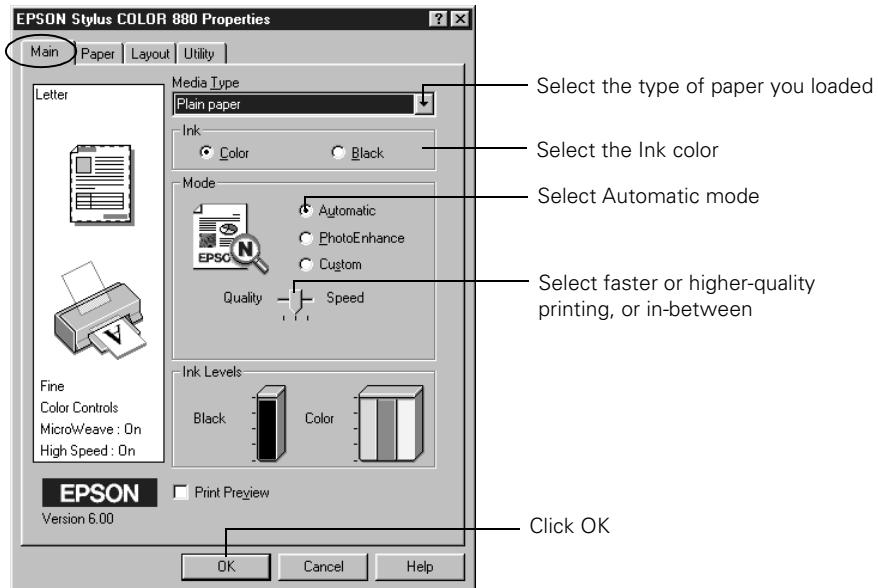


If you click the print icon on your application's tool bar instead of selecting Print from the File menu, you may not get the option to change the printer software settings before printing.

Selecting Printer Software Settings

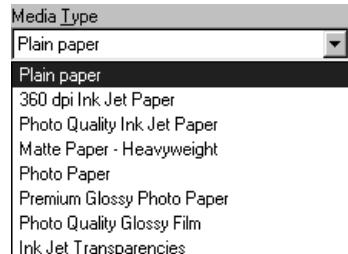
Once you click Properties, you see your printer software Properties dialog box.

The most important thing to remember is to set the correct Media Type for the paper you're using. The Media Type setting affects the other options you can choose. If necessary, click the Main tab to display the settings shown below:



Make the following settings on the Properties dialog box:

- Choose the Media Type you're printing on (click the arrow button to display the list). If you're not sure which setting to select, see page 20.
- Set the Ink option to Color to print a color document. To print a black text document, click Black.
- Set the Mode option to Automatic. This lets the printer software determine the best settings for your print job. It's the easiest way to get good printing results on all types of paper.
- Set the slider in the Mode box to Quality or Speed. This lets you choose between a higher resolution or faster printing (or an in-between setting) for the paper you're using. (The slider is not available when certain media types are selected.)
- When you've selected your settings, click OK to return to your application's Print dialog box.



TIP

For more information about printer settings, click the Help button. Or you can right-click any item on the screen and then click What's This?.

Selecting the Settings You Use Most Often

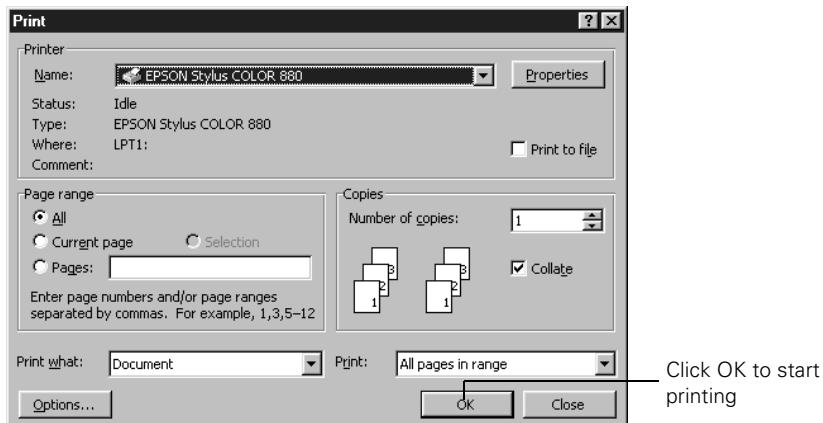
The printer settings you make apply only to the application you're currently using. If you usually print one type of document in different applications—for example, double-sided, letter-sized documents with black ink—you can change the default printer settings for all your programs. You do this using the Windows Printer utility.

1. Click Start, point to Settings, and then select Printers.
2. Right-click the EPSON Stylus COLOR 880 icon.
3. Select Properties in Windows 98 or Windows 95, Document Defaults in Windows NT, or Printing Preferences in Windows 2000. Then click the Main tab.
4. Select the default settings you want to use for all your applications. Click OK when you're finished.

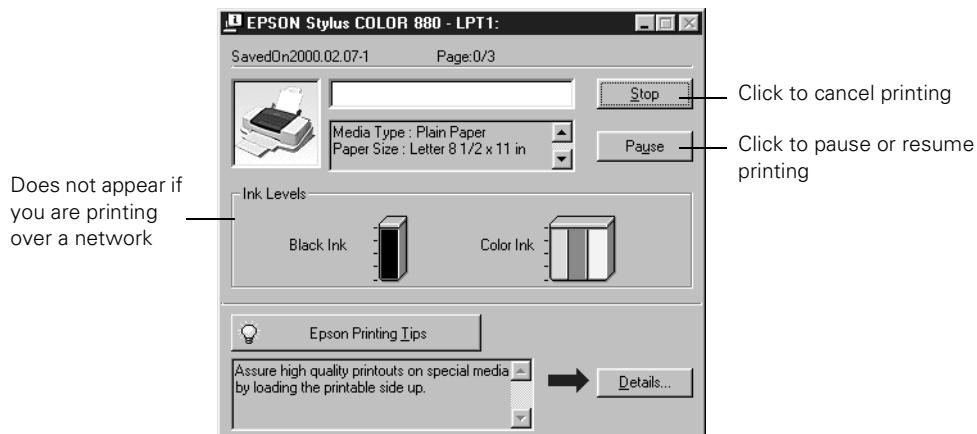
Remember that you can always change the settings in your application when you want to print different types of documents.

Controlling Printing

At the Print dialog box, click OK (or Print, depending on your application) to start printing.



After a moment, the Progress Meter appears and shows the progress of your print job. You can use the buttons to cancel, pause, or restart printing. You can also see how much ink you have left.



For advanced settings and more information on printing—for example, previewing your printout, changing the paper size, or adding a watermark—see your electronic *Reference Guide* (described on page 2).

Printing on a Macintosh

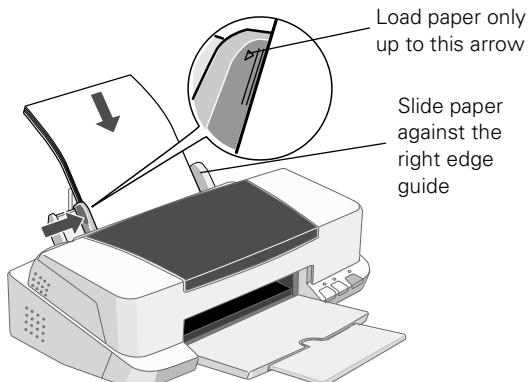
This section describes the basic steps for printing on a Macintosh.

(To print with Windows, see page 5.)

Loading Paper

Make sure your printer and computer are turned on.

Place your paper against the right edge guide and slide the left edge guide against the paper.



Follow these guidelines when loading paper:

- Load the printable side face up. It's usually whiter or brighter than the other side.
- Load letterhead or preprinted paper into the printer top edge first.
- Don't load paper above the arrow on the left edge guide.



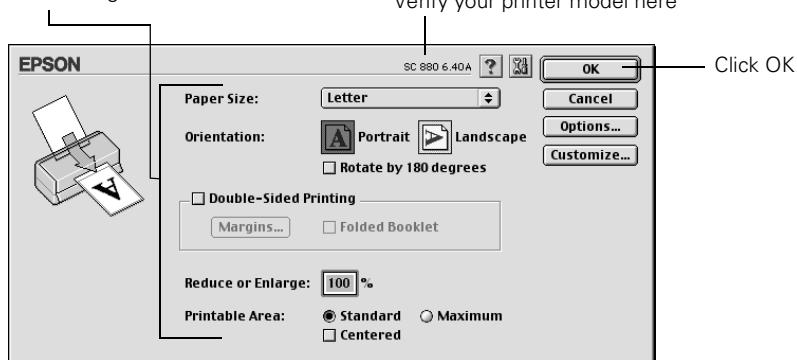
If you're printing on envelopes, see page 16 for loading instructions.

Opening the Printer Software

After you open your application program and create your document, you're ready to select your page setup and other printer software settings.

From the File menu, click Page Setup. You see your application's page setup dialog box (your dialog box may look slightly different):

Select your Paper Size, Orientation,
and Printable Area settings

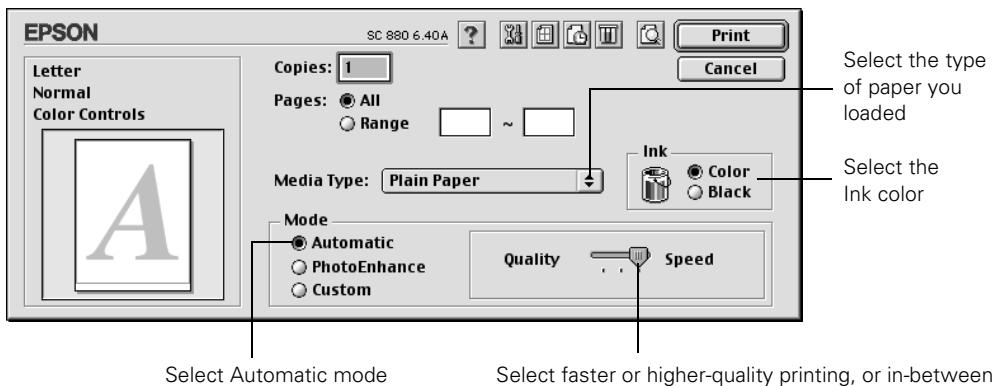


Make the following selections on the page setup dialog box:

- Make sure your EPSON Stylus Color 880 printer model (SC 880) is selected. (If the model is incorrect, you need to select your printer in the Chooser; see the *Start Here* poster for instructions.)
- Select the correct Paper Size, Orientation, and Printable Area settings for your document. See your electronic *Reference Guide* for details.
- Click OK to close the page setup dialog box and return to your application window.

Selecting Printer Software Settings

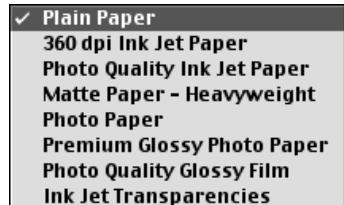
Now open the File menu and click Print. You see the main printer settings dialog box for your application (your dialog box may look slightly different):



The most important thing to remember is to set the correct Media Type for the paper you're using. The Media Type setting affects the other options you can choose.

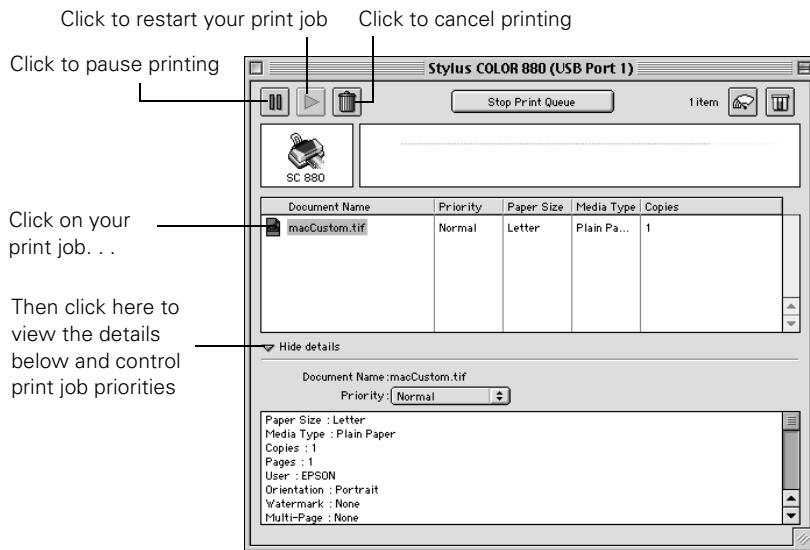
Make the following settings on the dialog box:

- Choose the Media Type you're printing on (click the arrow button to scroll through the list). If you're not sure which setting to select, see page 20.
- Set the Ink option to Color to print a color document. To print a black text document, click Black.
- Set the Mode option to Automatic. This lets the printer software determine the best settings for your print job. It's the easiest way to get good printing results on all types of paper.
- Set the slider in the Mode box to Quality or Speed. This lets you choose between a higher resolution or faster printing (or an in-between setting) for the paper you're using. (The slider is not available when certain media types are selected.)
- When you've selected your settings, click Print to print your document.



Controlling Printing

Once you've clicked Print, your printer begins printing. If you turned on background printing, you can select EPSON Monitor3 from the Application menu at the right side of the menu bar to check the progress of your print job. You see the EPSON Monitor3 dialog box:



If you're not using background printing, but you need to cancel the current print job, hold down the **⌘** key and press the **.** (period) key.

For custom project type settings, see pages 13 through 16. For more information on printing—for example, using advanced settings, previewing your printout, changing the paper size, or adding a watermark—see your electronic *Reference Guide* (described on page 2).

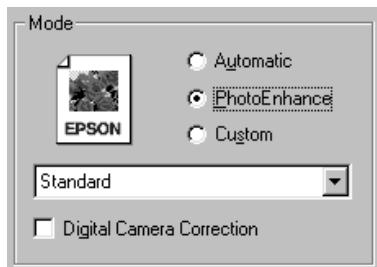
Using Advanced Settings

Your printer software includes advanced settings that let you have more control over your printouts. See the following sections:

- “Enhancing Photos” below
- “Using Custom Project Types” on page 14
- “Using Advanced Custom Settings” on page 15

Enhancing Photos

Your printer software includes PhotoEnhance™ options that adjust brightness and contrast to improve the appearance of low-resolution and improperly exposed photos. PhotoEnhance also lets you add special effects. To use PhotoEnhance, set the Mode option to PhotoEnhance in your printer settings dialog box.



If your photograph was taken with a digital camera, you can select Digital Camera Correction to improve your printed images. You can also select from a list of specialized settings for photographs, such as People and Nature, or add special effects, such as Soft Focus or Sepia tint.



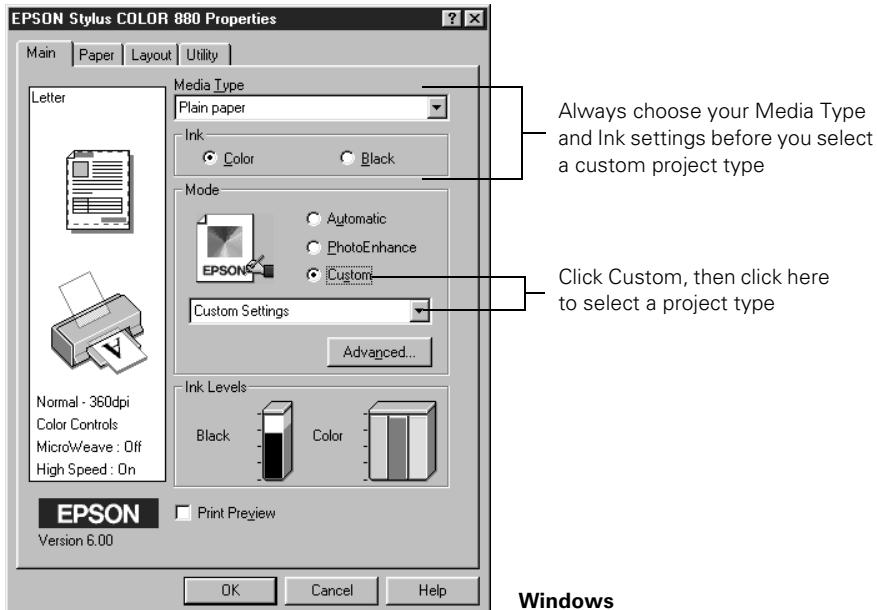
PhotoEnhance does not affect your original image; it only affects your printout.

PhotoEnhance works only with Color ink; you cannot turn on PhotoEnhance with Black ink selected.

Printing with PhotoEnhance may take longer on some systems.

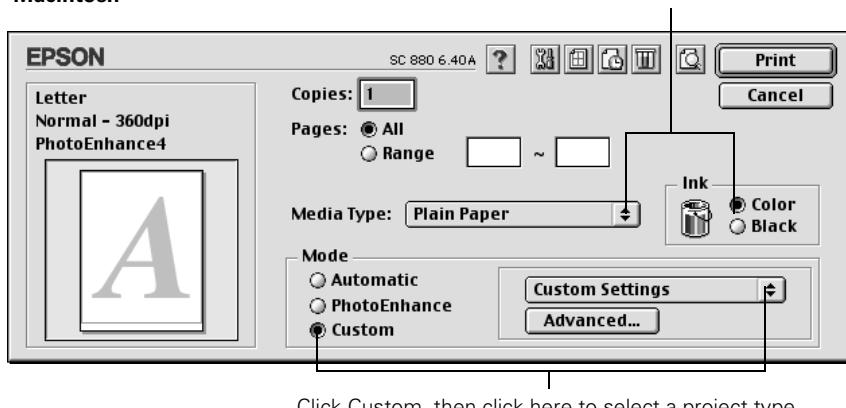
Using Custom Project Types

Your EPSON Stylus Color 880 printer software includes custom project types with preset options for printing specific types of documents—such as reports, graphs, or drafts. These options let you quickly select the best settings for your particular type of document and paper, or select a color-matching method for your project. See the list of options on the next page.



Always choose your Media Type and Ink settings
before you select a custom project type

Macintosh



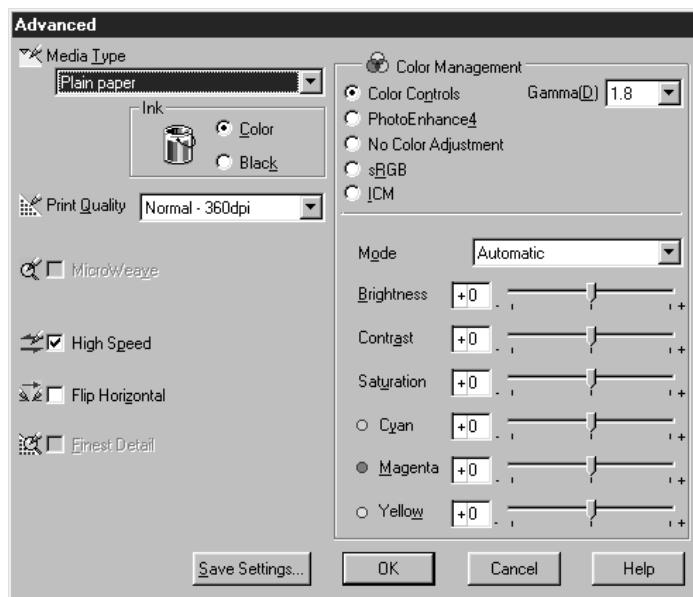
You can select from these project types:

- Text/Graph: For printing graphics-intensive documents like presentations with charts and graphs.
- Economy: For printing rough drafts of text on plain paper. Saves ink.
- ICM (Image Color Matching; Windows 95, Windows 98, and Windows 2000 only): For printing documents created in an ICM compatible application.
- sRGB (standard Red Green Blue; recommended only with Windows 98 or Windows 2000): For printing documents created in an sRGB compatible application using sRGB colors, such as those designed for the World Wide Web. See your Windows 98 online help for details.
- ColorSync (Macintosh only): For printing documents in conjunction with ColorSync compatible devices and applications.

Using Advanced Custom Settings

For maximum control over your project, you can customize your print settings—such as Print Quality, Halftoning, and Gamma—and use special effects.

To access these settings in your printer software, click Custom and then click the Advanced button.



After you customize your print settings, you can save them as a group so you can reuse them whenever you print a similar project.



The default Gamma setting of 1.8 provides the optimum contrast quality for your photos. However, you can change it to either 1.5 (for decreased contrast) or 2.2 (for increased contrast; recommended for matching colors with sRGB devices).

For more details on the printer settings, see your electronic *Reference Guide*, as described on page 2.

Printing on Envelopes

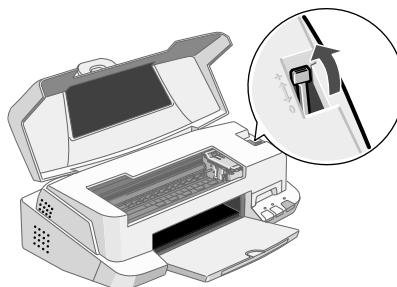
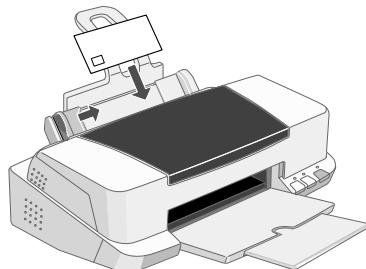
You can load up to 10 envelopes at a time, flap edge first and printable side up. Place them against the right edge guide and slide the left edge guide against them.

(You'll get better results if you press each envelope flat before loading it, or load one envelope at a time.)

Set the thickness lever to the **+** position when you print on envelopes or other thick media. (Return the lever to the **0** position before you print on regular paper.)

Select Plain paper as the Media Type setting and choose the correct envelope size as the Paper Size setting.

If the printing smears or you have banding (light lines), try turning off High Speed printing in the Advanced dialog box. (See your electronic *Reference Guide* for instructions on accessing the dialog box.)



Lever position for envelopes and thick paper

Double-Sided Printing

You can print on both sides of each page with the double-sided printing option in your EPSON® printer software. This section includes instructions for standard double-sided printing. You can also create single-fold booklets with Folded Booklet double-sided printing. See your electronic *Reference Guide* for instructions.



Use only media types that support double-sided printing. Depending on the type of paper and the amount of ink used in your document, ink may bleed through to the other side of the paper. Double-sided printing is not available when the printer is shared over a network.

You can print up to 60 pages per document, on 30 sheets of paper. If you're printing a longer document, you'll need to print it in sections. For example, if you were printing a 175-page document, you'd print it in three sections of 60 pages (30 sheets), 60 pages (30 sheets), and 55 pages (28 sheets). The page ranges you'd select in your software application's print dialog box are: 1-60, 61-120, and 121-175.

If your long document has an odd number of pages, make sure you print even numbers of pages for the first sections and print an odd number for the last section. That way, if you have a blank page, it will appear at the end of your document.

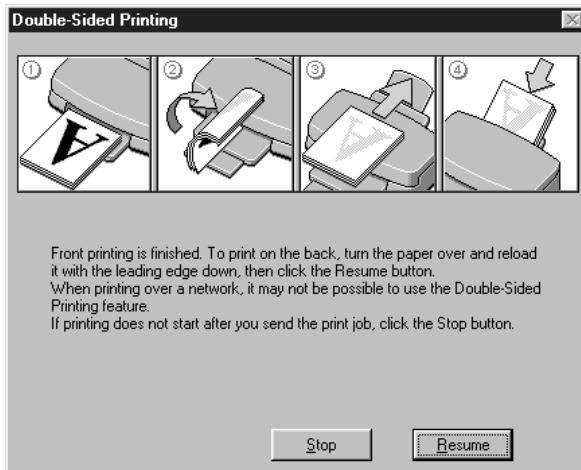
Follow these steps:

1. Load plain paper or another double-sided media in your printer.
2. Open your printer software as described on page 6 for Windows and page 10 for Macintosh.
3. **Windows:** Choose Double-Sided Printing on the EPSON Stylus COLOR 880 Properties Layout tab.

Macintosh: Choose Double-Sided Printing in the Page Setup dialog box.

4. Start printing. The printer prints all the odd-numbered pages first, starting with page 1.

When the first side of all the pages has printed, you see a window on your screen telling you to reload the paper.



5. Reload the entire stack of paper, without changing the order of the pages, and insert it in the printer with the printed side down, with the top edge first, as shown.
6. Click Resume.

The printer prints the even-numbered pages.



For an animated demonstration of double-sided printing, watch the printer movies on this topic, as described on page 4.

Using Special Papers

How can you get the best-looking photos, most vivid colors, and sharpest text? Always use EPSON's special ink jet papers. To show you how much difference EPSON paper can make, we've included some free samples in the **EPSON Photo Quality Media Pack**. Instructions for printing on the samples are given in the following sections.

For a list of EPSON special ink jet papers and ordering information, see the inside back cover.

EPSON Matte Paper - Heavyweight

EPSON Matte Paper - Heavyweight has a professional-looking, flat matte finish for printing photos and graphics on a non-glossy surface. Load up to 20 sheets as described on page 5, including a support sheet beneath the stack. Before printing, select Matte Paper - Heavyweight as the Media Type.

EPSON Photo Paper

You can use EPSON Photo Paper to print photographs that look almost as good as the ones you get from film processing. Photo Paper is available in a variety of sizes.

Keep the following in mind when using EPSON Photo Paper:

- Always load the paper with the whiter (glossier) side facing up.
- Load up to 20 sheets of 4 × 6-inch, letter-size, or A4-size Photo Paper, or 1 sheet of Panoramic paper. Use a support sheet if it is included in the paper package.
- Select Photo Paper as the Media Type setting.
- To keep your printouts looking their best, store them in a resealable plastic bag or other airtight covering and protect them from heat, humidity, and direct sunlight. Return unused paper to the original package as soon as you finish printing.

Preserving Photos on EPSON Photo Paper

EPSON Photo Paper has been specially formulated to work with EPSON's ink to create prints that last as long as traditional photographs when protected from light in photo albums or similar archival conditions.

When you display your EPSON Photo Paper prints in picture frames or mounted on the wall, the paper provides extra UV (ultraviolet) light protection so your prints will last longer than prints on other ink jet photo papers. Depending on the type and intensity of the light your print is exposed to, a print on EPSON Photo Paper may last two or more years before noticeable fading occurs. Fade resistance could decrease in intense light conditions or increase if your print is protected by glass or special laminates.

Choosing the Correct Media Type Setting

Before printing, always check the Media Type setting in your printer software. See the table below for the setting you should use.

The printer uses the Media Type setting to adjust the ink coverage for the type of paper you are using.

The Media Type setting for your paper may not be the same as the name of your paper. To be sure you are using the correct setting, see the table below or the instructions that came with your paper.

<input checked="" type="checkbox"/> Plain Paper
360 dpi Ink Jet Paper
Photo Quality Ink Jet Paper
Matte Paper - Heavyweight
Photo Paper
Premium Glossy Photo Paper
Photo Quality Glossy Film
Ink Jet Transparencies

For this paper . . .	Select this Media Type setting . . .
Plain paper sheets or envelopes	Plain paper
EPSON 360 dpi Ink Jet Paper EPSON Iron-On Cool Peel Transfer Paper	360 dpi Ink Jet Paper
EPSON High Quality Ink Jet Paper EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Photo Quality Self Adhesive Sheets	Photo Quality Ink Jet Paper
EPSON Photo Paper EPSON Photo Quality Glossy Paper EPSON Glossy Photo Greeting Cards	Photo Paper
EPSON Premium Glossy Photo Paper	Premium Glossy Photo Paper
EPSON Photo Quality Glossy Film EPSON Photo Stickers®	Photo Quality Glossy Film
EPSON Ink Jet Transparencies	Ink Jet Transparencies
EPSON Matte Paper - Heavyweight	Matte Paper - Heavyweight



If any paper you buy comes with a cleaning sheet, don't use the cleaning sheet with this printer; it may jam inside the printer.



The availability of paper types varies by location.

Maintaining Your Printer

This section describes maintenance procedures to keep your printer working at its best and preparation steps for moving your printer. Follow the instructions here for:

- cleaning the print head (below)
- replacing an ink cartridge (on page 23)
- aligning the print head (on page 28)
- cleaning the printer (on page 29)
- transporting the printer (on page 30)

For more details, watch your Fix-it Flix movies, as described on page 4, and read your electronic *Reference Guide*, as described on page 2.

Cleaning the Print Head

If your printed image is unexpectedly light or faint, or dots are missing from the image, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly.

Cleaning the print head uses ink, so clean it only if print quality declines. You can clean the print head using the Head Cleaning utility (when the printer is connected to a local port, not over a network), as described below. You can also clean the print head using the printer's control panel buttons, as shown in your Fix-it Flix movies and described in your *Reference Guide*.



When you don't turn on your printer for a long time, the print quality can decline. It's a good idea to turn on your printer at least once a month to maintain good print quality.

If any paper you buy comes with a cleaning sheet, don't use the cleaning sheet with your printer; it may jam inside the printer.

Follow these steps to run the Head Cleaning utility:

1. Make sure the printer is turned on but not printing, and both the black and color ink out lights are off. (If an ink out light is flashing, replace the ink cartridge instead.)

2. If you have an application running, access the printer settings dialog box as described on page 6 (Windows) or page 10 (Macintosh).

Or, with Windows, click Start, point to Settings, then select Printers. Right-click your EPSON Stylus COLOR 880 printer icon in the Printers window. Then select Properties in Windows 98 or Windows 95, Document Defaults in Windows NT, or Printing Preferences in Windows 2000.

3. **Windows:** Click the Utility tab.

Macintosh: Click the  Utility button.

4. On the Utility menu, click the Head Cleaning 

5. Follow the instructions on the screen to clean the print head. Cleaning takes about 30 seconds, during which the printer makes some noise and the  power light flashes.



Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

6. When the  power light stops flashing, run a nozzle check to confirm the print head nozzles are clean and reset the cleaning cycle.

Make sure paper is loaded in the printer and click Print nozzle check pattern. Then click Next. The nozzle check pattern prints (see below for details).

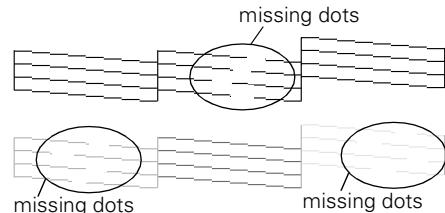
7. If the nozzle check pattern has no gaps in its dots, click Finish.

If the pattern is missing dots, click Clean to clean the print head again. If you don't see any improvement after cleaning three or four times, check the solutions in "Problems Getting Good Print Quality" on page 36. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

Examining the Nozzle Check Pattern

Examine the nozzle check pattern you print. Each staggered horizontal and straight vertical line should be complete, with no gaps in the dot pattern. If your printout looks okay, you're done.

If any dots are missing, as shown, clean the print head again; see page 21 for instructions.



Replacing an Ink Cartridge

When the  black or  color ink out light flashes, the indicated cartridge is low on ink. This is a good time to make sure you have a new cartridge. When the light stays on, the cartridge is empty and you need to replace it.



You cannot print if either ink cartridge is empty. Leave the empty cartridge installed in the printer until you have obtained a replacement. Otherwise the ink remaining in the print head nozzles may dry out.

Use these EPSON ink cartridges within six months of installing them and before the expiration date on the package:

- Black ink cartridge: T019201 (U.S.), T019311 (Canada)
- Color ink cartridge: T020201 (U.S.), T020311 (Canada)



To ensure good results, use genuine EPSON ink cartridges and do not refill them. Other products may cause damage to your printer not covered by EPSON's warranty.

When you need new ink cartridges, contact your dealer or call EPSON at (800) 873-7766 or visit the EPSON Store™ at www.epson.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

Before you replace a cartridge, be sure to read the precautions below.

If you need to replace an ink cartridge before the lights flash (because the ink is too old, for example) follow the instructions in “Replacing an Outdated Ink Cartridge” on page 26.

Ink Cartridge Precautions



Keep ink cartridges out of the reach of children and do not drink the ink.

If ink gets on your hands, wash them thoroughly with soap and water.



To avoid damaging the printer, never move the print head by hand.

Don't open the clamp or remove a cartridge except to replace it with a new one. Once you remove a cartridge, you can't reuse it, even if it contains ink.

You must remove the yellow tape from the top of the cartridge or you will permanently damage it. Don't try to remove the clear seal underneath the cartridge.

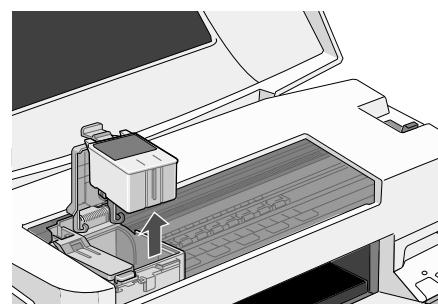
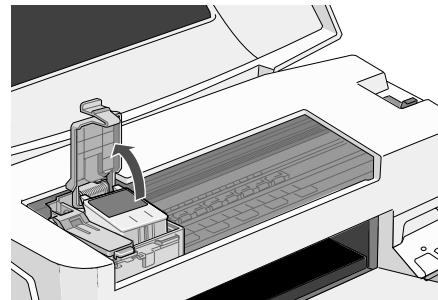
Removing and Installing Ink Cartridges

You can replace a cartridge when the  black or  color ink out light is either flashing or on. (If you perform these steps when both ink out lights are off, the printer cleans the print heads as described on page 21.)

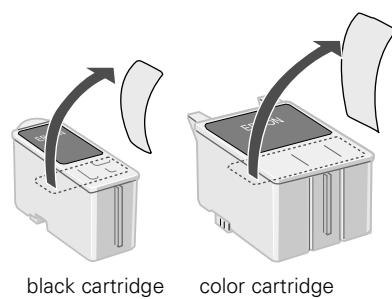
Be sure you have a new ink cartridge before you begin. Once you start the ink cartridge replacement procedure, you must complete all the steps in one session.

Follow these steps to replace ink cartridges:

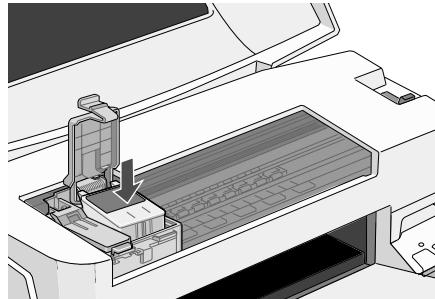
1. Make sure the printer is turned on and not printing (the  power light should be on, but not flashing), then open the printer cover.
2. Press the  cleaning button and hold it for about three seconds until the print head moves left and the  power light begins flashing.
3. Pull up the ink cartridge clamp. The cartridge rises up from its holder. (The illustration shows color ink cartridge replacement. To replace the black ink cartridge, lift up only the smaller clamp on the left.)
4. Lift the cartridge out of the printer and dispose of it carefully.



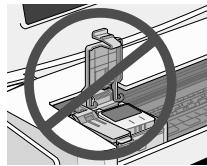
5. Unwrap the new ink cartridge. Then remove *only* the yellow part of the tape seal on top.



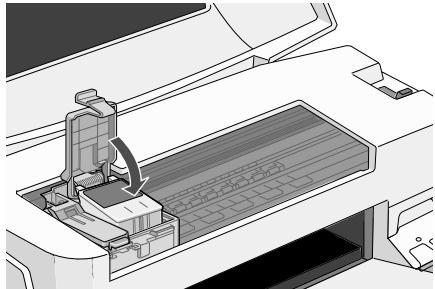
6. Tilt the new cartridge forward slightly as you place it in the holder, with the label facing up and toward the back of the printer. Hang the tabs at the back of the cartridge on the hooks.



Don't place the cartridge under the hooks; you may damage the clamp when you close it.



7. Press down the ink cartridge clamp until it locks in place, but don't press down on the cartridge itself.
8. If you need to replace the other ink cartridge, repeat steps 3 through 7 before continuing with step 9.
9. Press the  cleaning button and close the printer cover. The printer moves the print head and begins charging the ink delivery system.



The  power light flashes, and the printer makes noise. Charging takes about 30 seconds. When it's finished, the  power light stops flashing and stays on.



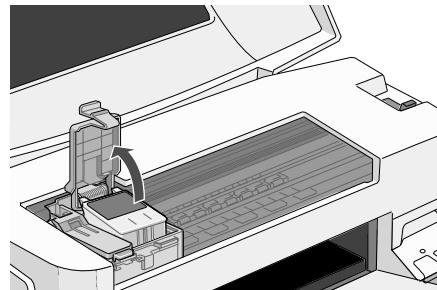
Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

Replacing an Outdated Ink Cartridge

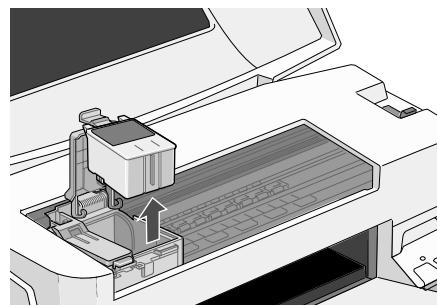
When an ink cartridge is more than six months old, you may need to replace it if you notice that your printouts don't look as good as they used to. If print quality doesn't improve after cleaning and aligning the print head, you can replace one or both cartridges.

Follow these steps to replace an ink cartridge *before* the  black or  color ink out light is flashing or on:

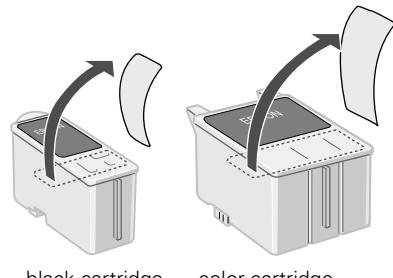
1. Make sure the printer is turned on and not printing (the  power light should be on, but not flashing), then open the printer cover.
2. Press the  load/eject button and hold it for about three seconds until the print head moves left and the  power light begins flashing.
3. Pull up the ink cartridge clamp. The cartridge rises up from its holder. (The illustration shows color ink cartridge replacement. To replace the black ink cartridge, lift up only the smaller clamp on the left.)



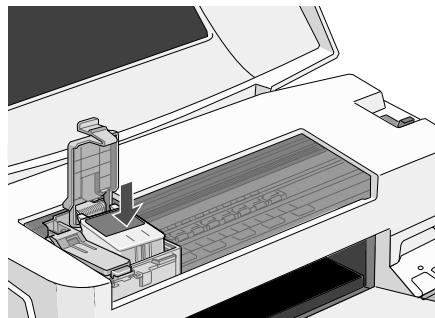
4. Lift the cartridge out of the printer and dispose of it carefully.



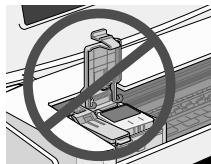
5. Unwrap the new ink cartridge. Then remove *only* the yellow part of the tape seal on top.



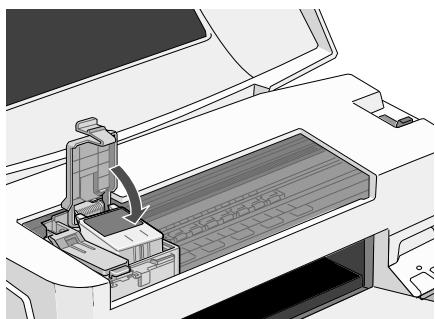
6. Tilt the new cartridge forward slightly as you place it in the holder, with the label facing up and toward the back of the printer. Hang the tabs at the back of the cartridge on the hooks.



Don't place the cartridge under the hooks; you may damage the clamp when you close it.



7. Press down the ink cartridge clamp until it locks in place, but don't press down on the cartridge itself.
8. If you need to replace the other ink cartridge, repeat steps 3 through 7 before continuing with step 9.
9. Press the load/eject button again and close the printer cover. The printer moves the print head and begins charging the ink delivery system.



Never turn off the printer while the power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

Aligning the Print Head

If your printouts contain misaligned vertical lines, you may need to align the print head. Your printer must be connected to a local port, not on a network, to use the Print Head Alignment utility.

Follow these steps:

1. Make sure the printer is turned on, but not printing, and letter-size paper is loaded.



Load paper that's at least 8.27 inches (210 mm) wide to prevent ink from spraying inside the printer and smudging your printouts.

For the best results, load EPSON ink jet paper in the printer whenever you check the print head alignment.

2. If you have an application running, access the printer settings dialog box as described on page 6 (Windows) or page 10 (Macintosh).

Or, with Windows, click Start, point to Settings, then select Printers. Right-click the EPSON Stylus COLOR 880 icon in the Printers window. Select Properties in Windows 98 or Windows 95, Document Defaults in Windows NT, or Printing Preferences in Windows 2000.

3. **Windows:** Click the Utility tab.

Macintosh: Click the

4. You see the Utility menu. Click the Print Head Alignment
5. Follow the instructions on the screen to print a test page.
6. Select the most precise alignment pattern from the choices on the test page. Enter the number of the best aligned pattern following the instructions on the screen.

You may need to repeat steps 5 and 6 more than once to align your print head completely.

Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year. Follow these steps:

1. Turn off the printer, unplug the power cord, and disconnect the printer cable.
2. Remove all the paper from the sheet feeder.
3. Clean the exterior of the printer with a soft, damp cloth. Use a soft brush to clean dust or dirt on the sheet feeder.
4. Clean ink out of the printer's interior with a soft, damp cloth.



Don't touch the gears inside the printer.



Never use a hard or abrasive brush, or alcohol or thinner for cleaning; they can damage the printer components and case.

Don't get water on the printer components and don't spray lubricants or oils inside the printer.

Don't use any cleaning sheets included with special media; they may jam inside the printer.

Transporting the Printer

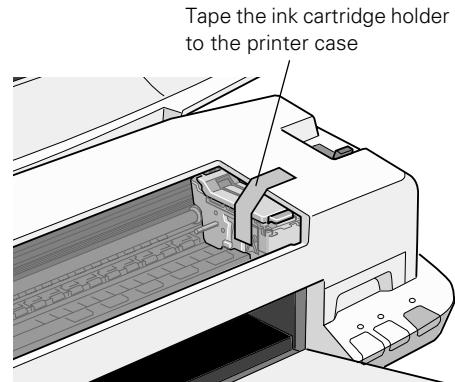
If you move your printer some distance, you need to prepare it for transportation in its original box. Follow these steps:



To avoid damage, always leave the ink cartridges installed when transporting the printer.

Be sure to remove the tape used in step 4 after installing the printer in its new location.

1. Turn on the printer, wait until the print head locks in the far right position, then turn off the printer.
2. Unplug the power cord from the electrical outlet. Then disconnect the printer cable from the printer.
3. Remove any paper from the printer and remove the paper support.
4. Open the printer cover. Secure the ink cartridge holder to the printer with tape as shown, then close the printer cover.
5. Push in the output tray extension and close the tray.
6. Repack the printer and attachments in the original box using the protective materials that came with it. See your *Start Here* poster.



Keep the printer level as you transport it.

After transporting the printer, remove the tape securing the print head and test your printer. If you notice a decline in print quality, clean the print head (see page 21); if output is misaligned, align the print head (see page 28).

Problem Solving

This section gives you the basics for diagnosing and solving printer problems.

- First see “Diagnosing Printer Problems” on page 32 to help determine what the cause of the problem may be.
- Then see “Problems and Solutions” on page 34 for solutions to common setup, software, print quality, paper feeding, or other problems.

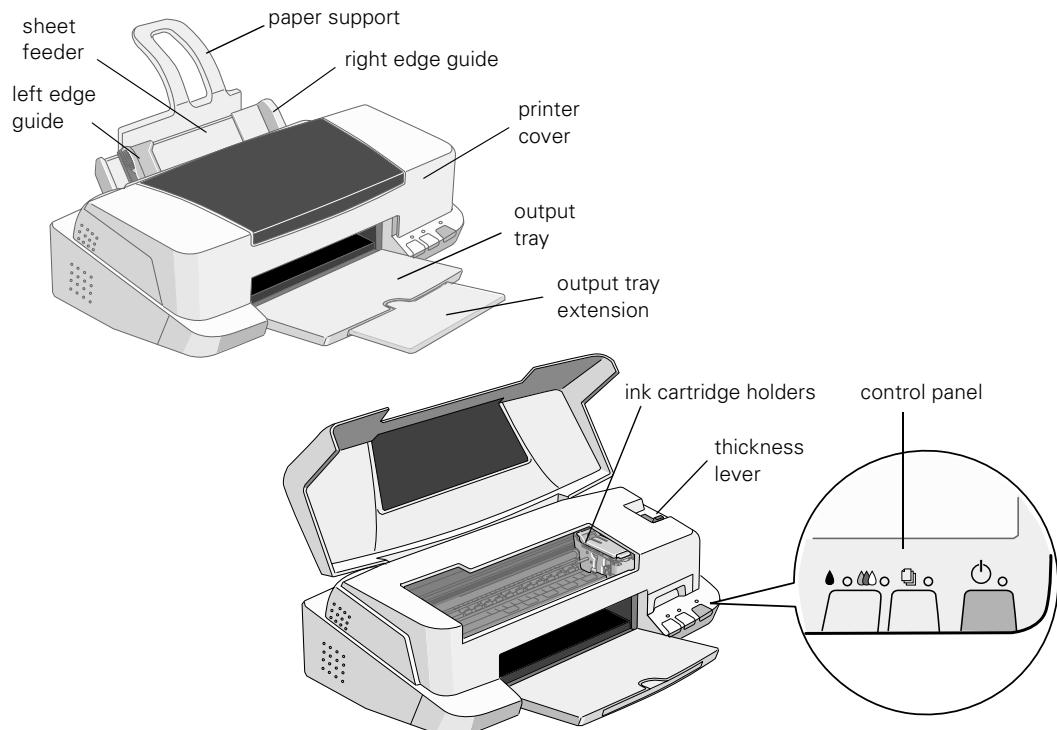
TIP



It's a good idea to check EPSON's web site periodically for possible updates to your printer driver. Visit www.epson.com and check the section for your product to see if there is a new driver available for downloading to your computer. To check the version number of your current driver, access the driver as described on page 6 for Windows or page 10 for Macintosh; the version number is shown below the EPSON logo.

Identifying Printer Parts

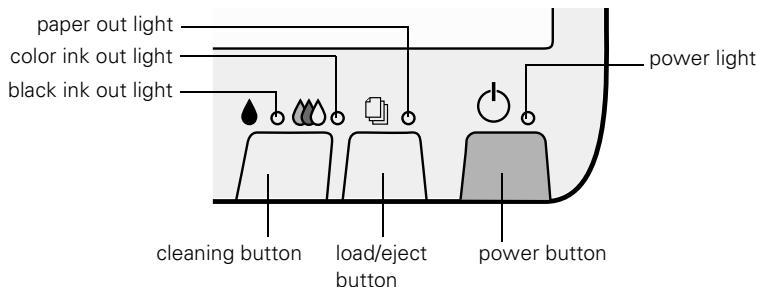
If you need help identifying the parts of the printer, refer to these illustrations:



Diagnosing Printer Problems

You can diagnose some problems by checking the printer's control panel lights, as described below, or running a printer check, as described on page 33.

Checking the Control Panel Lights



① is on	The ① power light is on when the printer is on and ready to print. It flashes when the printer is receiving a print job, charging ink, or cleaning the print head.
② flashes and ● and ③ are on	When the ② paper out light flashes and both ink out lights come on, you have a paper jam. Press the ④ load/eject button to try to clear the jam. If that doesn't work, turn off the printer and gently pull out all the paper. Make sure none of the sheets are curled, creased, old, stuck together, or too thin. Then reload the paper, turn on the printer, and press the ④ load/eject button to resume printing.
② is on	When the ② paper out light comes on, your paper is out or incorrectly loaded. Make sure none of the sheets are curled, creased, old, stuck together, or too thin. Then reload the paper and press the ④ load/eject button to resume printing.
● or ③ flash	When an ink out light flashes, your ink supply is low. Make sure you have a replacement cartridge.
● or ③ are on	When an ink out light comes on, you need to replace the ink cartridge. See page 23 for instructions.
① and ② flash and ● and ③ are on	When the ① power and ② paper out lights flash, and one or both of the ink out lights come on, jammed paper may be blocking movement of the print head or you may not have removed the yellow tape seal from the installed ink cartridge(s). Turn off the printer, open the cover, and check inside for any jammed paper. Then turn the printer back on. If an ink out light remains on and the print head moves into replacement position, replace the ink cartridge(s) as described on page 26. If the lights still flash and/or come on, contact your dealer or EPSON; see page 41 for contact information.

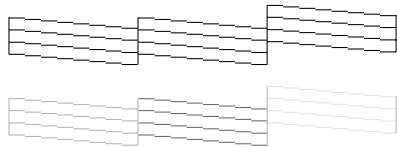
 	When all the lights flash, your printer may have an internal error. Make sure you removed all the packing material as described on the <i>Start Here</i> poster. Then turn off the printer, wait a few seconds, and turn it on again. If the lights still flash, contact your dealer or EPSON; see page 41 for contact information.
	When all the lights are off, the printer is not receiving power. Try these solutions: <ul style="list-style-type: none"> ■ Make sure the printer is turned on. ■ Turn off the printer, plug in the power cord securely, and turn on the printer again. ■ Make sure the outlet is operable and is not controlled by a switch or timer. If in doubt, try using another outlet.

Running a Printer Check

You can run a printer check to determine whether a problem comes from the printer itself or some other source. Follow these steps:

1. Make sure both the printer and computer are turned off.
2. Disconnect the interface cable from the printer.
3. Make sure paper is loaded in the printer.
4. Hold down the  load/eject button, then press and release the  power button. Continue holding down the  load/eject button until the  power light starts to flash, then release it.

The printer prints one page showing its ROM version number, ink counter, and a nozzle check pattern. Only the nozzle check pattern is shown below. (If the pattern has gaps in its dots, you need to clean the print head; see page 21.)



5. To end the check, turn off the printer after it prints the check page. Then reconnect the interface cable and turn on your printer and computer.

If the check page prints, the problem probably lies in your software settings, the interface cable, or your computer.

If the check page doesn't print, you may have a problem with your printer.

Try the suggestions in "Problems and Solutions" beginning on page 34. If nothing seems to work, contact your dealer or EPSON as described on page 41.

Problems and Solutions

Below are some basic troubleshooting tips if you have any problems setting up your printer, installing software, getting good print quality, feeding paper, or other miscellaneous problems.

Problems Setting Up the Printer or Installing Software

The printer started making noise after ink cartridge installation.

- The first time you install ink cartridges, the printer must charge its ink delivery system for a couple minutes. Wait until charging finishes (the \textcircled{P} power light stops flashing) before you turn off the printer. If you turn off the printer while it's charging, it begins charging again the next time you turn it on and uses more ink than necessary.
- Make sure the ink cartridge clamps are locked down completely and that no packing material remains in the printer. Turn off the printer, disconnect it from your computer, and turn it on again to clear the error. Then turn it off, reconnect it, and turn it on again.
- If the printer stops moving or making noise, but the \textcircled{P} power light is still flashing after 5 minutes, turn off the printer. If the light is still flashing when you turn it back on, see "Where To Get Help" on page 41.

You're having problems installing the printer software.

- Carefully follow the instructions on the *Start Here* poster.
- Make sure your printer is turned on and the printer cable is securely connected to the printer and computer.
- Make sure you've closed all other applications, including any screen savers. Then try installing the software again.

Your printer icon doesn't appear in the Chooser (Macintosh).

- Your Macintosh has extension conflicts. Disable Quick Draw GX in the Extensions Manager. Make sure EPSON Monitor3 and SC 880 are enabled, and then restart your Macintosh.
- You may have too many items in the Chooser. Delete any unused items and check the Chooser again.

You can't install the USB Printer Device driver for Windows 98 or Windows 2000.

- Make sure your computer and cable meet the system requirements on page 43.

- Make sure that the Universal Serial Bus Controller is working properly in the Device Manager. For details, see your computer documentation. If it is not working properly, contact your computer dealer.
- In Windows 2000, do not select Block under Control Panel > System > Hardware > Driver Signing, or your driver installation will not be completed. Select Ignore or Warn instead.
- If you use a USB hub, connect the printer to the first tier of the hub, or connect the printer to the computer's USB port directly.

You can't install software or USB drivers in Windows 2000 or Windows NT.

If you see an error message or the software doesn't install correctly, you may not have software installation privileges. Contact your System Administrator.

You're printing over a network.

See your electronic *Reference Guide* for instructions on configuring your printer for use on a network.

Problems with Printing

Only the power light is on, but nothing prints.

- Make sure the interface cable is connected securely and that the cable meets the system requirements on page 43.
- Run a printer check as described on page 33. If the check page prints, make sure your printer and application software are installed correctly.
- If you're printing on a network, you need to set up your printer for network printing, as described in your electronic *Reference Guide*.

The printer sounds as though it is printing, but nothing prints.

Make sure the print head nozzles are not clogged. To clean the print head, see page 21.

Printing is too slow.

Make sure your system meets the requirements listed on page 43. If you're printing a high-resolution image, you need more than the minimum requirements listed.

You may also need to:

- Clear space on your hard disk or run a defragmentation utility.
- Close open applications that you're not using.
- Increase your system's memory (RAM).

For the fastest printing, try the following:

- Choose Black ink if your document doesn't include color.
- Set the Quality/Speed slider to Speed.
- In the printer software's Advanced dialog box, turn MicroWeave off and turn High Speed on.
- If you're using the parallel port, enable ECP/DMA mode on your computer's parallel port for maximum print speeds. See your computer documentation or the manufacturer for instructions.

Your printer makes noise when you turn it on or after it has been sitting for a while.

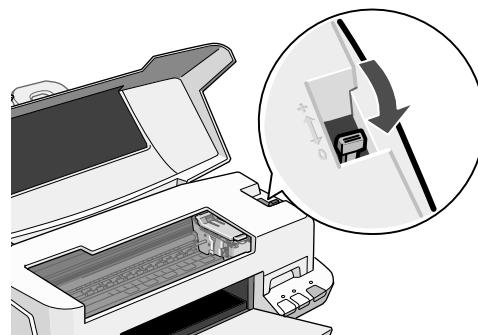
Your printer is performing routine maintenance.

Problems Getting Good Print Quality

You see banding (light lines).



- Make sure the print head nozzles are not clogged. To clean the print head, see page 21.
- Make sure the Media Type setting matches the paper you loaded. See page 20 for guidelines.
- Make sure the printable side of the paper is face up. It is usually whiter or shinier.
- If either ink out light is flashing, replace the ink cartridge; see page 23. If your ink cartridge is more than six months old, see page 26 for replacement steps.
- Try using Automatic mode. See page 7 (Windows) or page 11 (Macintosh) for instructions.
- Run the Print Head Alignment utility. See page 28 for instructions.
- Turn off High Speed printing in the printer software.
- Make sure the paper thickness lever is in the **0** position, as shown below. Set the lever to the **+** position when you print on thicker paper or envelopes.



Your printout is blurry or smeared.



- Make sure your paper isn't damp or loaded face down (the printable side should be loaded face up). If it's damp, reload a new stack of paper.
- Use a support sheet with special media, or try loading your media one sheet at a time.
- Make sure your paper or media meets the specifications listed in your electronic *Reference Guide*.
- Use EPSON papers to ensure proper saturation and absorption of EPSON inks. Non-EPSON media may not be compatible and may produce ink bleeding or pooling.
- Run the Print Head Alignment utility. See page 28 for instructions.
- Check the paper thickness lever position. If it's in the **+** position, your printer is set for thicker paper or envelopes and your image may smear. For most papers, set the paper thickness lever to the **0** position, as shown to the left.

Your printout is faint or has gaps in the image.



- Make sure the print head nozzles are not clogged. To clean the print head, see page 21.
- Make sure the ink cartridges aren't low on ink. To replace an ink cartridge, see page 23.
- Make sure the Media Type setting matches the paper you loaded. See page 20 for guidelines.
- Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, reload a new stack of paper with the printable side up; it is usually whiter or shinier than the other side.

You see wrong or missing colors.

- Make sure the Ink setting is set to Color for color images and your application is set for color printing.
- Make sure the print head nozzles are not clogged. To clean the print head, see page 21.
- If either ink out light is flashing, replace the ink cartridge; see page 23. If your ink cartridge is more than six months old, see page 26 for replacement steps.

- If you're printing a high-resolution image, turn off PhotoEnhance.
- Try using Automatic mode. See page 7 (Windows) or page 11 (Macintosh) for instructions.
- Make sure your printer and port are selected in your software.
- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible. For information, see your electronic *Reference Guide*.

You see incorrect characters.

- Make sure the interface cable is securely connected and that it meets the system requirements on page 43 or page 44. Then try printing again.
- Make sure your printer is selected in your application, or as the Windows default printer or the current printer in the Macintosh Chooser.
- Make sure there aren't any stalled print jobs. If there are, delete them and then try printing again. See your electronic *Reference Guide* for instructions.
- If you're using a printer switch box, connect the printer directly to your computer and try printing again.

Your printout is grainy.

- Try using a higher quality paper.
- Set the Quality/Speed slider to the Quality setting in your printer software; see page 7 (Windows) or page 11 (Macintosh).

- Run the Print Head Alignment utility. See page 28 for instructions.
- You may need to increase the image resolution or print it in a smaller size; see your software documentation.

Problems with Paper Feeding

Too many copies are printing.

Make sure that the Copies settings in your printer software and application aren't set for multiple copies.

Paper doesn't eject fully or is wrinkled.

- If the paper doesn't eject fully, you may have set the wrong paper size. Press the  load/eject button to eject the paper. Then select the correct paper size in your application or printer software.
- If it's wrinkled when it ejects, the paper may be damp or too thin.

Paper doesn't feed.

Remove the stack of paper from the sheet feeder. Check that the paper:

- Isn't curled or creased
- Isn't too old
- Isn't loaded above the arrow on the left edge guide
- Isn't jammed inside the printer. (If the  paper out light is flashing, paper is jammed.)

When you reload the paper, make sure the left edge guide fits the paper.

Paper jams inside the printer.

Turn off your printer, open the cover, and remove all the paper that's inside, including any small pieces that may have torn off. If paper jams frequently:

- Use smooth, high-quality paper, loaded printable side up.
- Fan the stack and then even the edges before loading it.
- Don't load paper above the arrow mark on the left edge guide.
- Place the paper against the right edge guide and slide the left edge guide against your paper.

Multiple pages feed at once.

Remove the stack of paper, then:

- Make sure the paper isn't too thin.
- Fan the edges of the stack of paper to separate the sheets.

To reload the paper, see page 5.

Solving Miscellaneous Printout Problems

The margins are incorrect.

- Make sure the paper size settings in your printer software are correct. See the electronic *Reference Guide* for instructions.
- Check your software documentation for instructions on selecting the correct margins for your paper size. The margins must be within the printable area of the page. See "Specifications" in your electronic *Reference Guide* for information.

The image size or position is incorrect.

Make sure the paper and/or layout options are set correctly.

The image is inverted, as if viewed in a mirror.

Turn off Flip Horizontal in the printer software or the mirror setting in your application software. (If you're printing on EPSON Iron-On Cool Peel Transfer Paper, the image *should* be inverted so it irons on correctly.)

The printer prints blank pages.

- Make sure your printer is selected in your application, or as the Windows default printer or the current printer in the Macintosh Chooser.
- Make sure the paper size settings in the printer software are correct. See the electronic *Reference Guide* for instructions.
- Make sure the print head nozzles are not clogged. To clean the print head, see page 21.

Uninstalling Printer Software

Windows

1. Double-click  My Computer, then double-click the Control Panel icon.
2. Double-click Add/Remove Programs. Click EPSON Printer Software in the program list, then select your EPSON Stylus COLOR 880 printer icon.
3. Click the Add/Remove button (Change/Remove button in Windows 2000) and follow the instructions.
4. If you're using the USB port in Windows 98, click EPSON USB Printer Devices in the program list; then click the Add/Remove button.
5. Restart your computer.

Macintosh

1. Insert your printer software CD-ROM. Then double-click the EPSON CD-ROM icon and double-click the EPSON icon. You see the Main Menu.
2. Click Install Printer Driver. On the installer screen, click the arrow in the Easy Install list at the top and select Uninstall. Then click the Uninstall button at the bottom and follow the instructions. Restart your Macintosh.

Reinstalling Printer Software

Before reinstalling your printer software, first uninstall it as described above. Then see your *Start Here* poster for detailed instructions on installing your printer software.

Where To Get Help

If you need help with your printer or its software, including EPSON Software™ Film Factory™, see the contact information below. For help with the creative applications on the printer software CD-ROM, see page 42 for contact information. If you need help using other software with an EPSON product, see the documentation for that software for technical support information.

EPSON Technical Support

EPSON provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed in the following table:

Service	Access
World Wide Web	From the Internet, you can reach EPSON Support at http://www.epson.com . At this site, you can download drivers and other files, look at documentation such as product brochures and user manuals, and access troubleshooting information.
EPSON Internet FTP Site	If you have Internet FTP capability, use your Web browser (or other software for FTP downloading) to log onto ftp.epson.com with the user name anonymous and your e-mail address as the password.
EPSON E-MAIL Technical Support	To receive technical advice through e-mail, go to http://www.epson.com and complete the form under the troubleshooting tab, as requested.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call (800) 922-8911 .

To speak to a technical support representative, dial:

- U.S.: (562) 276-7564, 6 AM to 8 PM, Pacific Time, Monday through Friday and 7 AM to 4 PM, Saturday
- Canada: (905) 709-2567, 6 AM to 6 PM, Pacific Time, Monday through Friday and 7 AM to 4 PM, Saturday

Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (EPSON Stylus Color 880, EPSON Stylus Color 880i, or EPSON Stylus Color 8³)
- Product serial number (located on the back of the printer)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

You can purchase ink cartridges, paper, manuals, and accessories from EPSON at (800) 873-7766 or visit the EPSON Store at www.epson.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

Creative Software Technical Support

If you need help with the creative software on the printer software CD-ROM, please contact the manufacturer, as listed below:

Software	Web site	Email	Telephone
ArcSoft PhotoImpression 2000 ArcSoft PhotoMontage 2000	http://www.arcsoft.com	support@arcsoft.com	(510) 440-9901 8:30 AM to 5:30 PM, PST
Trellix Web	http://support.trellix.com	—	(503) 684-4647 8:00 AM to 12:00 PM, PST

Requirements and Notices

This chapter includes system requirements, safety instructions, legal notices, and other important information.

Windows System Requirements

To use your printer and its software, your system should have:

- An IBM® compatible PC with at least a 486/66 MHz (for Windows 98, Windows Me, or Windows 2000) or 486/25 MHz (for Windows 95 or Windows NT® 4.0) processor (Pentium® processor recommended)
- Microsoft Windows 95, Windows 98, Windows Me, Windows 2000, or Windows NT 4.0
- At least 16MB of RAM (32MB for Windows 95, Windows 98, or Windows Me, or 64MB for Windows 2000 or Windows NT 4.0 recommended)
- At least 50MB of free hard disk space (100MB recommended)
- VGA or better display adapter and monitor
- Double-speed (2x) CD-ROM drive (quad-speed [4x] or faster recommended) for installing the printer software
- For parallel connection: a high-speed, bidirectional, IEEE-1284 compliant parallel cable (6 to 10 feet long) with a D-SUB, 25-pin, male connector for your computer and a 36-pin, Centronics® compatible connector for the printer

For USB connection: a computer running Windows 98 or Windows 2000 with a Windows compliant USB port and a shielded USB “AB” cable from Series A (computer) to Series B (printer), up to 6.5 ft. (2 meters) long.



Using an improperly shielded USB cable—especially a cable more than 6.5 ft. (2 meters) long—may cause the printer to malfunction.

Macintosh System Requirements

To use your printer and its software, your system should have:

- An Apple® iMac™ series, Power Macintosh® G3 or G4 with USB port
- Mac® OS 8.5.1 or later



If your iMac is running OS 8.1, you'll need to upgrade your operating system before installing your printer software. If your iMac is running OS 8.5.1, Apple recommends that you install iMac Update 1.1. To find out which operating system your iMac is running, select About This Computer from the Apple menu.

- At least 16MB of available RAM (32MB recommended)
- At least 50MB of free hard disk space (100MB recommended)
- VGA or better display adapter and monitor
- Double-speed (2x) CD-ROM drive (quad-speed [4x] or faster recommended) for installing the printer software
- A shielded USB "AB" cable from Series A (computer) to Series B (printer), up to 6.5 ft. (2 meters) long



Using an improperly shielded USB cable—especially a cable more than 6.5 ft. (2 meters) long—may cause the printer to malfunction.

ENERGY STAR Compliance



As an ENERGY STAR Partner, EPSON has determined that this product meets the ENERGY STAR guidelines for energy efficiency. The EPA 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, and copiers in an effort to reduce air pollution caused by power generation.

Important Safety Instructions

Before using your printer, read the following safety instructions to make sure you use the printer safely and effectively:

- Turn off and unplug the printer before cleaning. Clean with a damp cloth only. Do not spill liquid on the printer.



Always turn off the printer using the \odot power button. Don't switch off the power strip, or unplug the printer until the \odot power light is off.

- Do not place the printer on an unstable surface or near a radiator or heating vent or in direct sunlight.
- Do not block or cover the openings in the printer's case or insert objects through the slots.
- Use only the type of power source indicated on the printer's label.
- 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.
- Place the printer near a wall outlet where the plug can be easily unplugged.
Placez l'imprimante près d'une prise de contacte où la fiche peut être débranchée facilement.
- Do not let the power cord become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Except as specifically explained in this manual, do not attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:

If the power cord or plug is damaged; if liquid has entered the printer; if the printer has been dropped or the case damaged; if the printer does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

Ink Cartridge Safety Instructions

- Install the ink cartridge immediately after you remove it from its package. Leaving the cartridge unpacked for a long time before use may result in reduced print quality.
- Do not put your hand inside the printer or touch the cartridge during printing.
- Under normal circumstances, ink will not come out of the cartridge. If it does get on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Keep ink cartridges out of the reach of children and do not drink the ink.
- Do not dismantle the ink cartridges or try to refill them. This could result in damage to the print head.
- Once you install an ink cartridge, do not open the clamp or remove the cartridge except to replace it with a new one. The cartridge may become unusable otherwise.
- Do not use an ink cartridge beyond the date printed on the cartridge package. For best results, use up the ink cartridges within six months of installing them.
- Do not shake an ink cartridge; this can cause leakage.
- Do not move the print head by hand; otherwise you may damage the printer.
- Before transporting the printer, make sure the print head is capped in the far right position and the ink cartridges are in place.

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

This Class B apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Declaration of Conformity

DECLARATION of CONFORMITY

According to 47CFR, Part 2 and 15 for Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers:

We: EPSON AMERICA, INC.
Located at: MS 6-43
3840 Kilroy Airport Way
Long Beach, CA 90806-2469
Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed, is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909 Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: EPSON
Type of Product: Ink Jet Printer
Model: P156A

Warranty

Epson America, Inc. Limited Warranty

What is Covered: Epson America, Inc. ("Epson") warrants to the first end-user customer that the Epson printer covered by this limited warranty statement, if purchased and used in the United States or Canada, conforms to the manufacturer's specifications and will be free from defects in workmanship and materials for a period of one year from the date of original purchase. Epson also warrants that the consumable ink cartridges enclosed with the printer will perform to the manufacturer's specified usage, which usage may expire before the expiration of the limited warranty for the EPSON printer. For warranty service, you must provide proof of the date of original purchase.

What Epson Will Do To Correct Problems: Should your EPSON printer prove defective during the warranty period, please call the EPSON Connection at (562) 276-7564 (U.S.) or (905) 709-2567 (Canada) for warranty repair instructions and return authorization. An Epson service technician will provide telephone diagnostic service to determine whether the unit requires repair. If service is needed during the warranty period, Epson will, at its option, exchange or repair the unit without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement printer to you, freight prepaid. You are responsible for securely packaging the defective printer and returning it to Epson within five (5) working days of receipt of the replacement unit. You must provide a credit card number to secure the cost of the replacement printer in the event that you fail to return the defective one. If your printer is being repaired, Epson will direct you to send your printer to Epson or its authorized service center. The printer will be fixed and sent back to you. You are responsible for packing the printer and for shipping costs to and from the Epson authorized service center. When warranty service involves the exchange of the product or of a part, the item replaced becomes Epson property. The exchanged product or part may be new or refurbished to the Epson standard of quality. Epson's liability for replacement of the covered product will not exceed the original retail selling price of the covered product. Exchange products or parts assume the remaining warranty period of your original product covered by this limited warranty.

What This Warranty Does Not Cover: This warranty covers only normal use in the United States and Canada. This warranty does not cover damage to the Epson printer caused by parts or supplies not manufactured, distributed or certified by Epson. This warranty does not cover ribbons, ink cartridges or third party parts, components or peripheral devices added to the Epson printer after its shipment from Epson, e.g., dealer or user-added boards or components. Epson is not responsible for warranty service should the Epson label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-Epson products, or service other than by an Epson Authorized Servicer. If a claimed defect cannot be identified or reproduced, you will be held responsible for the costs incurred.

THE WARRANTY AND REMEDY PROVIDED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED TO THE WARRANTY PERIOD IDENTIFIED ABOVE. UNLESS STATED HEREIN, ANY STATEMENT OR REPRESENTATIONS MADE BY ANY OTHER PERSON OR FIRM ARE VOID. EXCEPT AS PROVIDED IN THIS WRITTEN WARRANTY, NEITHER EPSON AMERICA, INC. NOR ITS AFFILIATES SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR INABILITY TO USE THE EPSON PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY OR ANY OTHER LEGAL THEORY.

In Canada, warranties include both warranties and conditions.

Some jurisdictions do not allow limitations on how long an implied warranty lasts, and some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from jurisdiction to jurisdiction.

Epson America, Inc. • P.O. Box 93012 • Long Beach, CA 90809-3012

Index

Numerics

360 dpi Ink Jet Paper, 20
4 x 6-inch Photo Paper, 19

A

Accessories, 23, 42
Advanced settings, 13 to 16
Aligning print head, 28
Automatic mode, 7, 11

B

Background printing, 12
Banding, 16, 36
Blurry images, 37
Browser, 2

C

Cable, printer, 43, 44
Checking printer, 33
Cleaning
 print head, 21 to 22
 printer, 29
 sheets, 20, 21, 29
Colors, incorrect, 37
Control panel, 32 to 33
Controlling printing, 8 to 9, 12
Copies setting, 38
Creative software, 42
Custom project types, 14 to 15

D

Default settings, Windows, 8
Digital signature, 35
Documentation, 1
Double-sided printing, 17 to 18
Driver signing, 35
Duplexing, 17 to 18

E

Economy setting, 15
Electronic manual, 2 to 3
E-mail technical support, 41
ENERGY STAR, 44
Envelopes, 16
EPSON
 Accessories, 23, 42
 automated telephone services, 41
 Electronic support services, 41
 help, 41 to 42
 Monitor3, 12
 papers, 18 to 20
 Store, 42
 World Wide Web site, 41

F

Faint images, 37
Fix-it Flix, 4
Flip Horizontal setting, 39
FTP, 41

G

Gamma setting, 16
Glossy media, 20
Graph setting, 15

H

Head Cleaning utility, 21 to 22
Help
 creative software, 42
 EPSON, 41 to 42
 printer movies, 4
High Quality Ink Jet Paper, 20
High Speed setting, 36
High-resolution images, 38

I

ICM (Image Color Matching) setting, 15
Incorrect characters, 38
Incorrect colors, 37
Ink cartridge
 replacing, 23 to 25
 replacing outdated, 23, 26 to 27
 safety instructions, 45
Ink Jet Transparencies, 20
Ink level, 9, 23
Ink setting, 7, 11
Internet, 41
Iron-On Cool Peel Transfer Paper, 20, 39

L

Layout problems, 39
Lever, thickness, 16, 36, 37
Lights, 32 to 33

M

Macintosh
 printer status, 12
 printing with, 9 to 12
 system requirements, 44
 USB, 44
Maintaining printer, 21 to 29
Matte Paper - Heavyweight, 19, 20
Media Pack, EPSON, 18
Media Type setting, 7, 11, 20
MicroWeave setting, 36
Mirror images, 39
Monitor3, EPSON, 12
Monitoring ink level, 9, 23
Movies, printer, 4
Moving printer, 30

N

Network printing, 35
Nozzle check pattern, 22, 33

O

Orientation, 10
Outdated ink cartridges, 23, 26 to 27

P

Page Setup dialog box, 10
Paper
 EPSON, 18 to 20
 feeding problems, 38
 loading, 5 to 6, 9 to 10, 16, 17 to 18, 19
 size, 9, 10, 12
 thickness lever, 16, 36, 37
 type, setting, *see* Media Type setting
Photo Paper, 19, 20
Photo Quality Glossy media, 20
Photo Quality Ink Jet Paper, 20
Photo Quality Media Pack, 18
Photo Stickers, 20
Preserving photos, 19
Previewing, 9, 12
Print dialog box, 6, 8
Print head
 aligning, 28
 cleaning, 21 to 22
Print Head Alignment utility, 28
Print quality problems, 36 to 38
Printable Area setting, 10
Printer
 cable, 43, 44
 check, 33
 cleaning, 29
 control panel, 32 to 33
 features, 1
 maintaining, 21 to 29
 movies, 4
 noise, 36
 parts, 31
 problems, 32 to 33, 34, 35
 status, 9, 12
 transporting, 30

P

Printing
advanced, 13 to 16
controlling, 8 to 9, 12
Macintosh, 9 to 12
Windows, 5 to 9
with custom project types, 14 to 15

Problems

installing software, 34
miscellaneous, 39
paper feeding, 38
print quality, 36 to 38
printing, 35 to 36
setting up printer, 34

Progress Meter, 9

Project types, custom, 14 to 15

Q

Quality/Speed setting, 7, 11

R

Reference Guide, 2 to 3
Reinstalling software, 40

S

Safety instructions, 44 to 45
Saving settings, 15
Smears, 16, 37
Software
creative, 42
reinstalling, 40
solving problems, 34 to 35
uninstalling, 40
Special effects, 15
Special papers, 18 to 20
sRGB (Standard Red Green Blue) setting, 15
Support, 41 to 42
System requirements, 43 to 44

T

Text/Graph setting, 15
Thickness lever, 16, 36, 37
Transfer Paper, Iron-On Cool Peel, 20, 39
Transparencies, 20
Transporting printer, 30
Troubleshooting, 31 to 39
Two-sided printing, 17 to 18

U

Uninstalling software, 40
USB, 35, 40, 43 to 44
Utilities
Head Cleaning, 21 to 22
Print Head Alignment, 28

W

Watermark, 9, 12
Windows
default settings, 8
printer status, 9
printing with, 5 to 9
system requirements, 43
USB, 40, 43
USB problems, 35
World Wide Web, 41

How To Order EPSON Ink and Paper

To order EPSON ink cartridges, paper, and other printing media, contact your dealer or call EPSON at (800) 873-7766 or visit the EPSON Store at www.epson.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.



EPSON Ink Cartridges



Black T019201 (U.S.), or T019311 (Canada)
Color T020201 (U.S.), or T020311 (Canada)

EPSON Papers

Paper name	Size	Part number
EPSON 360 dpi Ink Jet Paper	Letter (8.5 x 11 inches)	S041060
	A4 (8.3 x 11.7 inches)	S041059
EPSON Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041062/S041029
	A4 (8.3 x 11.7 inches)	S041061
	Legal (8.5 x 14 inches)	S041067
EPSON High Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041111
	A4 (8.3 x 11.7 inches)	S041117
EPSON Photo Quality Ink Jet Cards	A6 (4.1 x 5.8 inches)	S041054
EPSON Photo Paper	4 x 6 inches	S041134
	Letter (8.5 x 11 inches)	S041141
	A4 (8.3 x 11.7 inches)	S041140
	Panoramic (8.3 x 23 inches)	S041145
EPSON Photo Stickers Kit (CD-ROM/paper)	A6 (4.1 x 5.8 inches)	S041144-KIT
EPSON Photo Stickers (refill)	A6 (4.1 x 5.8 inches)	S041144
EPSON Photo Quality Glossy Film	Letter (8.5 x 11 inches)	S041072
	A4 (8.3 x 11.7 inches)	S041071
	A6 (4.1 x 5.8 inches)	S041107
EPSON Ink Jet Transparencies	Letter (8.5 x 11 inches)	S041064
	A4 (8.3 x 11.7 inches)	S041063
EPSON Photo Quality Self Adhesive Sheets	A4 (8.3 x 11.7 inches)	S041106
EPSON Iron-On Cool Peel Transfer Paper	Letter (8.5 x 11 inches)	S041153/S041155
EPSON Photo Quality Glossy Paper	Letter (8.5 x 11 inches)	S041124
	A4 (8.3 x 11.7 inches)	S041126
EPSON Matte Paper - Heavyweight	Letter (8.5 x 11 inches)	S041257
	A4 (8.3 x 11.7 inches)	S041258
EPSON Premium Glossy Photo Paper	Letter (8.5 x 11 inches)	S041286
EPSON Glossy Photo Greeting Card Kit	Letter (8.5 x 11 inches)	S041267



The availability of paper types varies by location. Not all paper types match the Media Type setting names in your printer software. See the chart on page 20, or the instructions that came with your paper to select the correct Media Type setting.