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EPSON Stylus CX5400 User's Guide

This *User's Guide* contains instructions on copying, printing, scanning, maintenance, troubleshooting, network printing, and specifications. The *Quick Reference Guide* contains instructions for using your EPSON Stylus® CX5400 without a computer.

To set up your EPSON Stylus CX5400 and install its software, see the *Start Here* sheet.

Please follow these guidelines throughout:

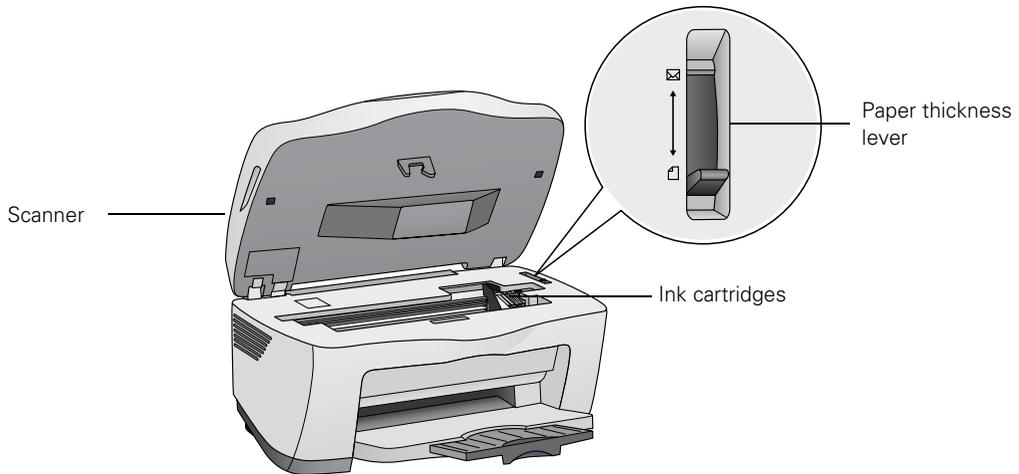
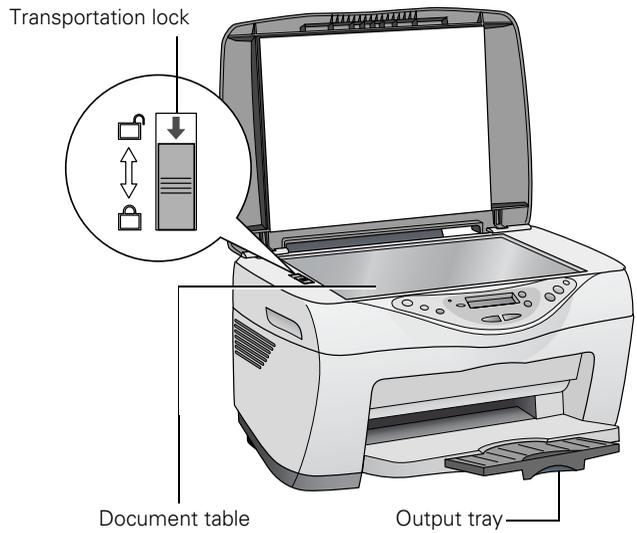
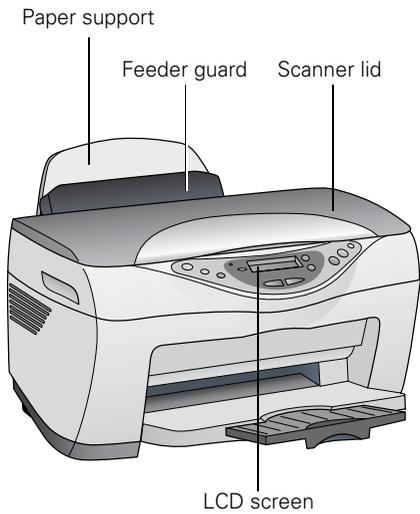
Warnings must be followed carefully to avoid bodily injury.

Cautions must be observed to avoid damage to your equipment.

Notes contain important information about your EPSON Stylus CX5400.

Tips contain hints for better copying, scanning, and printing.

EPSON Stylus CX5400 Parts



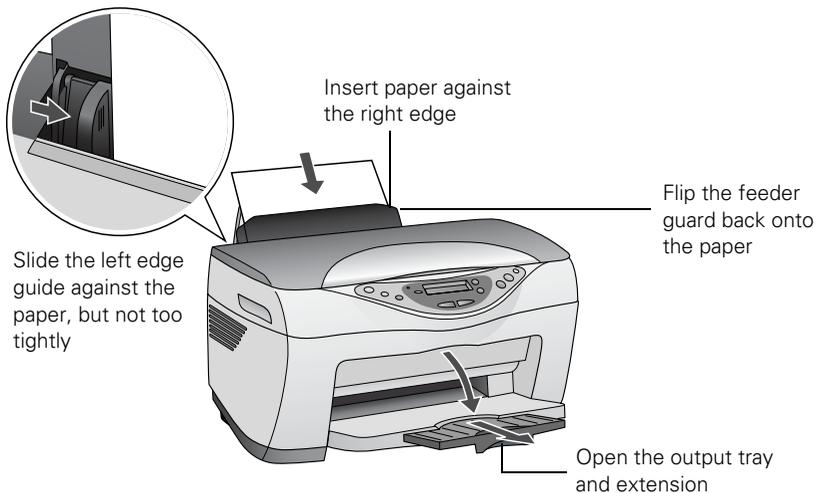
Loading Paper

- Single Sheets
- Envelopes
- Special Papers

Single Sheets

1. Open the output tray and its extension.
2. Flip the feeder guard forward.
3. Insert your paper against the right edge of the sheet feeder.
4. Slide the left edge guide against the paper (but not too tightly).
5. Flip the feeder guard back over the paper.

Note: Make sure you didn't insert the paper in front of the feeder guard.



Also be sure to:

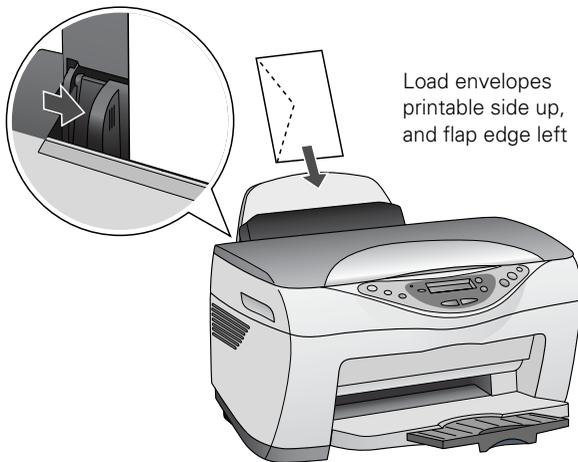
- Load the printable side face-up. It's often whiter or brighter than the other side.
- Load letterhead or preprinted paper top edge first.

- Load paper short-edge first, even for landscape-oriented documents and photos.
- Don't load paper above the arrow on the left edge guide.
- Load up to approximately 100 sheets of plain paper at a time.

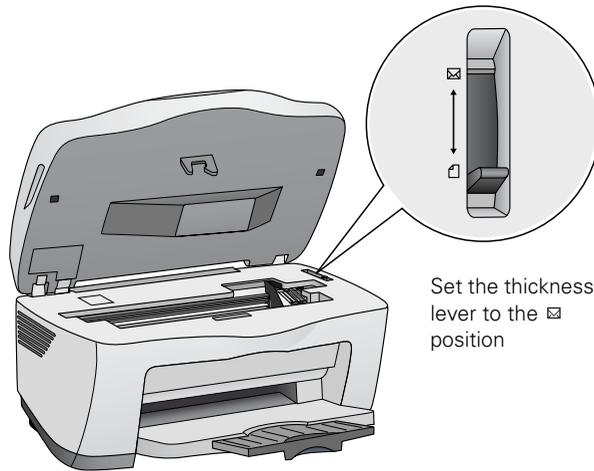
If you're loading envelopes or special paper, see the next sections.

Envelopes

1. Load up to 10 envelopes at a time, flap edge left, and printable side up, against the right edge of the sheet feeder.
2. Slide the left edge guide against the envelopes (but not too tightly).



3. Lift up the scanner and set the paper thickness lever to the position (remember to set it back to the position when you're done).



Note: For best results, press each envelope flat before loading, or load one envelope at a time.

4. Lower the scanner until it clicks into place.

Select the following settings when printing on envelopes:

- Plain paper as the Type or Media Type setting
- The correct envelope size as the Size (Windows[®]) or Paper Size (Macintosh[®]) setting

- Landscape as the Orientation setting

For instructions on selecting these settings, see:

- [Printing From an Application](#) (Windows)
- [Printing With Macintosh OS 8.6 to 9.x](#)
- [Printing With Macintosh OS X](#)

Special Papers

EPSON® offers the following special ink jet papers for the EPSON Stylus CX5400:

Paper name*	Size	Part number
EPSON Premium Bright White Paper	Letter (8.5 x 11 inches)	S041586
EPSON Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041062
	A4 (8.3 x 11.7 inches)	S041061
	Legal (8.5 x 14 inches)	S041067
EPSON Photo Quality Ink Jet Cards	A6 (4.1 x 5.8 inches)	S041054
EPSON Photo Paper or EPSON Glossy Photo Paper	4 x 6 inches	S041134/S041671
	Letter (8.5 x 11 inches)	S041141/S041649 S041271/S041272
	A4 (8.3 x 11.7 inches)	S041140
EPSON Matte Paper Heavyweight	Letter (8.5 x 11 inches)	S041257
	8 x 10 inches	S041467
EPSON Double-Sided Matte Paper	Letter (8.5 x 11 inches)	S041568
EPSON Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)	S041331
EPSON Ink Jet Transparencies	Letter (8.5 x 11 inches)	S041064
EPSON DURABrite® Ink Glossy Photo Paper	Letter (8.5 x 11 inches)	S041731
	4 x 6 inches	S041734

* The availability of paper types varies by location.

To get the best prints and copies, use genuine EPSON ink and paper. You can purchase ink cartridges, paper and accessories from your local retailer. Please call (800) 463-7766 to locate a retailer near you.

To load EPSON special ink jet papers, follow these guidelines:

Paper type	Loading capacity
Premium Bright White Paper	125 Sheets

Photo Quality Ink Jet Paper	100 sheets, or up to 50 sheets of legal-size paper
Photo Quality Ink Jet Cards	30 cards
Glossy Photo Paper or Photo Paper	20 sheets
Matte Paper Heavyweight	20 sheets with a support sheet beneath the stack
Double-Sided Matte Paper	1 sheet
Premium Semigloss Photo Paper	20 sheets
Ink Jet Transparencies	30 sheets with a sheet of plain paper beneath the stack
DURABrite Ink Glossy Photo Paper	20 sheets

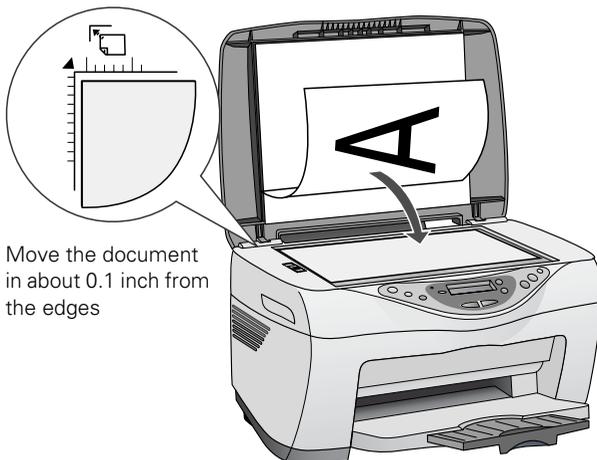
- Load all paper with the printable side up. It's usually whiter or brighter than the other side.
- Always load the short edge first, even for landscape-oriented photos or documents.
- If the paper has a cut corner, position it in the upper right corner as you load it in the sheet feeder.
- Check the paper package for additional instructions on using special papers.

Copying

- [Copying Without the Computer](#)
- [Changing Copy Settings](#)
- [Copying With the Computer](#)

Copying Without the Computer

1. Open the scanner lid.
2. Place your document face-down on the glass, in the upper left corner. Move your document about 0.1 inch from the top and side edge so your entire document is scanned.



Note: If you place your document against the guides, the edges next to the guides won't be copied.

If you need to copy a thick document, such as a book, you can remove the scanner lid to scan. Gently press down the original to keep it flat on the document table. Be sure to replace the scanner lid when you're finished.

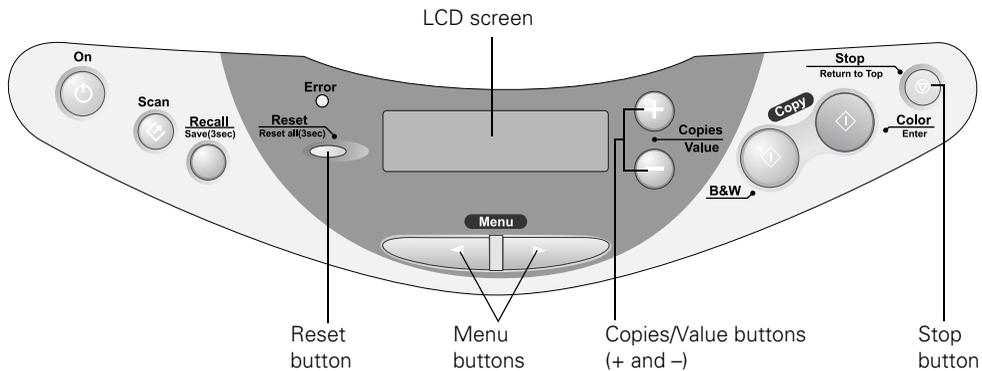
3. Close the scanner lid.
4. The default copy settings are displayed on the control panel. Change any necessary copy settings, as described in [Changing Copy Settings](#).

5. Press the **Color Copy** button (for color copies) or **B&W Copy** button (for black and white copies). Your document is scanned and then printed. If you're using the **2-up** or **4-up** Copy Mode setting (see [Type of Copies](#)), repeat these steps for your second page.

Note: Depending on the copy settings chosen, your copied image size may not be the exact same size as your original.

Changing Copy Settings

The current copy settings are shown on the LCD screen. You can change copy settings using the buttons, as described below.



Note: To clear a setting, press the **Reset** button. To clear all the setting changes you've made, press and hold the **Reset** button for at least 3 seconds.

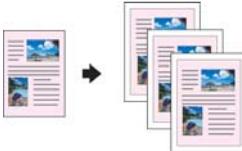
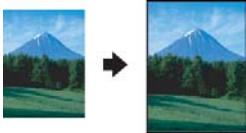
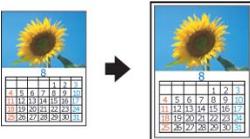
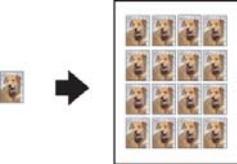
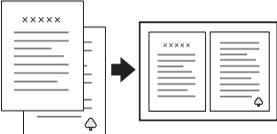
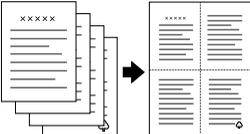
Make sure you select your Copy mode before selecting any other copy settings.

Number of Copies

Press the **+ Copies** button. If you're using the **2-up** or **4-up** Copy mode setting (see [Type of Copies](#)), you can't select more than one copy.

Type of Copies

Press the right **Menu** button to display **Copy mode** on the LCD screen. Then press the **+** or **- Value** buttons to select one of these copy modes:

Copy mode	Results
<p>Standard Margins</p> <p>Copies your original with a normal margin (0.12-inch or 3 mm)</p>	
<p>Border Free</p> <p>Sizes your original as necessary to fit to the edges of 4 x 6 or 5 x 7 paper*</p>	
<p>Small Margins</p> <p>Copies your original onto 4 x 6 or 5 x 7-inch paper with a 0.06-inch (1.5 mm) border around the edges*</p>	
<p>Repeat</p> <p>Copies an image multiple times on one sheet</p> <p>(Works best with originals that are business-card-size or smaller)</p>	
<p>2-up</p> <p>Copies two originals onto one sheet</p>	
<p>4-up</p> <p>Copies four originals onto one sheet</p>	

* If you notice reduced print quality at the bottom of your copy, try using the Standard Margins setting.

Note: The Copy mode settings determine the options available with other settings. Not all of the other options described here are available with every Copy mode setting.

Paper Size

Press the right **Menu** button until you see **Paper size** on the LCD screen. Then press the + or – **Value** buttons to select the size of the paper you loaded, either **Letter**, 4 × 6, 5 × 7, or **A4** (8.3 × 11.7 inches).

Note: The 4 × 6 Paper size option is not compatible with Glossy Photo Paper, 4" × 6", with micro perforated edges (S041134 and S041671).

Lighten or Darken

Press the right **Menu** button until you see **Lighter/Darker** on the LCD screen. Then press the + or – **Value** buttons to lighten or darken your copies.

Copy Quality

Press the right **Menu** button until you see **Quality&Paper** on the LCD screen. Then press the + or – **Value** buttons to select a print quality appropriate for your document and the paper you loaded:

Quality&Paper setting	Use when you've loaded
Plain Paper–Econ	Plain paper or Premium Bright White Paper for quick copying with draft print quality
Plain Paper–Norm	Plain paper or Premium Bright White Paper for text copying with normal print quality
Plain Paper–Fine	Plain paper or Premium Bright White Paper for text and graphics copying with high print quality
Plain Paper–Best	Plain paper or Premium Bright White Paper for improved image quality
Matte Paper HW	Matte Paper Heavyweight or Double-Sided Matte Paper
Photo Paper	Photo Paper, Glossy Photo Paper, or Premium Semigloss Paper
DB Photo Paper	DURABrite Ink Glossy Photo Paper

Note: Not all of these settings may be available, depending on the current **Copy mode** setting.

Reduce or Enlarge

Press the right **Menu** button until you see **Reduce/Enlarge** on the LCD screen. Then press the **+** or **- Value** buttons to enlarge or reduce your document to fit on the paper you loaded. Or select **Auto Fit Page** to have the EPSON Stylus CX5400 automatically determine the necessary reduction or enlargement.

To reduce or enlarge by a precise percentage, press the right **Menu** button until you see **Zoom In/Out** on the LCD screen. Then press the **+** or **- Value** buttons to select a percentage of the scanned image for the resulting print.

Note: If you select **Auto Fit Page** as the Reduce/Enlarge setting to copy a document with white or very light colored edges, the original size may not be recognized correctly, creating an incorrect size copy. If this occurs, select **100%** as the Reduce/Enlarge setting and use the Zoom In/Out setting to adjust the size of your copy.

Copying With the Computer

Follow these steps to use EPSON Smart Panel™ to copy with your computer.

Note: Some features, such as PhotoEnhance™ and Sepia, are only available when copying from the computer.

1. Make sure the EPSON Stylus CX5400 is on and paper is loaded in the sheet feeder.
2. Place the document face-down on the glass, in the top, left corner as described in [Copying Without the Computer](#).
3. Select the **EPSON Smart Panel** icon on your desktop or press the **Scan** button on the EPSON Stylus CX5400 to open Smart Panel. (To change the application assigned to the **Scan** button, see [One-Touch Scanning](#).)

Note: You can also open EPSON Smart Panel in Windows by selecting **Start > All Programs** or **Programs > EPSON Smart Panel > EPSON Smart Panel**. On Macintosh, you can open Smart Panel from the Applications folder.

4. Click the Smart Panel Copy Center button. You see the Copy Settings screen.



Note: The screens may appear slightly different on Macintosh systems.

5. Adjust any of the following copy settings:
- **Source Type:** Choose **Photo & Text**, **Photo**, or **Text**, based on the content of your original.
 - **Size:** Choose the setting based on the size of your original and your copy, or click **Manual** and enter a percentage to reduce or enlarge your copy by a specific amount.
 - **Lighten/Darken:** Adjust this by clicking the up and down arrows.
 - **Number of Copies:** Enter a number or click the up and down arrows.

Note: Press the  Cancel button if you need to cancel any setting changes you made.

- Click the **Device Settings** button on the right to check your input and output devices:

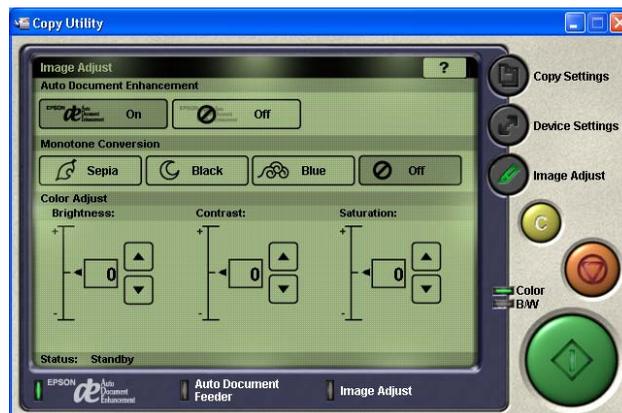


You should see your EPSON Stylus CX5400 as the input and output device.

Click **Settings** to change the displayed print settings (such as a different Media Type setting, if you loaded special paper) or select additional options. See these sections for details:

- [Printing With Windows](#)
- [Printing With Macintosh OS 8.6 to 9.x](#)
- [Printing With Macintosh OS X](#)

- Click the **Image Adjust** button on the right to enhance your image or add effects:



- Enable or disable the automatic document enhancement feature
 - Add a sepia, blue, or black and white filter
 - Adjust brightness, contrast, or saturation levels
8. Click the  Copy button to start copying.

If you need to stop copying in progress, click the  Stop button.

Note: For more information on Smart Panel copy settings, see the on-screen Smart Panel *User Guide* or click **?** on the main Smart Panel window.

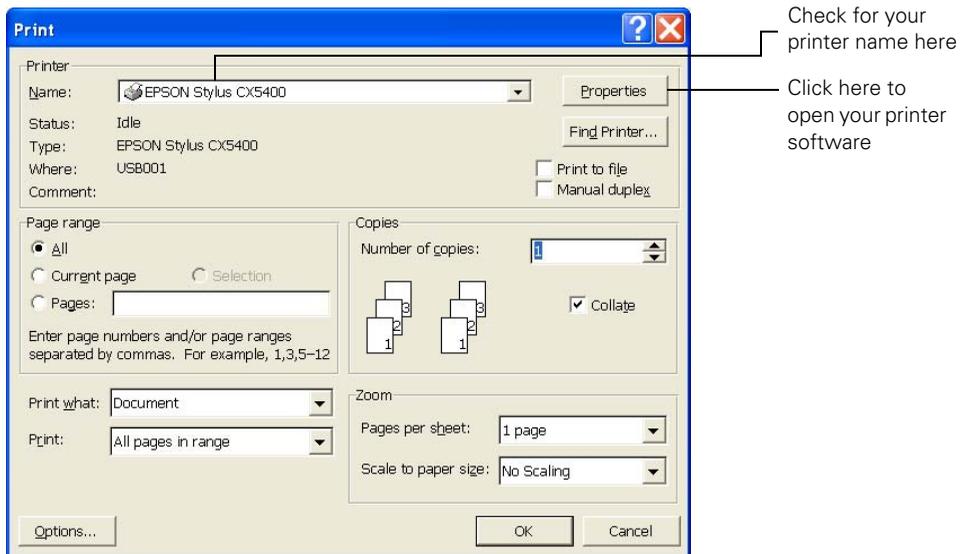
Printing With Windows

- [Printing From an Application](#)
- [Selecting Default Settings](#)
- [Customizing Windows Print Settings](#)
- [Printing BorderFree Photos \(Windows\)](#)

Printing From an Application

After you create a document in a software program, follow these steps to print it using the basic printer settings:

1. From the File menu, click Print. You see a Print window like this one:

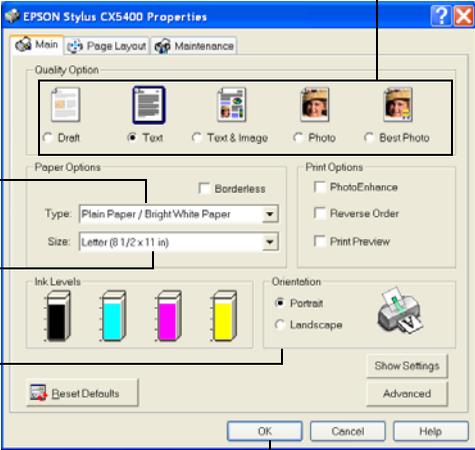


2. Make sure EPSON Stylus CX5400 is selected.
3. Click the Preferences or Properties button.

(If you see a Setup, Printer, or Options button, click it. Then click Preferences or Properties on the next screen.)

4. Select the following settings on the Main tab in your printer settings window:

Select the type of document you're printing:



Select your paper type (see [Selecting Your Paper Type](#))

Select your paper size

Select your document or image orientation

Click **OK**

Draft: For rough drafts with reduced print quality

Text: For text-only documents (like letters) with good print quality

Text & Image: For documents with text and images with higher print quality

Photo: For photos and graphics with good print quality and speed

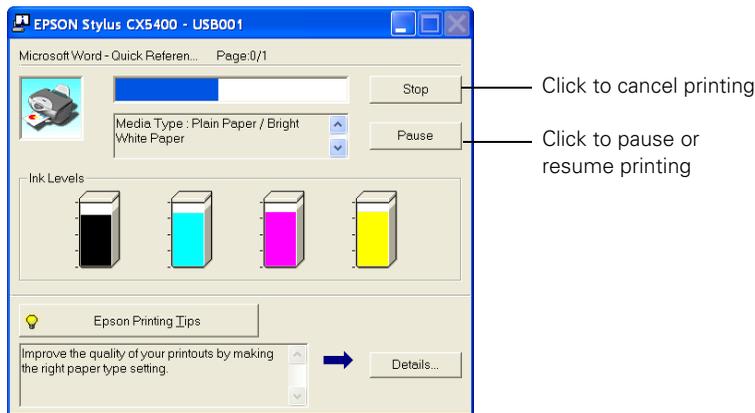
Best Photo: For photos or graphics with high print quality

Note: For more information about printer settings, click the **?** or **Help** button.

The Quality Type settings on this screen give you the best combination of quality and print speed for most prints. For the highest print quality (Photo RPM™) on selected papers, click the **Advanced** button on the Main tab. Then see [Customizing Windows Print Settings](#) for instructions on selecting Photo RPM.

5. You return to the Print window. Click **OK** or **Print** to start printing.

During printing, this window appears and shows the progress of your print job. You can use the buttons to cancel, pause, or resume printing. You can also see how much ink you have left.



Selecting Default Settings

Your printer settings apply only to the program you're currently using. If you want, you can change the Windows default printer settings for all your programs.

1. Right-click the  printer icon in the lower right corner of your screen (taskbar).
2. Select **Printer Settings**. You see the window shown in [Printing From an Application](#).
3. Select the default settings you want for all your applications, then click **OK**.

You can still change the printer settings in your program, if necessary.

Customizing Windows Print Settings

You can use advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects and layouts.

1. On the **Main** tab, click the **Advanced** button in the bottom right corner of the window. The **Basic** settings change to the **Advanced** settings.

2. Select the following advanced settings as necessary:

Select Paper & Quality options as necessary

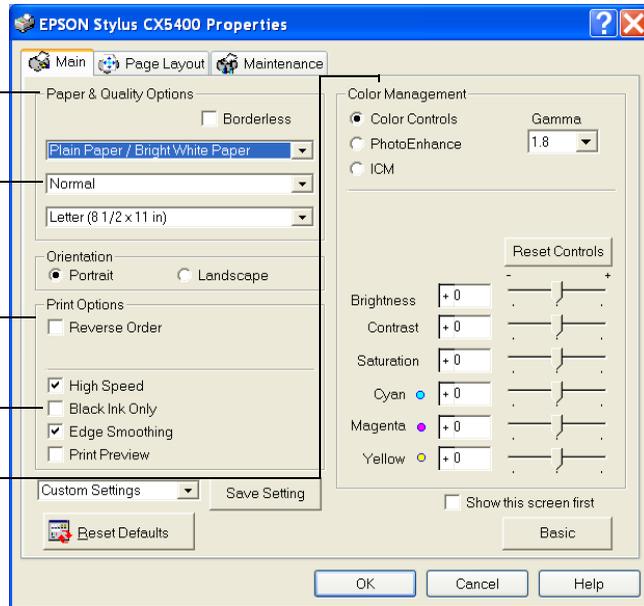
Click here to select **Photo RPM** (5760 × 1440 dpi) for the best print quality on certain paper types

Select Print Options as necessary

Click here to select **Black Ink Only** printing

Select a color management method

To choose **No Color Adjustment**, click **ICM** first



Note: For the highest print quality, select **Photo RPM**. Please note that printing will take longer in this mode.

For more information about advanced settings, or instructions on saving them as a group so you can reuse them later, click the **Help** or **?** button. If you want to use the Advanced screen each time you access your printer settings, select the **Show this screen first** checkbox.

3. Once you've finished selecting advanced settings, you can:

- Click **OK** to save your settings, return to the Print window, and print.
- Click the **Basic** button to return to the Basic settings.
- Click the **Page Layout** tab and continue with step 4 to select layout options.

4. Select the following page layout settings as necessary:

Select image or document position options here

Select image or document resizing options here; these affect only your printed image

Add a watermark to your printed page here

Select multi-page document options here and here

To print a large image on several sheets to make a poster, select settings here

Note: For more information on page layout settings, click the **Help** or **?** button.

5. Click **OK** to save your settings, return to the Print window, and print.

Printing BorderFree Photos (Windows)

You can print your photos with no margins, extending the image all the way to the edges of the page. Although BorderFree printing is a bit slower (especially near the edges), you get beautiful snapshots or enlargements, without trimming.

BorderFree printing supports the following paper types and sizes:

EPSON paper name	Sizes	Menu setting	Type or Media Type setting
Photo Paper or Glossy Photo Paper	4 × 6	Photo Paper	Glossy Photo Paper
Matte Paper Heavyweight	8 × 10	Matte Paper HW	Matte Paper - Heavyweight
DURABrite Ink Glossy Photo Paper	4 × 6	DB Photo Paper	DURABrite Ink Glossy Photo Paper

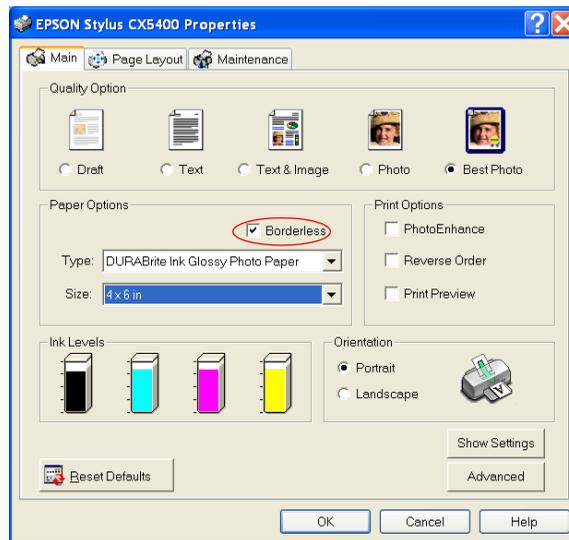
Note: For instructions on loading special paper, see [Special Papers](#).

You can print BorderFree photos using the EPSON Stylus CX5400 menus and buttons or your printer software.

To use the menus and buttons, follow the instructions in Copying Without the Computer and select **Border Free** as the Copy Mode setting, as described in Changing Copy Settings.

To use your printer software, follow these steps:

1. Start your printing application and open your photo file.
2. Access the printer settings window (see Printing From an Application).
3. Select **Photo** or **Best Photo** as the Quality Type setting.
4. Select your paper type as the **Type** setting.
5. Click the **Borderless** checkbox, then select your paper size as the **Size** setting.



6. Select **Portrait** or **Landscape** as the Orientation setting.
7. Click **OK**.
8. Click **OK** or **Print**.

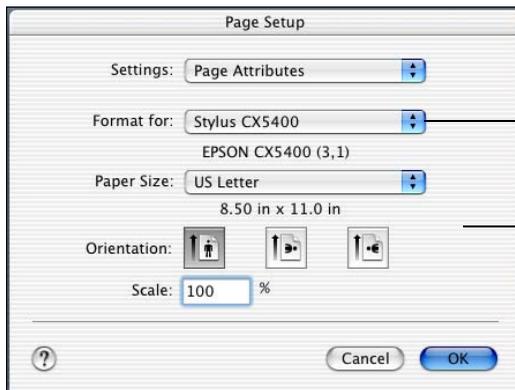
Printing With Macintosh OS X

- [Customizing Print Settings \(Mac OS X\)](#)
- [Printing BorderFree Photos \(Macintosh OS X\)](#)

If you're using an OS X compatible printing application, follow the steps below to print a document. (If you're using an application that's compatible only with Macintosh Classic mode, follow the steps in [Printing With Macintosh OS 8.6 to 9.x](#) instead.)

Before you begin, make sure you added your printer to Print Center as described on the *Start Here* sheet.

1. From the File menu, select **Page Setup**.
2. Select the following Page Setup settings as necessary:



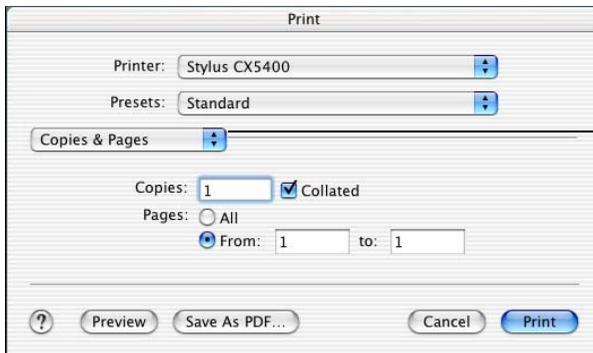
Select CX5400 from the Format for pop-up menu

Select the Paper Size, Orientation, and any other settings you want to use

If you want to print a borderless photo, follow the instructions in [Printing BorderFree Photos \(Macintosh OS X\)](#).

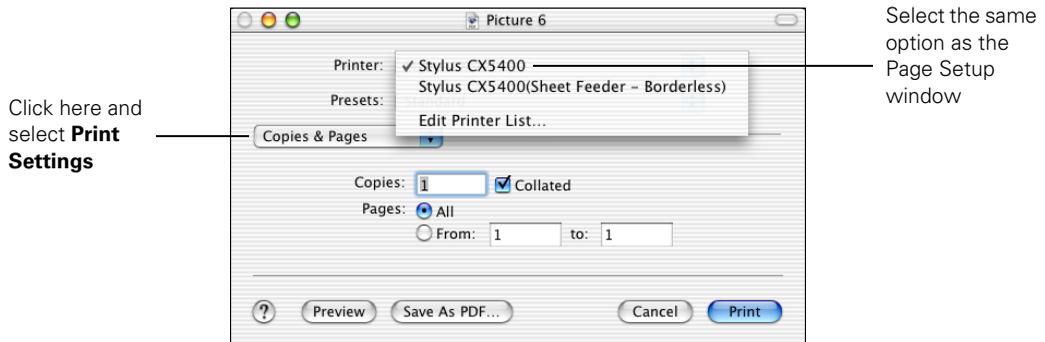
3. When you're finished, click **OK**.

4. Select **Print** from the File menu. You see a screen like this:



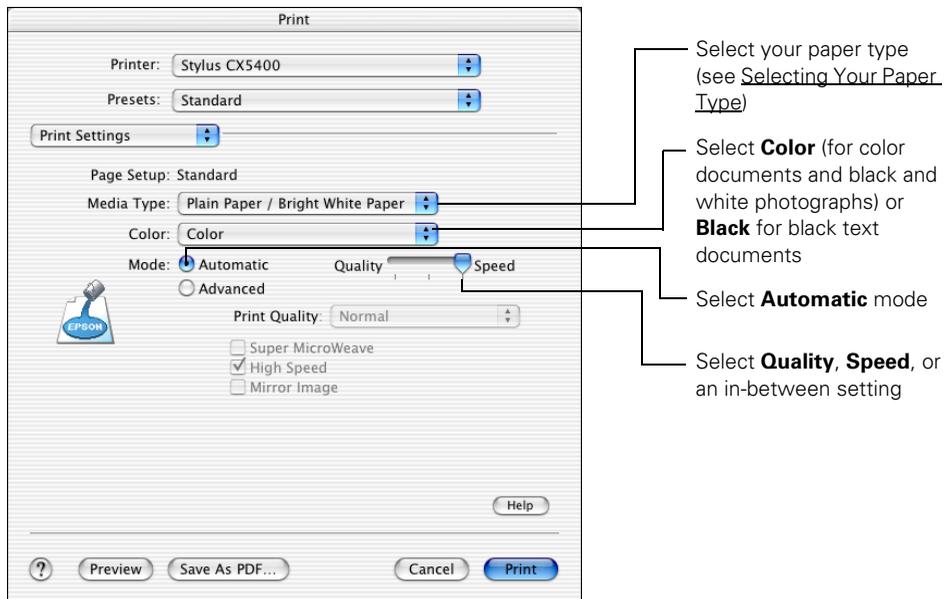
Click here and select **Print Settings**

5. Make sure to select the same option in the Printer pull-down menu as you selected in the Page Setup window. For example, if you selected **Stylus CX5400 (Sheet Feeder - Borderless)**, be sure to choose that exact setting in the Print window too.



6. Select **Print Settings** from the pull-down menu.

7. Select the following Print Settings as necessary:



Note: The Quality setting on this screen gives you the best combination of quality and print speed for most prints. For the highest print quality on selected papers, click the **Advanced** button and see [Customizing Print Settings \(Mac OS X\)](#). For more information about printer settings, click **Help**.

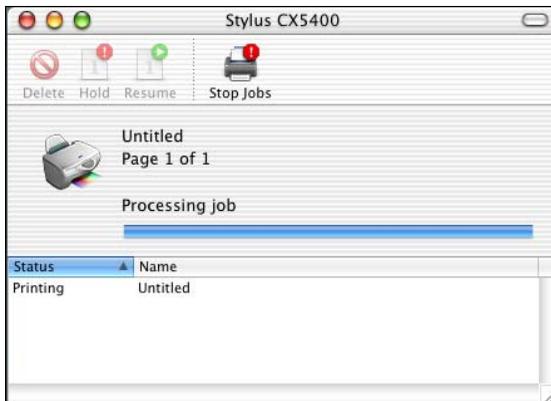
8. You can also choose other print settings by selecting these options in the pull-down menu:

- **Copies & Pages**, to select the number of copies or a page range
- **Layout**, to select page layout options
- **Output Options**, to save your print job as a PDF file
- **Color Management**, to select ColorSync[®], adjust the color controls, change the gamma setting, or turn off color adjustments by the printer software
- **Summary**, to view a list of all your selections

9. Click **Print**.

10. To monitor the progress of your print job, click the  **Print Center** icon when it appears in the dock on the bottom of your desktop.

11. Double-click your printer in the Printer List window. You see a screen like this:



12. Monitor the progress of your print job or do one of the following:

- Click the print job, then click **Delete** to delete the job
- Click the print job, then click **Hold** to pause printing
- Click a print job marked “Hold” and click **Resume** to resume printing
- If multiple print jobs are listed, click a print job, then click the **Priority** arrow as necessary to reorder the jobs

13. When you’re finished, close Print Center.

Customizing Print Settings (Mac OS X)

You can use advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects and layouts.

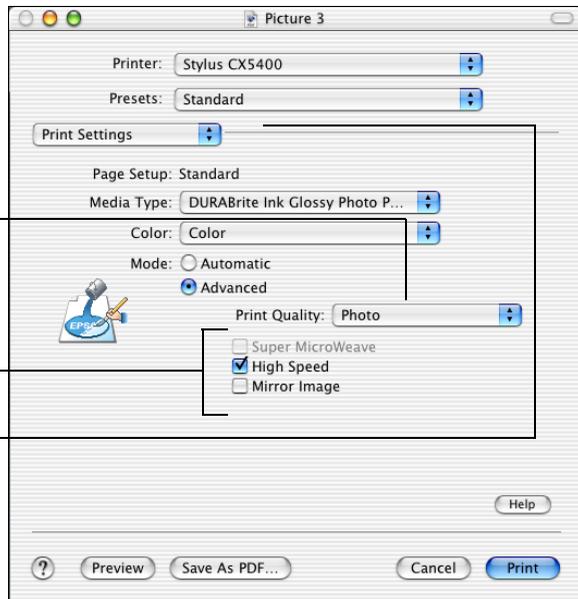
1. Open the Print Settings window and click **Advanced**.

2. Select these advanced settings as necessary:

Click here to select **Photo RPM** (5760 × 1440 dpi) for the best print quality on certain paper types

Select various print options here

To select color management settings, select **Color Management** from the Print Settings pull-down menu



Note: For the highest print quality, select Photo RPM. Please note that printing will take longer in this mode.

For more information on advanced settings, or instructions on saving them as a group so you can reuse them later, click **Help**.

3. Click **Print**.

Printing BorderFree Photos (Macintosh OS X)

You can print your photos with no margins, extending the image all the way to the edges of the page. Although BorderFree printing is a bit slower (especially near the edges), you get beautiful snapshots or enlargements, without trimming.

BorderFree printing supports the following paper types and sizes:

EPSON paper name	Sizes	Menu setting	Type or Media Type setting
Photo Paper or Glossy Photo Paper	4 × 6	Photo Paper	Glossy Photo Paper

EPSON paper name	Sizes	Menu setting	Type or Media Type setting
Matte Paper Heavyweight	8 × 10	Matte Paper HW	Matte Paper - Heavyweight
DURABrite Ink Glossy Photo Paper	4 × 6	DB Photo Paper	DURABrite Ink Glossy Photo Paper

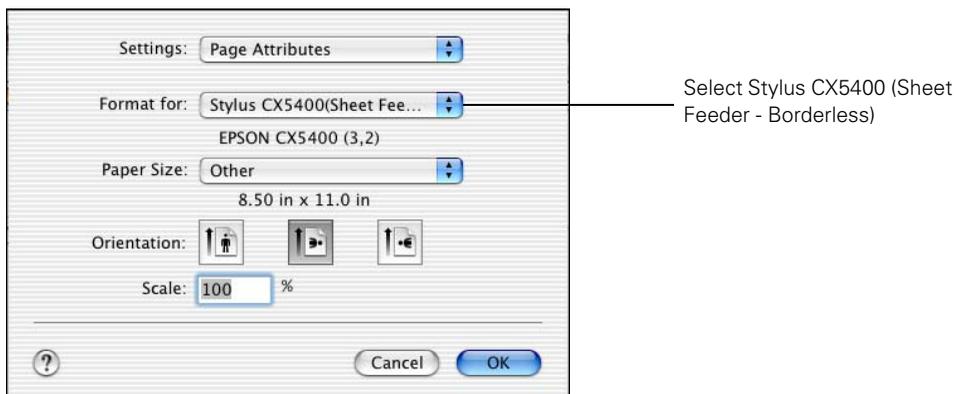
Note: For instructions on loading special paper, see [Special Papers](#).

You can print BorderFree photos using the menus and buttons on the Stylus CX or your printer software.

To use the menus and buttons, follow the instructions in [Copying Without the Computer](#) and select **Border Free** as the Copy Mode setting, as described in [Changing Copy Settings](#).

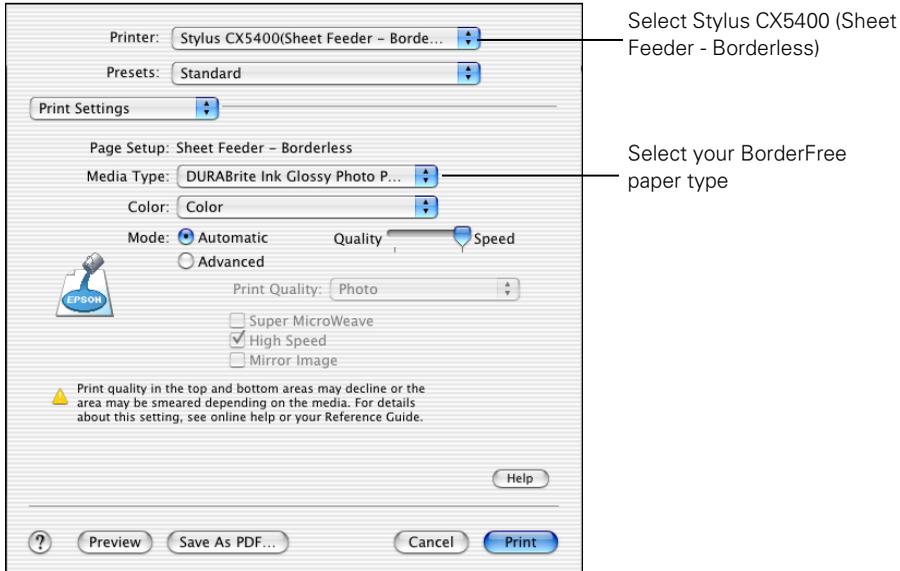
To use your printer software, follow these steps:

1. Start your printing application and open your photo file.
2. Click File > Page Setup.
3. Select **Stylus CX5400 (Sheet Feeder - Borderless)** from the Format for pull-down menu.



4. Select your paper size as the **Paper Size** setting.
5. If necessary, select your page orientation:  for documents that are longer than they are wide, or  or  for documents that are wider than they are long.
6. Click OK.

7. Click **File > Print**.
8. Select **Print Settings** from the pull-down menu.
9. Select **Stylus CX5400 (Sheet Feeder - BorderFree)** from the Printer pull-down menu. Always check to make sure you selected the same setting you chose in the Page Setup window.



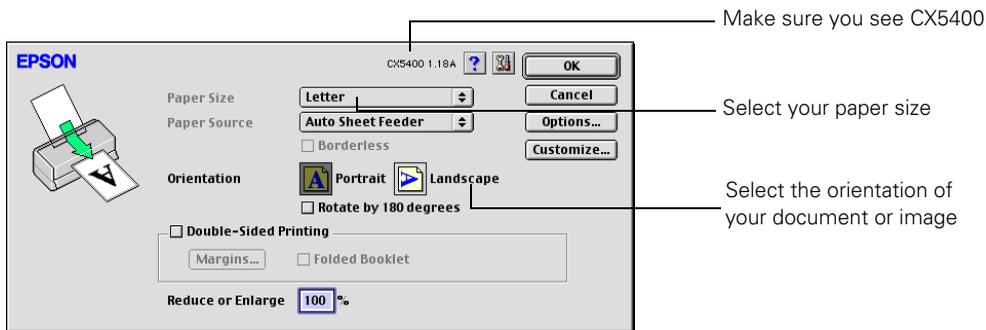
10. Select your paper type as the **Media Type** setting.
11. Click **Print**.

Printing With Macintosh OS 8.6 to 9.x

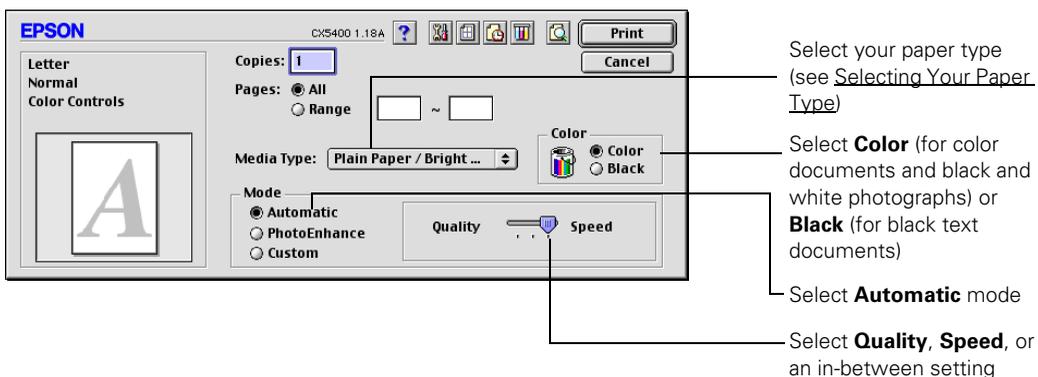
- [Customizing Print Settings \(Mac OS 8.6 to 9.x\)](#)
- [Printing BorderFree Photos \(Mac OS 8.6 to 9.x\)](#)

Before you begin, make sure you selected your printer in the Chooser as described on the *Start Here* sheet.

1. From the File menu, select **Page Setup**. Select the following settings:



2. Click **OK** to close the Page Setup window.
3. From the File menu, select **Print**. Select the following settings:



Note: The Quality setting on this screen gives you the best combination of quality and print speed for most prints. For the highest print quality (Photo RPM) on selected papers, click **Custom** and click the **Advanced** button. Then see [Customizing Print Settings \(Mac OS 8.6 to 9.x\)](#) for instructions on selecting Photo RPM.

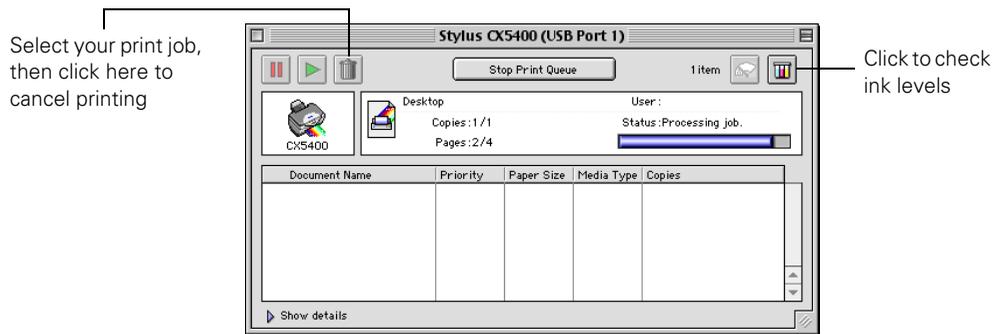
For more information about printer settings, click the **?** button.

4. You can also do the following:
 - Click to reduce/enlarge your printed image, print multi-page layouts, or add a watermark.

- Click  to control background printing and schedule print jobs.
- Click , then click **Preview** to preview your printout.
- Click  to check your ink levels.

5. Click **Print**.

6. If you turned on background printing, you can select **EPSON Monitor IV** from the Application menu in the upper right corner of the screen. You see the EPSON Monitor window:

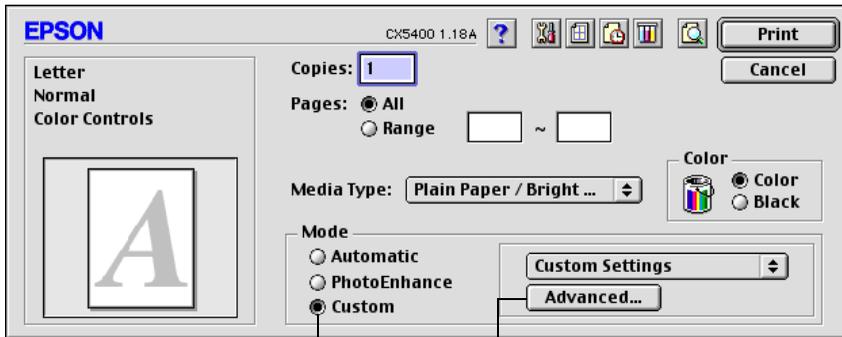


Note: If you're not using background printing and you need to cancel printing, hold down the **⌘** key and press the **.** (period) key.

Customizing Print Settings (Mac OS 8.6 to 9.x)

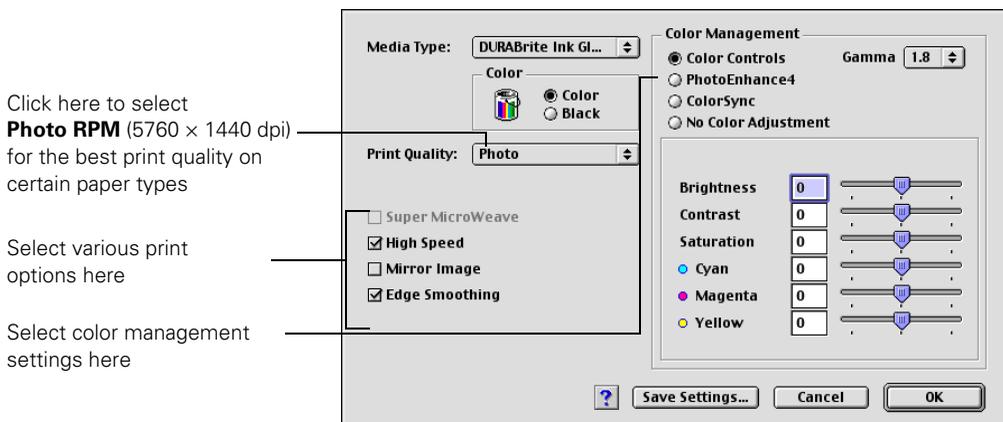
You can use advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects and layouts.

1. To access advanced settings, click **Custom**, then click **Advanced**.



Click Custom, then click Advanced

2. Select these advanced settings as necessary:



Click here to select **Photo RPM** (5760 × 1440 dpi) for the best print quality on certain paper types

Select various print options here

Select color management settings here

Note: For the highest print quality, select Photo RPM. Please note that printing will take longer in this mode.

For more information on advanced settings, or instructions on saving them as a group so you can reuse them later, click ?.

3. Click **OK** to save your settings, then click **Print**.

Printing BorderFree Photos (Mac OS 8.6 to 9.x)

You can print your photos with no margins, extending the image all the way to the edges of the page. Although BorderFree printing is a bit slower (especially near the edges), you get beautiful snapshots or enlargements, without trimming.

BorderFree printing supports the following paper types and sizes:

EPSON paper name	Sizes	Menu setting	Type or Media Type setting
Photo Paper or Glossy Photo Paper	4 × 6	Photo Paper	Glossy Photo Paper
Matte Paper Heavyweight	8 × 10	Matte Paper HW	Matte Paper - Heavyweight
DURABrite Ink Glossy Photo Paper	4 × 6	DB Photo Paper	DURABrite Ink Glossy Photo Paper

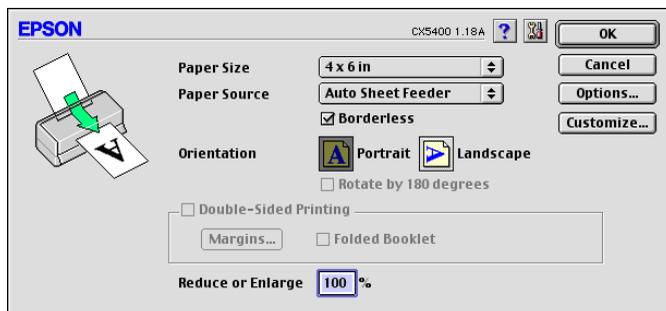
Note: For instructions on loading special paper, see [Special Papers](#).

You can print BorderFree photos using the menus and buttons on the Stylus CX or your printer software.

To use the menus and buttons, follow the instructions in [Copying Without the Computer](#) and select **Border Free** as the Copy Mode setting, as described in [Changing Copy Settings](#).

To use your printer software, follow these steps:

1. Start your printing application and open your photo file.
2. Click **File > Page Setup**.
3. Click the **Borderless** checkbox, then select your paper size as the **Paper Size** setting.



4. Select **Portrait** or **Landscape** as the **Orientation** setting.
5. Click **OK**.
6. Click **File > Print**.
7. Select your paper type as the **Media Type** setting.
8. Click **Print**.

Selecting Your Paper Type

Select the correct **Type** or **Media Type** setting so your printer knows what kind of paper you're using and adjusts the ink coverage accordingly.



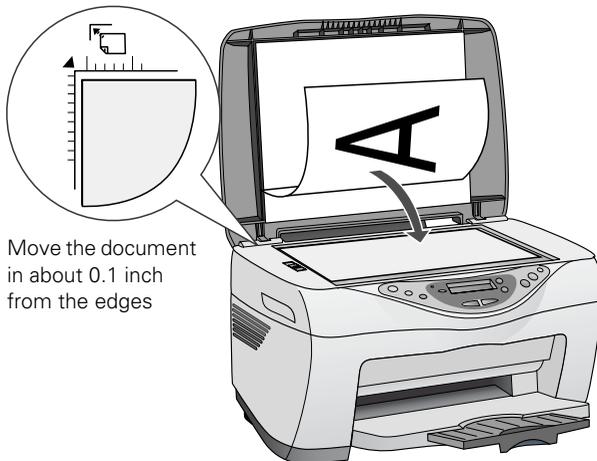
For this paper	Select this Type or Media Type setting
Plain paper sheets or envelopes EPSON Premium Bright White Paper	Plain Paper/Bright White Paper
EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Matte Paper Heavyweight EPSON Double-Sided Matte Paper	Matte Paper - Heavyweight
EPSON DURABrite Ink Glossy Photo Paper	DURABrite Ink Glossy Photo Paper
EPSON Photo Paper EPSON Glossy Photo Paper	Glossy Photo Paper
EPSON Ink Jet Transparencies	Ink Jet Transparencies

Scanning

- [Placing Your Original Document](#)
- [Using EPSON Smart Panel](#)
- [Scanning to a File](#)
- [One-Touch Scanning](#)
- [Advanced Scanning With EPSON Scan](#)

Placing Your Original Document

1. Open the scanner lid.
2. Place your document face-down on the glass, in the upper left corner. Move your document about 0.1 inch from the top and side edge so your entire document is scanned.



3. Close the scanner lid.

Note: If you place your document against the guides, the edges next to the guides won't be scanned.

If you need to scan a thick document, such as a book, you can remove the scanner lid to scan. Gently press down the original to keep it flat on the document table. Be sure to replace the scanner lid when you're finished.

Using EPSON Smart Panel

EPSON Smart Panel is an easy, step-by-step interface for scanning, copying, and more. You can use it to launch a variety of programs on your computer, as described below, or use it with the EPSON Stylus CX5400 **Scan** button for automatic scanning, as described in [Scanning to a File](#).



Smart Panel Features	Description
 <p>RePrint Photos</p>	<p>Scans and prints photos in various sizes and layouts. Includes Color Restoration.</p>
 <p>Scan and Save</p>	<p>Scan an image or document directly to a file on your hard drive.</p>
 <p>Copy Center</p>	<p>Scans and prints a document with the power and flexibility of a conventional photocopier.</p>
 <p>Copy to Fax</p>	<p>When you install your own fax software, scans your image or document into your PC fax utility.</p>

Smart Panel Features	Description
 <p>Edit Text</p>	<p>Scans text documents and converts them into editable text files on your computer with great accuracy.</p>
 <p>Photo Projects</p>	<p>Scans a photo into ArcSoft® PhotoImpression™ where you can edit, retouch, enhance, and print it with templates, frames, and borders.</p>
 <p>Scan to Application</p>	<p>Scans an image or document and lets you choose which program it launches for handling the scanned file.</p>
 <p>Scan to E-mail</p>	<p>Scans an image or document and attaches it to an e-mail so you can send it right away.</p>
 <p>EPSON Photo Site</p>	<p>Scans an image and uploads it to EPSON's photo-sharing web site.</p>

For details on using all the Smart Panel features, click the ? button in Smart Panel or see the on-screen Smart Panel *User Guide*.

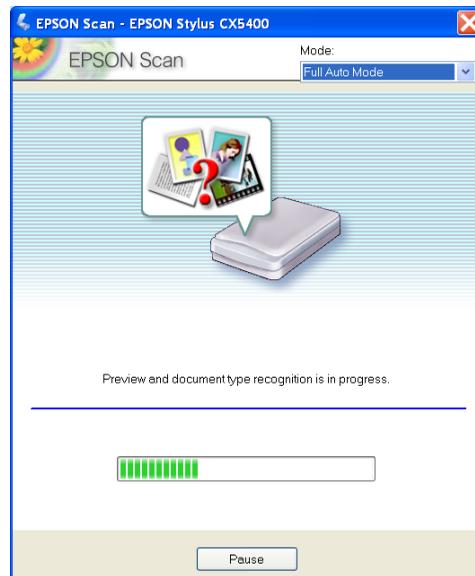
Scanning to a File

1. Place the document face-down on the glass, in the top, left corner as described in Placing Your Original Document.
2. Select the  EPSON Smart Panel icon on your desktop or press the Scan button on the EPSON Stylus CX5400 to open Smart Panel. (To change the application assigned to the Scan button, see One-Touch Scanning.)

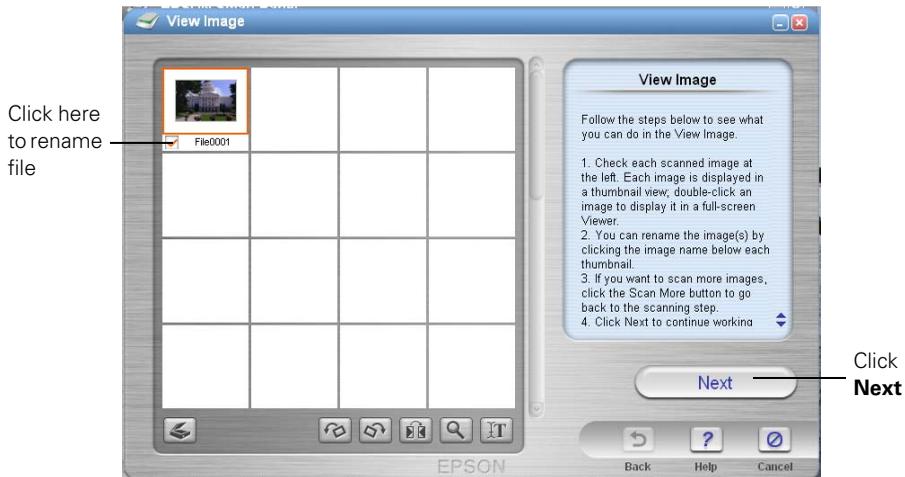
Note: You can also open EPSON Smart Panel in Windows by selecting **Start > All Programs** or **Programs > EPSON Smart Panel > EPSON Smart Panel**. On Macintosh, you can open Smart Panel from the Applications folder.



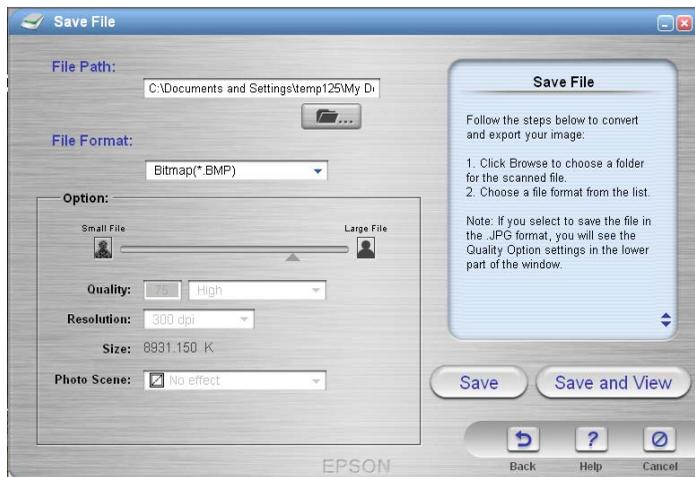
3. Click the **Scan and Save** button. Smart Panel starts EPSON Scan, which automatically scans your document.



4. In the following screen, double-click the photo thumbnail to see an enlarged preview and make sure it scanned properly. To rename the image, click the file name below it and type in a new name.



5. Click Next.



6. Select a file location and file type, then click **Save** to save your file to the location you selected. It's ready to open, print, e-mail, or use as you like.

Note: For instructions on scanning with the other Smart Panel options, select ? in the Smart Panel window.

One-Touch Scanning

You can use your **Scan** button to automatically scan a photo into an imaging application, scan a document to convert it into editable text, or scan to e-mail, print, or fax.

The following example explains how to set up the **Scan** button so you can scan files to e-mail.

1. Place the document face-down on the glass, in the top, left corner as described in [Placing Your Original Document](#).
2. Select the  EPSON Smart Panel icon on your desktop or press the **Scan** button on the EPSON Stylus CX5400.

Note: You can also open EPSON Smart Panel in Windows by selecting **Start > All Programs** or **Programs > EPSON Smart Panel > EPSON Smart Panel**. On Macintosh, you can open Smart Panel from the Applications folder.



3. Select **Scan to E-mail** in the Scan button start list in the bottom left corner of the Smart Panel window. Then exit Smart Panel.
4. Press the **Scan** button on the EPSON Stylus CX5400. Smart Panel starts and EPSON Scan automatically scans your document.
5. Complete your e-mail by entering the address and subject, and adding a message, if you like. Then send your e-mail.

6. To continue one-touch scanning to e-mail, just press the **Scan** button and repeat step 5. To change the program that opens when you press the **Scan** button, select a different option in the Scan button start list on the Smart Panel window, as described in step 3.

Advanced Scanning With EPSON Scan

EPSON Scan provides three scanning modes for progressive levels of control over your scanned image:

- **Full Auto Mode** makes scanning quick and easy, with automatic image type and resolution settings.
- **Home Mode** provides a simple screen giving you automatic image adjustments, previewing and cropping capability, and preset configurations for various types of scans. Includes Color Restoration.
- **Professional Mode** lets you manually configure advanced image settings, including Color Restoration.

Note: EPSON Scan starts in the mode you used last, but you can change the mode at any time.

You can scan from any TWAIN-compliant application—such as Adobe® Photoshop®—using EPSON Scan. Or you can start EPSON Scan directly from your computer.

1. Place your document or photo face-down on the glass, in the top, left corner as described in [Placing Your Original Document](#). You can also place additional small documents or photos and scan them at the same time.
2. Start your application, then go to step 3.

Or do one of the following:

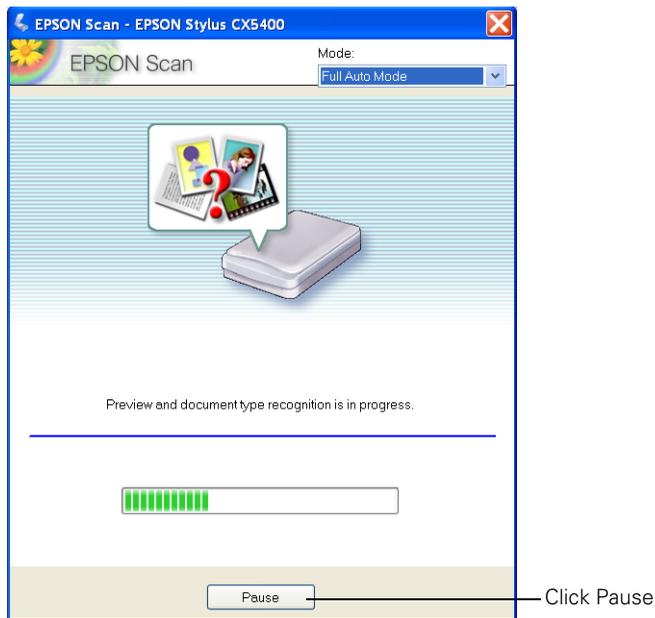
- On Macintosh, double-click **EPSON Scan** in the Applications folder and go to step 4.
- In Windows, select **Start > All Programs** or **Programs > EPSON Scan** and go to step 4.

3. Open the File menu and choose **Import** or **Acquire** and select **EPSON Stylus CX5400**.

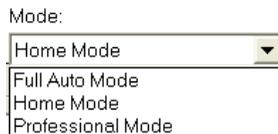


EPSON Scan starts previewing your image in Full Auto Mode.

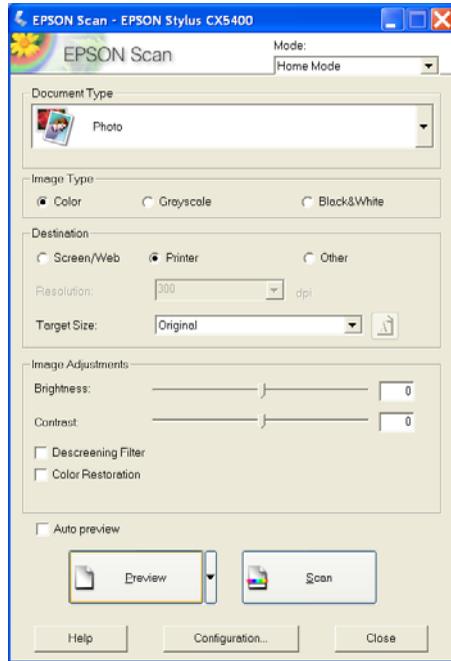
4. To switch modes, click the **Pause** button at the bottom of the screen.



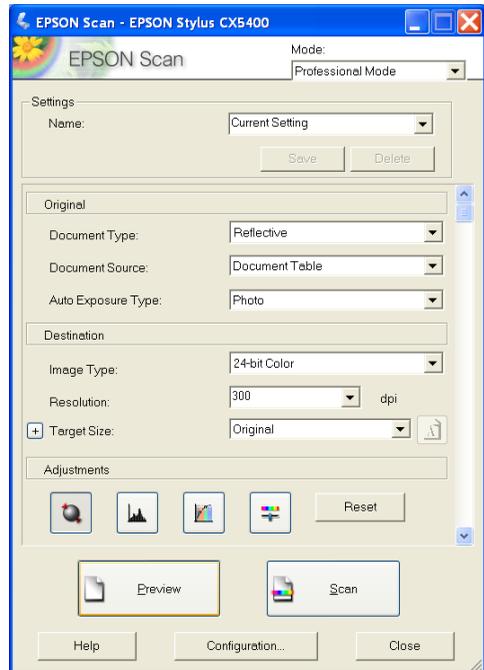
5. Select **Home Mode** or **Professional Mode** from the Mode pull-down menu at the top of the screen.



EPSON Scan previews your image and displays the screen for the mode you chose.

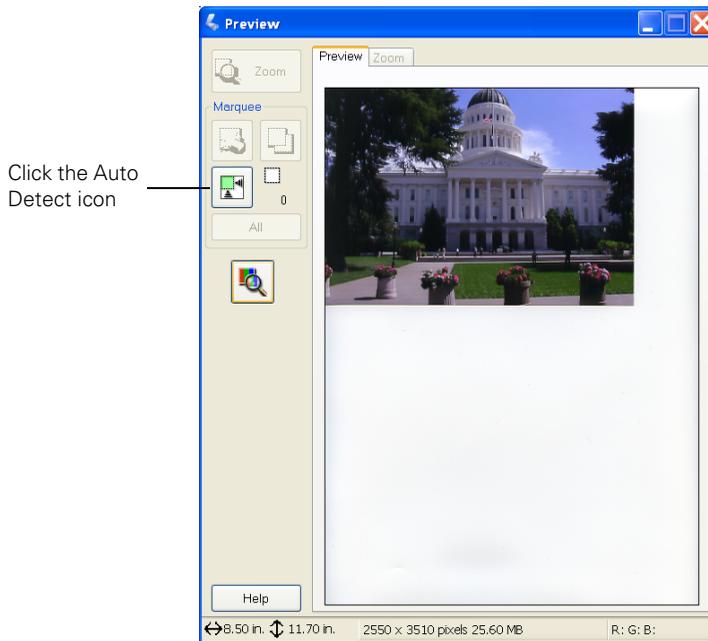


Home Mode



Professional Mode

6. If you don't see an automatic preview of your scan to the right of the EPSON Scan window, click the **Preview** button. After a moment, your image appears in the Preview window.



Note: If you placed more than one document or photo on the document table, you see multiple images in the preview window.

7. Click the  Auto Detect icon to crop the scan to the edges of your image, creating a movable outline called a “marquee.” If you're scanning more than one image, the marquee surrounds all of them. (For information on adjusting the marquee, see [Adjusting the Scan Area \(Marquee\)](#).)

Note: If your Home Mode preview image has a blue box around it, you're previewing in Thumbnail mode and can't create a marquee. Click the arrow beside the **Preview** button and select **Normal** from the menu that appears. Click the **Preview** button again to preview in normal mode.

8. Choose **Document Type**, **Image Type**, and **Destination** settings that match the type of image you're scanning and the way you want to print or view it. (Click **Help** on the EPSON Scan screen for detailed information about all the available settings.)

Note: The Document Type you select determines the other options that appear in the EPSON Scan window.

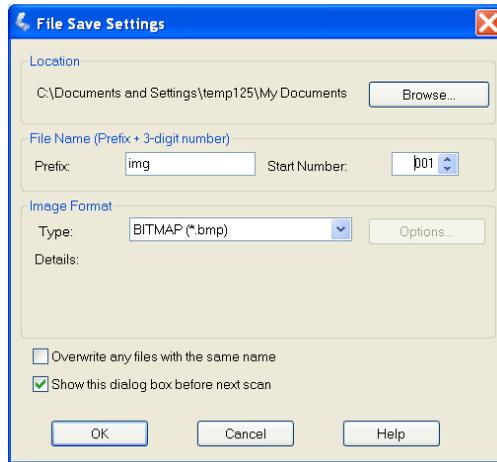
9. Size and adjust your image settings as necessary.

To improve the color of faded photos or negatives, click the **Color Restoration** checkbox. If you're using Professional mode, you may have to scroll to the bottom of the screen.

10. Click the **Scan** button.

If you scanned from an application like Photoshop, your scanned image opens in your application window.

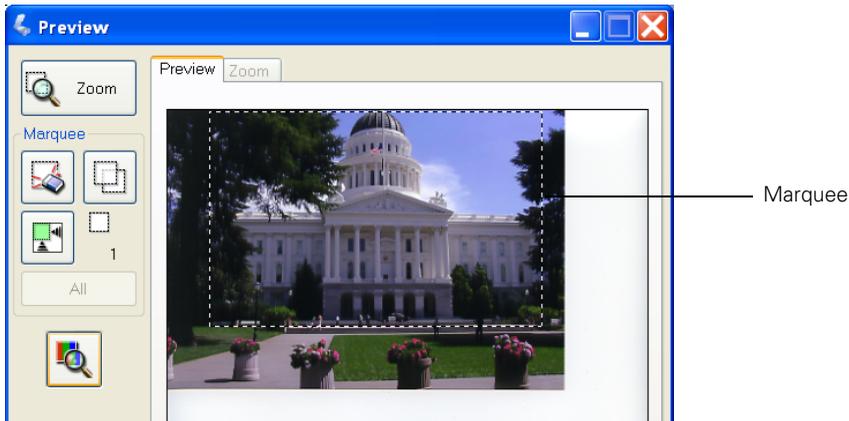
If you opened EPSON Scan from the Applications folder, you see a File Save Settings window. Type a name for your file in the Prefix box, select a file format in the Type box, and click **OK**.



11. Click **Close** to exit EPSON Scan.

Adjusting the Scan Area (Marquee)

Once you create a marquee on your preview image, you can use it to crop the area you want to scan. You can create a marquee on each preview image, if you're scanning more than one at a time.



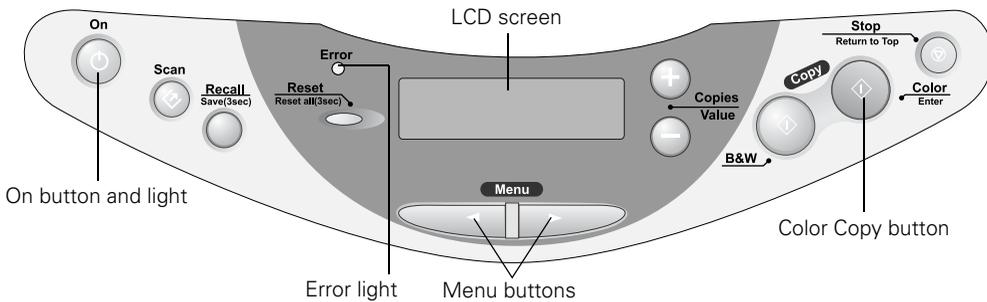
- To move the entire marquee, click inside the outlined area and drag the marquee to where you want it.
- To resize the marquee, click on one of the edges or corners and drag the marquee to the size you want.
- To create additional marquees on multiple images, click the next image, then click the  Duplicate button. Then adjust the marquees as described above.
- To delete a marquee, click the  Delete button.
- To start over with a new marquee, click the  Auto Detect button.

Cleaning the Print Head

If your printouts are unexpectedly light, or dots or lines are missing, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Print head cleaning uses ink, so clean it only if quality declines.

Note: You can also use a printer software utility to clean the print head right from your computer. Select the **?** or **Help** button on your printer settings window for instructions running the print head cleaning utility.

1. Make sure the EPSON Stylus CX5400 is turned on but not printing, and the **Error** light is off. (If the **Error** light is flashing or on, you may need to replace an ink cartridge; see [Replacing an Ink Cartridge](#) for details.)



2. Press the left **Menu** button until you see **Head Cleaning** on the LCD screen.
3. Press the **Color Copy** button.

Cleaning takes about 30 seconds, during which the EPSON Stylus CX5400 makes some noise and the **On** light flashes briefly.

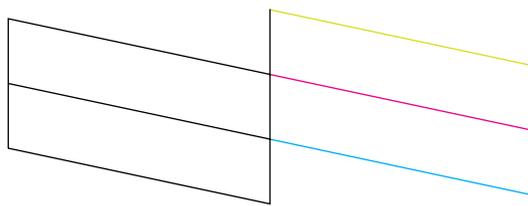
Caution: Never turn off the EPSON Stylus CX5400 while the **On** light is flashing, unless the Stylus CX hasn't moved or made noise for more than 5 minutes.

4. When the **On** light stops flashing, run a nozzle check to confirm the print head nozzles are clean.

Make sure paper is loaded. Press the left **Menu** button until you see **Nozzle Check** on the LCD screen, then press the **Color Copy** button. The nozzle check pattern prints.

Note: You can also use a printer software utility to print a nozzle check right from your computer. Select the **?** or **Help** button on your printer settings window for instructions on running the nozzle check utility.

5. Examine the nozzle check pattern you print. It should look something like this:



Each line should be complete, with no gaps in the dot pattern. If your printout looks okay, you're done.

If you see any gaps in the dot pattern, clean the print head again.

If you don't see any improvement after cleaning three or four times, check the solutions in [Solving Problems](#). You can also turn the EPSON Stylus CX5400 off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

Caution: When you don't turn on your EPSON Stylus CX5400 for a long time, the print quality can decline. It's a good idea to turn it on at least once a month to maintain good print quality.

Purchasing Ink Cartridges

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

- Black ink cartridge: T0321
- Cyan ink cartridge: T0422
- Magenta ink cartridge: T0423
- Yellow ink cartridge: T0424

Caution: To ensure good results, use genuine EPSON ink cartridges and do not refill them. Other products may cause damage to your EPSON Stylus CX5400 not covered by EPSON's warranty.

To get the best prints and copies, use genuine EPSON ink and paper. You can purchase ink cartridges, paper and accessories from your local retailer. Please call (800) 463-7766 to locate a retailer near you.

Replacing an Ink Cartridge

- [Checking the Ink Supply](#)
- [Ink Cartridge Precautions](#)
- [Removing and Installing Ink Cartridges](#)

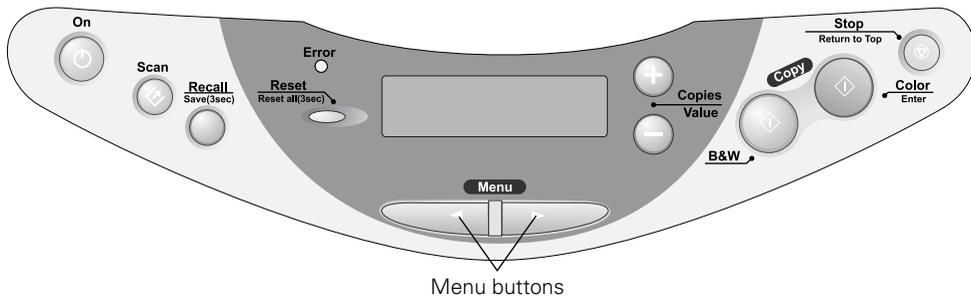
Checking the Ink Supply

If the **Error** light on the EPSON Stylus CX5400 is flashing and you see an ink low or ink out message on the LCD screen and your computer monitor, you need to replace one of the cartridges.

When a cartridge is more than six months old, you may need to replace it if printouts don't look their best. If the quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge.

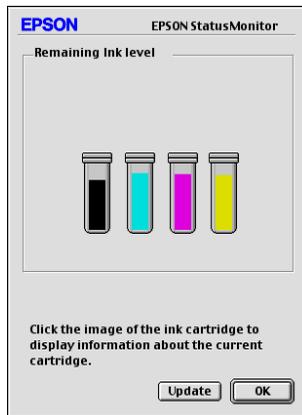
To check your ink supply, do one of the following:

- Press the left **Menu** button until you see **Ink Levels**. This gives you an approximate percentage of ink remaining in each cartridge. You can also check the  icon on the LCD screen to see an approximate indication of the ink level.
- **Windows:** Double-click the  printer icon in the lower right corner of your screen. If a cartridge is low on ink, you'll see a message in the window that appears on your screen.
- **Macintosh:**
OS 8.6 to 9.x: Choose **File > Print**. Click the  ink icon.



OS X: Choose Applications > EPSON Printer Utility > CX5400 > Status Monitor.

You see a window like this:



Click a cartridge image to display information about the cartridge.

Ink Cartridge Precautions

Warning: 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. If ink gets in your eyes, flush them thoroughly with water.

Caution: To avoid damaging the EPSON Stylus CX5400, never move the print head by hand.

You cannot print if any ink cartridge is empty. Leave the empty cartridge installed in the EPSON Stylus CX5400 until you have obtained a replacement. Otherwise the ink remaining in the print head nozzles may dry out.

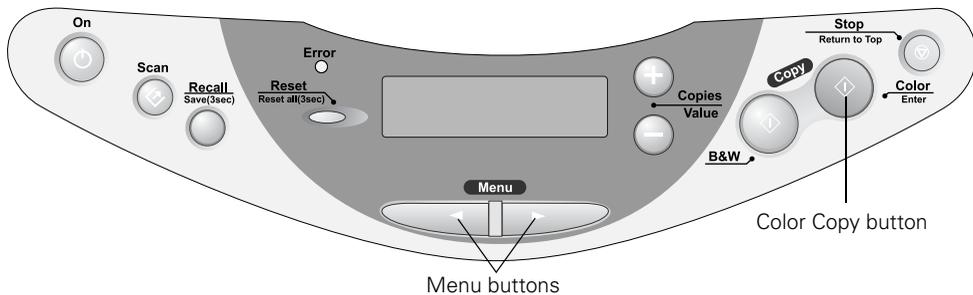
Removing and Installing Ink Cartridges

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.

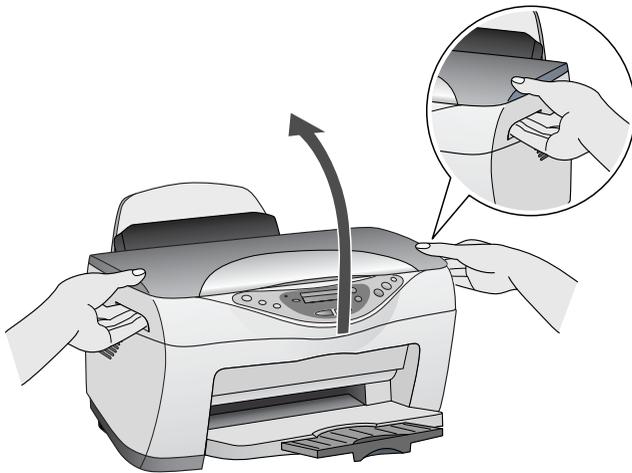
1. Make sure the EPSON Stylus CX5400 is turned on and not printing. The LCD screen tells you which ink cartridge is low or empty.
2. If your EPSON Stylus CX5400 is low on ink, press the left **Menu** button until you see **Change Cartridge**, then press the **Color Copy** button.

If your EPSON Stylus CX5400 is out of ink, press the **Color Copy** button.

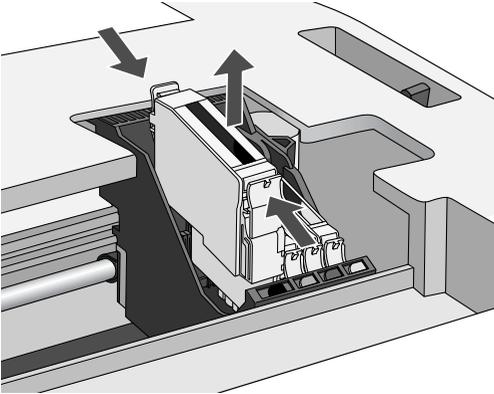
The ink cartridges move to the replacement position.



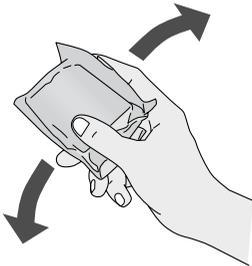
3. Lift up the scanner.



4. Pinch the tabs on the front and back of the cartridge, lift it out of the printer, and dispose of it carefully.

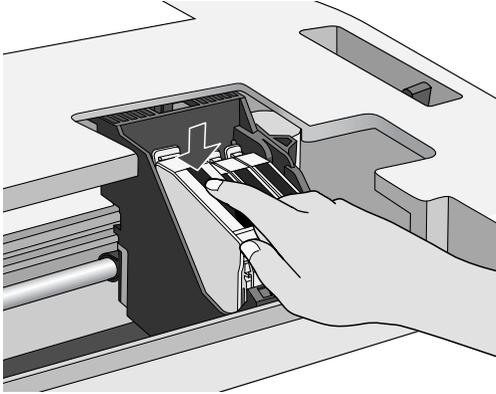


5. Before you remove the new cartridge from its package, shake it four or five times.



6. Unwrap the new ink cartridge and lower it into its holder, then press down on the top of the cartridge until it clicks in place.

Caution: Don't touch the green circuit board on the back of the cartridge; you may inhibit normal operation and printing.



If you need to replace other ink cartridges, repeat steps 4 through 6 before continuing with step 7.

7. Carefully lower the scanner and press it down until it clicks into place. The EPSON Stylus CX5400 begins charging the ink delivery system.

The **On** light flashes and the EPSON Stylus CX5400 makes noise. Charging takes about 30 seconds. When it's finished, the **On** light stops flashing and stays on.

Caution: Never turn off the EPSON Stylus CX5400 while the **On** light is flashing, unless the Stylus CX hasn't moved or made noise for more than 5 minutes.

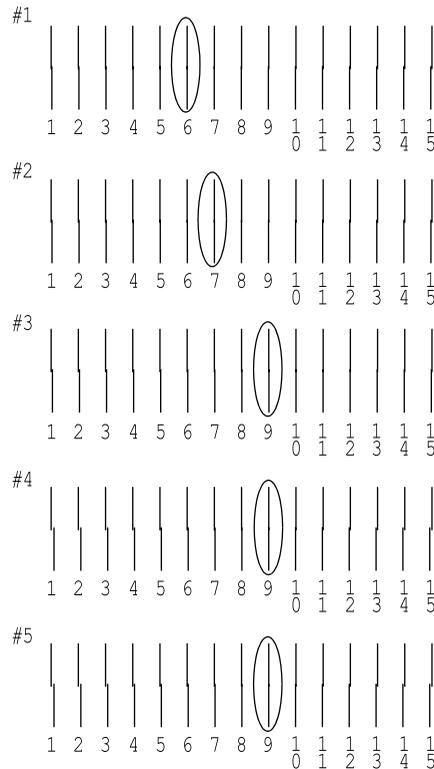
Aligning the Print Head

If your printouts look grainy or vertical lines appear jagged, you may need to align the print head.

Note: You can also use a printer software utility to align the print head right from your computer. Select the **?** or **Help** button on your printer settings window for instructions running the print head alignment utility.

1. Make sure the EPSON Stylus CX5400 is turned on and not printing, and the **Error** light is off.
2. Load a stack of plain, letter-size paper in the sheet feeder.

- Press the left **Menu** button until you see **Head Alignment**, then press the **Color Copy** button to print the first alignment page.
- On the test page, select the pattern with the two vertical lines most precisely printed on top of each other. You may need to use a magnifying glass or loupe.



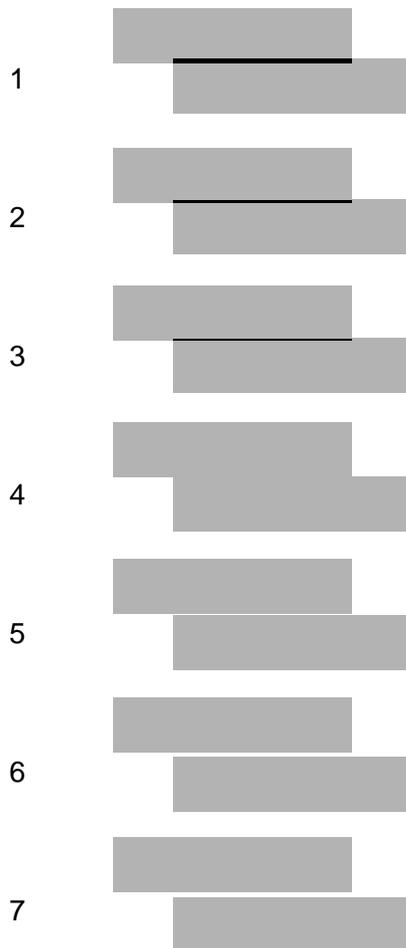
Select one pattern each for rows 1, 2, 3, 4, and 5. (In this example, the best pattern in each row has been circled.)

- Press the **+** or **- Value** buttons to select the number of the best pattern for the first row, then press the **Color Copy** button. Repeat this step for the second, third, fourth, and fifth rows.

Note: If you select a pattern other than 8 in any row, that pattern becomes pattern #8 the next time you align the print head.

- When you're finished, press the **Color Copy** button to print the second alignment sheet.

7. On the test page, select the pair of horizontal bars with the least noticeable light or dark band between them. You may need to use a magnifying glass or loupe.

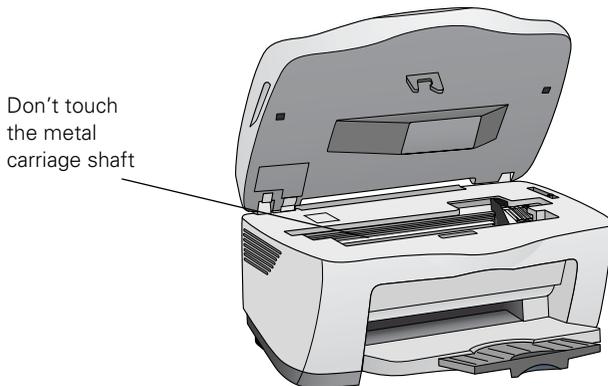


8. Press the **+** or **- Value** buttons to select the number of the best pattern, then press the **Color Copy** button. (In this example, pattern 4 is best.)
9. When you're finished, press the **Color Copy** button to print the third alignment sheet.
10. Repeat steps 7 through 8 to complete the alignment process.

Cleaning the Stylus CX

To keep your EPSON Stylus CX5400 operating at its best, you should clean it periodically.

1. Turn off the EPSON Stylus CX5400, unplug the power cord, and disconnect the USB cable.
2. Remove all the paper from the sheet feeder.
3. Clean the exterior with a soft, damp cloth. (Keep the scanner and scanner lid closed as you clean.)
4. If necessary, lift up the scanner and clean ink out of the interior with a soft, damp cloth.



5. Carefully lower the scanner and press it down until it clicks into place.
6. If the document table glass gets dirty, clean it with a soft, dry, lint-free cloth. Paper towels are not recommended for cleaning the glass. (Be sure there's no dust on your document table; it can cause white spots to appear in your scanned image.)

If the glass is stained with grease or other hard-to-remove material, use a small amount of glass cleaner on a soft cloth to remove it. Wipe off any remaining liquid with a dry cloth. Don't spray glass cleaner onto the document table glass.

Warning: Don't touch the gears inside the EPSON Stylus CX5400.

Caution: Be careful not to wipe the metal carriage shaft.

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

Don't get water on the components and don't spray lubricants or oils inside the EPSON Stylus CX5400.

Don't spray glass cleaner onto the document table glass.

Don't use any cleaning sheets included with special paper; they may jam inside the EPSON Stylus CX5400.

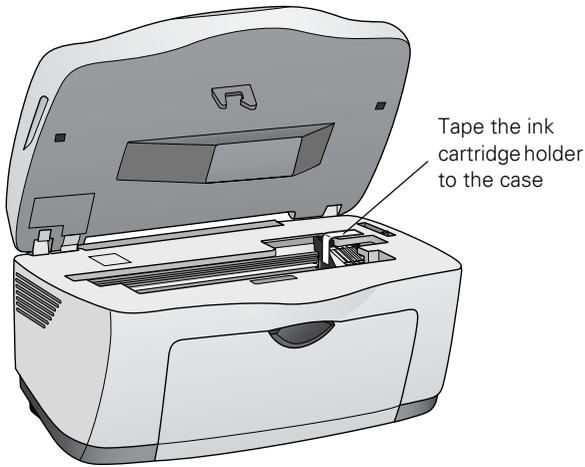
Transporting the Stylus CX

If you move your EPSON Stylus CX5400 some distance, you need to prepare it for transportation in its original box or one of a similar size.

Caution: To avoid damage, always leave the ink cartridges installed when transporting the EPSON Stylus CX5400. Never transport or store the Stylus CX on its side or in a tilted or upside-down position.

1. Press the **On** button to turn on the Stylus CX. Wait until the scanner carriage moves to the home position (toward the left side) and the print head locks in the far right position. Then turn it off.
2. Open the scanner lid and slide the transportation lock to the  locked position.
3. Unplug the power cord from the electrical outlet. Then disconnect the USB cable.
4. Remove any paper from the sheet feeder and output tray, then remove the paper support and feeder guard.
5. Close the output tray and its extension.
6. Lift up the scanner.

7. Tape the ink cartridge holder to the EPSON Stylus CX5400 case.



Caution: Be sure to remove the tape after installing the EPSON Stylus CX5400 in its new location.

8. Close the scanner carefully until it clicks back into place, then close the output tray.
9. Repack the EPSON Stylus CX5400 and its attachments in the original box using the protective materials that came with them.

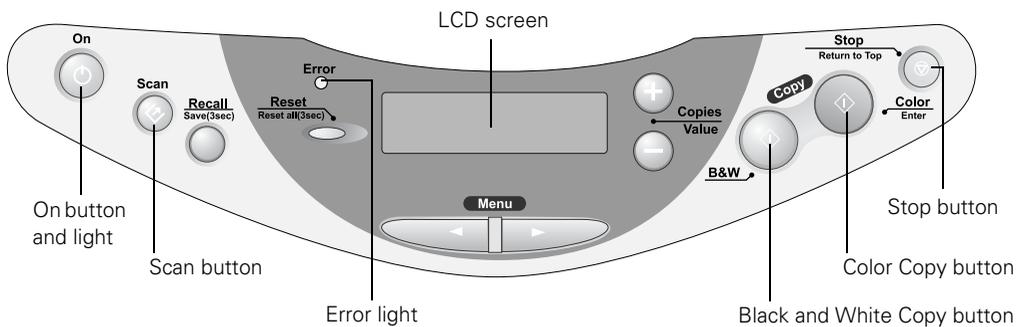
Keep the EPSON Stylus CX5400 level as you transport it.

After transporting the EPSON Stylus CX5400, remove the tape securing the print head, unlock the transportation lock, and make a test copy. If you notice a decline in quality, clean the print head (see [Cleaning the Print Head](#)); if output is misaligned, align the print head (see [Aligning the Print Head](#)).

Solving Problems

- [Checking the LCD Screen](#)
- [Printing a Nozzle Check](#)
- [Setup and Software Installation Problems](#)
- [Printing and Copying Problems](#)
- [Scanning Problems](#)
- [Paper Feed Problems](#)
- [Print Quality Problems](#)
- [Miscellaneous Printing Problems](#)
- [Scan Quality Problems](#)

Checking the LCD Screen



Here is a list of error messages that appear on the LCD screen and what you should do when you see them.

Error message	Solution
Quality&Paper setting is not acceptable for B&W copy. Press the Stop button.	Press the Stop button, then change the Quality&Paper settings. You can't copy in black and white on photo paper.

Error message	Solution
No XXX ink cartridge --- > Press the Color copy button to install new ink cartridge.	The indicated ink cartridge is not installed. See Replacing an Ink Cartridge to install a cartridge.
XXX ink out --- > Press the Color copy button to begin replacing the ink cartridge.	The indicated ink cartridge is out of ink. See Replacing an Ink Cartridge to replace the cartridge.
Ink cartridge error --- > Press the Color copy button to begin replacing the ink cartridge.	There is something wrong with the ink cartridge. See Replacing an Ink Cartridge to replace the cartridge.
Paper jam or misfeed --- > Press the Color copy button and clear the paper jam by hand if necessary.	Paper is jammed. Press the Color Copy button to clear the jam. If it is still jammed, see Paper Feed Problems .
Paper out --- > Load paper in Paper tray and press the Color copy button.	Load paper in the sheet feeder, then press the Color Copy button to continue printing.
Scanner unit open --- > Close the scanner unit.	Carefully close the scanner and press it down until it clicks securely into place.
Scanner error --- > See your documentation and call service if necessary.	Press the On button to turn off the EPSON Stylus CX5400. Unlock the transportation lock, if necessary (see Transporting the Stylus CX). Turn on your Stylus CX again. If the error message still appears, contact your dealer or EPSON as described in Where To Get Help .
Printer error --- > See your documentation and call service if necessary.	Press the On button to turn off the EPSON Stylus CX5400, then press the button again to turn it back on. If the message still appears, contact your dealer or EPSON as described in Where To Get Help .

Printing a Nozzle Check

You can print a nozzle check to determine whether a problem comes from the EPSON Stylus CX5400 or some other source.

1. Make sure letter-size or larger paper is loaded in the sheet feeder.
2. Press the left **Menu** button on the control panel until you see **Nozzle Check**.

3. Press the **Color Copy** button.

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 the following sections.

Setup and Software Installation Problems

Tip: It's a good idea to check EPSON's web site periodically for possible updates to your software. Visit <http://support.epson.com> and check the section for your product to see if there is new software available for downloading to your computer.

The EPSON Stylus CX5400 makes noise after ink cartridge installation.

- When you install ink cartridges, the Stylus CX must charge its ink delivery system. Wait until it's finished (the **On** light stops flashing) before you turn it off or it may use excess ink the next time you turn it on.
- Make sure the ink cartridges are seated securely and no packing material remains in the Stylus CX. Turn off the Stylus CX, wait a moment, then turn it back on.

You cancelled software installation or connected the EPSON Stylus CX5400 before installing the software.

Your EPSON software may be incorrectly installed. See [Uninstalling Your Software](#). Make sure you carefully follow the steps on your *Start Here* sheet when you reinstall your software. You need to connect the EPSON Stylus CX5400 at the correct time in the installation process.

You're having problems installing the software.

- Make sure your system meets the requirements listed in [System Requirements](#). Close other programs, including screen savers and virus protectors, and install again.
- Make sure that your computer's Universal Serial Bus (USB) Controller is working properly in Device Manager; see your Windows help system for details.

- If you see an error message or the software doesn't install correctly on Windows XP or Windows 2000, you may not have software installation privileges.
- If the CX5400 icon doesn't appear in the Macintosh Chooser, you may have too many items in the Chooser. Delete any unused items.
- If you're printing over a network, see [Setting Up Network Printing](#).

Printing and Copying Problems

Only the On light is on, but nothing prints.

- Make sure the USB cable is securely connected at both ends.
- If you're using a USB hub, try connecting the EPSON Stylus CX5400 directly to your computer's USB port instead.
- Run a nozzle check as described in [Printing a Nozzle Check](#). If the check page prints, make sure your EPSON Stylus CX5400 software is installed correctly.
- If you're printing on a network, you need to set up your EPSON Stylus CX5400 for network printing, as described in [Setting Up Network Printing](#).

It sounds like the EPSON Stylus CX5400 is printing, but nothing prints.

- The print head nozzles may need cleaning; see [Cleaning the Print Head](#) for instructions.
- The Stylus CX won't operate properly if it's tilted. Place it on a flat, stable surface.

Your EPSON Stylus CX5400 makes noise when you turn it on.

Your Stylus CX is performing routine maintenance.

Printing or copying is too slow.

Make sure your system meets the requirements listed in [System Requirements](#). If you're printing a high-resolution image, you need more than the minimum requirements. You may also need to:

- Clear space on your hard disk or run a defragmentation utility.

- Close open programs that you're not using.
- Increase your system's memory (RAM).

For the fastest printing:

- Select **Draft** as the Quality Type (Windows) or set the Quality/Speed slider to **Speed** (Macintosh) in your printer software.
- If your document doesn't include color, choose **Black Ink Only** (Windows) or **Black ink** (Macintosh) in your printer software (see [Printing With Windows](#), [Printing With Macintosh OS 8.6 to 9.x](#), or [Printing With Macintosh OS X](#)), or press the **B&W Copy** button.
- Turn **MicroWeave**® off (Macintosh only) and **High Speed** on in your printer software.
- If your EPSON Stylus CX5400 is connected to a USB hub, disconnect any unused USB devices.

The margins are incorrect.

- Make sure your paper settings are correct for your paper size. See [Printing With Windows](#), [Printing With Macintosh OS 8.6 to 9.x](#), or [Printing With Macintosh OS X](#).
- Choose the correct margins for your paper size. The margins must be within the printable area of the page; see [Printable Area](#).
- Make sure your paper is positioned on the right side of the sheet feeder with the left edge guide lightly against its left side. Don't load paper above the arrow on the left edge guide.
- Make sure you select the correct Copy mode or settings for the type of document you are trying to copy. See [Changing Copy Settings](#) or [Copying With the Computer](#).

The printer prints blank pages.

- Make sure your paper settings are correct for your paper size. See [Printing With Windows](#), [Printing With Macintosh OS 8.6 to 9.x](#), or [Printing With Macintosh OS X](#).
- The print head nozzles may need cleaning; see [Cleaning the Print Head](#) for instructions.

Scanning Problems

Your system doesn't recognize the EPSON Stylus CX5400.

Make sure the Stylus CX is connected to your computer and plugged into an electrical outlet.

The fluorescent lamp isn't on.

- The lamp turns off automatically to save power (sleep mode); it comes on when you start scanning.
- Make sure the Stylus CX is plugged into a power outlet.

The EPSON Stylus CX5400 doesn't scan.

- Wait until the fluorescent lamp stays on (ready for scanning). You may need to preview your scan to make the lamp come on.
- If you are using a USB hub, try connecting the EPSON Stylus CX5400 directly to the computer's USB port. Use only the USB cable that came with your Stylus CX.
- If you see your EPSON Stylus CX5400 in the Windows Control Panel, but you can't scan, uninstall and reinstall its software; see [Uninstalling Your Software](#).

The EPSON Stylus CX5400 scanning software doesn't work properly.

- Make sure your system meets the requirements listed in [System Requirements](#).
- Check if your computer has enough memory for your software. If you're running other software at the same time, the computer may not have enough memory. Try closing any open applications, including screen savers and virus protection programs.
- If you're scanning a large image or scanning at a high resolution, your computer may not have enough memory to process the image.
- Check your software installation. If all else fails, uninstall your software, then reinstall it; see [Uninstalling Your Software](#).

- If you're using the **Scan** button, make sure Smart Panel and your operating system are set up for scanning using the button. Click the **?** button on the Smart Panel main window for instructions.

Paper Feed Problems

Too many copies are printing.

Make sure that the **Copies** setting in your printer software and/or program aren't set for multiple copies.

Paper doesn't feed correctly or jams in the EPSON Stylus CX5400.

- If paper doesn't feed, remove it from the sheet feeder. Fan the paper, load it against the right side, and slide the left edge guide against the paper (but not too tightly).
- If paper jams, turn off your Stylus CX, lift up the scanner, and remove any paper that's inside, including any small pieces that may have torn off. Carefully reload paper, turn the Stylus CX back on, and press the **Color Copy** button.

Warning: Clear paper jams by pulling the paper out of the printer in the direction of the output tray. Never pull the paper out in the direction of the sheet feeder.

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 **Color Copy** button to eject the paper, then select the correct paper size in your software.
- If it's wrinkled when it ejects, the paper may be damp or too thin. Load new paper.

Print Quality Problems

You see banding (light lines) in your printouts or copies.



- Clean the print head; see [Cleaning the Print Head](#) for instructions.
- Select the correct Type (Windows) or Media Type (Macintosh) setting for the paper you loaded; see [Selecting Your Paper Type](#).
- Select a higher print quality and turn off High Speed mode; see [Customizing Windows Print Settings](#), [Customizing Print Settings \(Mac OS X\)](#), or [Customizing Print Settings \(Mac OS 8.6 to 9.x\)](#).
- Make sure the printable side of the paper is face up.
- The ink cartridges may need replacing; see [Replacing an Ink Cartridge](#).
- Try using Automatic mode (Macintosh); see [Printing With Macintosh OS X](#) or [Printing With Macintosh OS 8.6 to 9.x](#).
- Align the print head; see [Aligning the Print Head](#) for instructions.

Your printout is blurry or smeared.



- Make sure your paper isn't damp, curled, or loaded face down (the printable side should be face up). Load new paper face up.
- Use a support sheet with special paper or try loading your paper one sheet at a time.
- Make sure your paper meets the specifications listed in [Paper](#).
- Align the print head; see [Aligning the Print Head](#) for instructions.
- Use EPSON papers for proper saturation and absorption of genuine EPSON inks.

Your printout is faint or has gaps.



- Clean the print head; see [Cleaning the Print Head](#) for instructions.
- The ink cartridges may be old or low on ink; see [Replacing an Ink Cartridge](#).
- Select the correct Type (Windows) or Media Type (Macintosh) setting for your paper; see [Selecting Your Paper Type](#).
- Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, load new paper face up.

Your printout is grainy.

- Use a higher quality paper or select a higher Quality Type or Print Quality. See [Customizing Windows Print Settings](#), [Customizing Print Settings \(Mac OS X\)](#) or [Customizing Print Settings \(Mac OS 8.6 to 9.x\)](#).
- Align the print head. See [Aligning the Print Head](#) for instructions.

- Increase the image resolution or print it in a smaller size; see your software documentation.
- Make sure the paper thickness lever is set to the correct position. See [Envelopes](#) for instructions.

You see wrong or missing colors.



- Make sure **Black Ink Only** is off (Windows) or **Color** ink is selected (Macintosh), even when you're printing black and white photographs.
- Clean the print head; see [Cleaning the Print Head](#) for instructions.
- The ink cartridges may be old or low on ink; see [Replacing an Ink Cartridge](#).
- Try turning off PhotoEnhance. Also check if you're using a special effect that alters image colors, like Sepia.
- Try using Automatic mode (Macintosh); see [Printing With Macintosh OS X](#) or [Printing With Macintosh OS 8.6 to 9.x](#).
- Try changing the Gamma setting; see [Customizing Windows Print Settings](#), [Customizing Print Settings \(Mac OS X\)](#) or [Customizing Print Settings \(Mac OS 8.6 to 9.x\)](#).
- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system, such as ICM or ColorSync to get as close as possible. See [Customizing Windows Print Settings](#), [Customizing Print Settings \(Mac OS X\)](#), or [Customizing Print Settings \(Mac OS 8.6 to 9.x\)](#).

Miscellaneous Printing Problems

You see incorrect characters.

- Make sure the USB cable is securely connected and that it meets the requirements listed in [System Requirements](#).
- Make sure your EPSON Stylus CX5400 is selected in your application, or as the Windows default printer.

The image size or position is incorrect.

Make sure the paper and/or layout options are set correctly. Click the ? or Help button on your printer settings window for more information.

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

Turn off Mirror Image (Windows) or Flip Horizontal (Macintosh) in the printer software or the mirror setting in your application software.

Scan Quality Problems

Your scanned image is blurry or distorted.



- Make sure the document is placed flat against the document table glass. If only part of the image is blurred, your document may be wrinkled or warped.

- Try scanning at a higher resolution, and make sure the correct Image Type, Exposure, and Gamma setting are selected in EPSON Scan. Click the **Help** button on the EPSON Scan window for details.
- Make sure the document table glass is clean; see [Cleaning the Stylus CX](#).
- Make sure the EPSON Stylus CX5400 is not tilted or placed on an unstable or uneven surface.

Your image is too dark.



- Try adjusting the brightness with your application software. Also check the brightness and contrast values of your monitor.
- The dark area around film is perceived as white, altering the exposure of the scanning area and causing your scans to appear darker. Set the correct color by adjusting the border (marquee) so only your image is selected. Click **Help** in the EPSON Scan window for details.
- Change the Display Gamma setting and check the Destination setting in EPSON Scan. Click **Help** in the EPSON Scan window for details.

Only part of the image is scanned.



- The document table has non-readable areas around the edges. Reposition your document into the readable area, as described in [Placing Your Original Document](#).
- If you're using Full Auto Mode, try using Home Mode. See [Advanced Scanning With EPSON Scan](#) for instructions.

The image does not look the same as the original.

- Your image and display settings may not be correct for your document type. Click **Help** in the EPSON Scan window for details.
- Your monitor and printer use different technologies to represent colors, so your printed colors can't match your screen colors exactly. Try increasing your monitor's color palette to view a greater range of colors.

The scanner doesn't recognize your image type when scanning in Full Auto mode.

Try scanning the image again. If that doesn't work, scan in Manual mode. See [Advanced Scanning With EPSON Scan](#) for instructions.

The file size is too big.

Adjust your scan settings. Try selecting a lower resolution (dpi), saving the file in a different format, or scan only part of the image. 300 dpi is typically an adequate resolution for images that will be printed.

The printed image is larger or smaller than the original size.

You have changed the resolution or scaled your image. The image size settings in your software determine the size of the printed image.

A dotted line appears in the image.

- If this happens on both your screen and printout, clean the document table as described in [Cleaning the Stylus CX](#).
- If the line is just on your printout, you may need to clean your print head, see [Cleaning the Print Head](#).

Uninstalling Your Software

- [Windows XP or 2000](#)
- [Windows Me or 98](#)

Windows XP or 2000

1. Make sure your EPSON Stylus CX5400 is plugged in and connected to your computer.
2. In Windows XP, click **Start**, right-click **My Computer**, and click **Properties**. In Windows 2000, right-click **My Computer** and click **Properties**.
3. Select the **Hardware** tab, then click **Device Manager**.
4. Click the plus (+) sign next to **Other devices** or **Imaging devices**. If a question (?) mark or an exclamation (!) mark appears next to the EPSON Stylus CX5400 name, right-click the name, and then select **Uninstall**.
5. Disconnect the USB cable from the EPSON Stylus CX5400.
6. Click **Start > Programs** or **All Programs > EPSON Smart Panel > Uninstall EPSON Smart Panel** and follow the instructions on the screen.
7. When the Smart Panel uninstall is complete, click **Start > Control Panel** (Windows XP) or **Start > Settings > Control Panel** (Windows 2000). Double-click **Add/Remove Programs**.

8. Choose **EPSON Copy Utility**, then click **Add/Remove** or **Change/Remove** and follow the instructions on the screen. When finished, repeat this step for each of the following:
 - EPSON Photo Print
 - EPSON Printer Software
 - EPSON Scan
 - ScanToWeb
9. Follow the installation steps on the *Start Here* sheet to reinstall your software.

Windows Me or 98

1. Disconnect the USB cable from the EPSON Stylus CX5400.
2. Click **Start > Programs > EPSON Smart Panel > Uninstall EPSON Smart Panel** and follow the instructions on the screen.
3. Click **Start > Settings > Control Panel**. Double-click **Add/Remove Programs**.
4. Choose **EPSON Copy Utility**, then click **Add/Remove** or **Change/Remove** and follow the instructions on the screen. When finished, repeat this step for each of the following:
 - EPSON Photo Print
 - EPSON Printer Software
 - EPSON Scan
 - EPSON USB Printer Devices
 - ScanToWeb
5. Follow the installation steps on the *Start Here* sheet to reinstall your software.

Setting Up Network Printing

- [Windows XP and 2000](#)
- [Windows Me and 98](#)
- [Macintosh](#)

Windows XP and 2000

This section tells you how to set up the EPSON Stylus CX5400 so that other computers on the network can print to it. (The scanning feature cannot be shared with other computers on the network.)

Note: This section is for small network users only. If you are on a large network and would like to share the EPSON Stylus CX5400, consult your network administrator.

To install software programs in Windows 2000, it is necessary to log on as a user with administrative privileges (a user who belongs to the Administrators group).

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.

The images that are provided in the following section pertain to Windows 2000.

First, you need to set up the EPSON Stylus CX5400 as a shared printer on the computer that it is directly connected to. Then, you must install the EPSON Stylus CX5400 on each computer that will access it through the network.

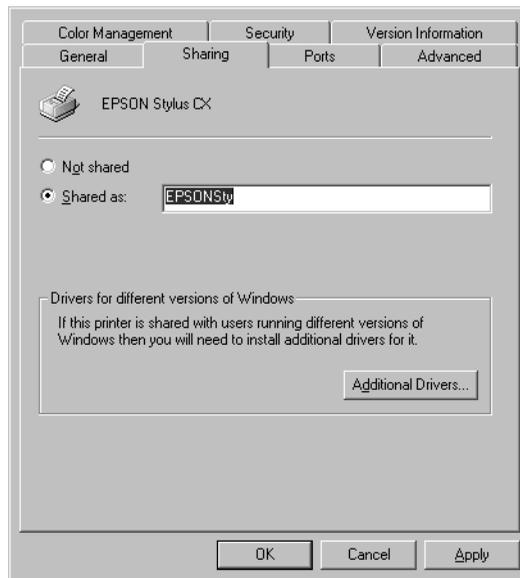
Setting Up a Shared Printer

Follow the steps below to configure your computer to share the Stylus CX with other computers on a network.

1. Click **Start > Control Panel** or **Start > Settings > Control Panel**, then click **Printers** or **Printers and Faxes**.
2. Right-click the icon for the EPSON Stylus CX5400, then click **Sharing**.

3. Select **Shared as** or **Share this printer**, then type a name for the shared printer.

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



If you want Windows XP or 2000 to automatically download printer drivers to 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 the folder for Windows Me or 98. Click **OK** to install the additional drivers.

4. Click **OK**, or click **Close** if you installed additional drivers.

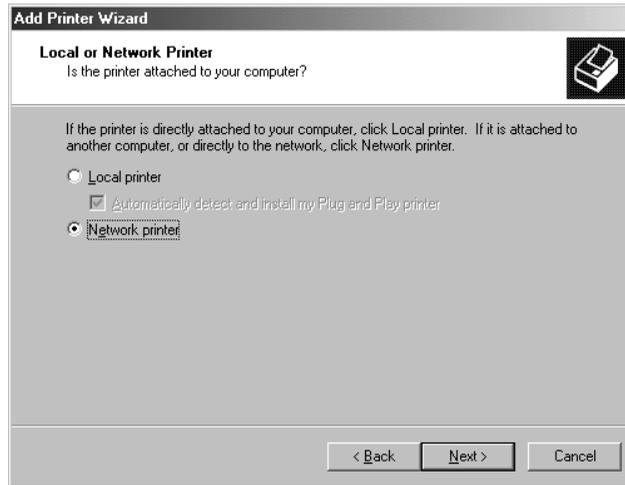
Accessing a Network Printer

Follow the steps below to print to the EPSON Stylus CX5400 from other computers on a network.

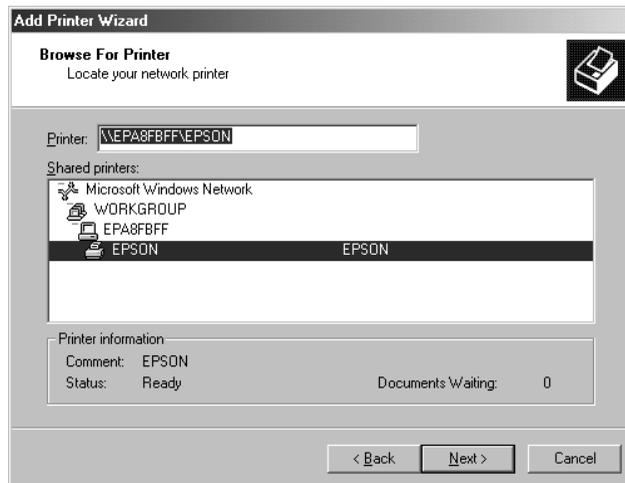
Note: The EPSON Stylus CX5400 must be set up as a shared resource on the computer to which it is directly connected before you can access it from another computer. For instructions, see [Setting Up a Shared Printer](#).

1. Click **Start > Control Panel** or **Start > Settings > Control Panel**, then click **Printers** or **Printers and Faxes**.

2. Double-click the Add Printer icon. The Add Printer Wizard opens.
3. Click Next.
4. Select Network printer, then click Next.



5. On the next screen, click Next.
6. Double-click the icon of the computer that is directly connected to the EPSON Stylus CX5400. Then, click the icon for the EPSON Stylus CX5400.



7. Click **Next** and follow the on-screen instructions.

Note: Depending on the operating system and the configuration of the computer to which the EPSON Stylus CX5400 is connected, the Add Printer Wizard may prompt you to install the printer driver from the printer software CD. In this case, click the **Have Disk** button and follow the on-screen instructions.

Windows Me and 98

This section tells you how to set up the EPSON Stylus CX5400 so that other computers on a network can print to it. (The scanning feature cannot be shared with other computers on the network.)

First, you need to set up the EPSON Stylus CX5400 as a shared printer on the computer that it is directly connected to. Then, you must install the EPSON Stylus CX5400 on each computer that will access it through the network.

Note: This section describes how to use the EPSON Stylus CX5400 as a shared printer on a network. To connect it directly to a network without setting it up as a shared printer, consult your network administrator.

Setting Up a Shared Printer

Follow the steps below to configure your computer for printer sharing and to share the EPSON Stylus CX5400 with other computers on a network.

1. Click **Start > Settings > Control Panel**.
2. Double-click the **Network** icon.
3. Click the **File and Print Sharing** button.
4. Select the **I want to be able to allow others to print to my printer(s)** check box and click **OK**.

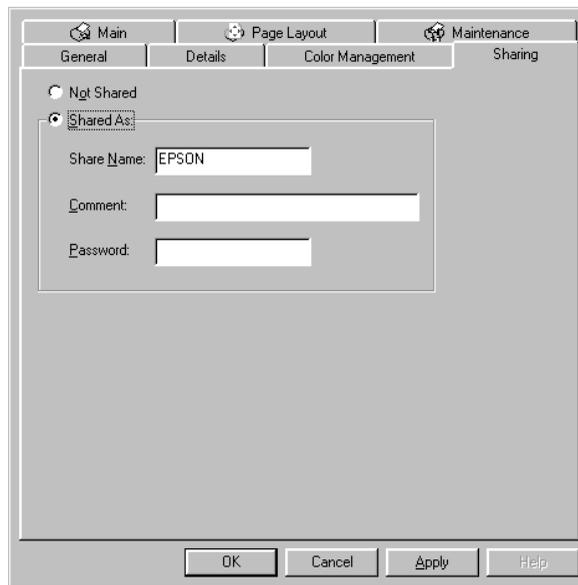


5. In the Network dialog box, click **OK**.

Note: If a dialog box requesting the insertion of the Windows Me or 98 CD-ROM appears, insert the CD into the CD-ROM drive and follow the on-screen instructions.

If a dialog box requesting that you restart your computer appears, do so. Then, open the Printers folder, and continue from step 7.

6. In the Control Panel, double-click the **Printers** icon.
7. Right-click the icon for the EPSON Stylus CX5400, then click **Share As**.
8. Type a name for the shared printer, then click **OK**.



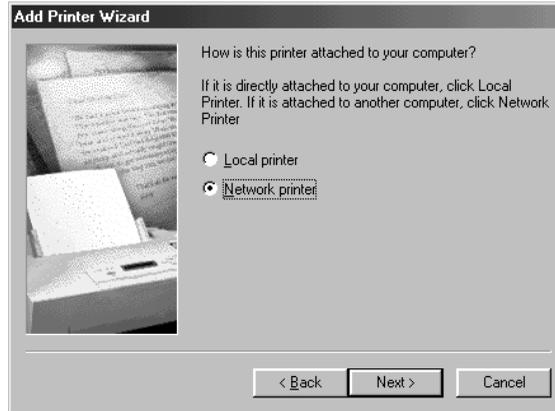
Accessing a Networked Printer

Follow the steps below to print to the EPSON Stylus CX5400 from other computers on a network.

Note: The EPSON Stylus CX5400 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. For instructions, see [Setting Up a Shared Printer](#).

1. Click **Start > Settings > Printers**.

2. Double-click the **Add Printer** icon. The Add Printer Wizard opens.
3. Click **Next**.
4. Select **Network printer**, then click **Next**.



5. On the next screen, click **Browse**.
6. Double-click the icon of the computer that the EPSON Stylus CX5400 is directly connected to. Then, click the icon for the EPSON Stylus CX5400.



7. Click **OK** and follow the on-screen instructions.

Macintosh

This section tells you how to set up the EPSON Stylus CX5400 so that you can print to it on an AppleTalk® network. By setting up the EPSON Stylus CX5400 as a shared printer, your local printer is connected to the network and can be used by other computers. (The scanning feature cannot be shared with other computers on the network.)

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

First, you need to set up the EPSON Stylus CX5400 as a shared printer on the Macintosh that it is directly connected to. Then, you must specify the network path to the EPSON Stylus CX5400 from each computer that will use it, and install the printer software on those computers.

Setting Up a Shared Printer

To share the EPSON Stylus CX5400 with other computers on an AppleTalk network, follow the steps below to configure the computer that it is directly connected to.

1. Turn on the EPSON Stylus CX5400.
2. Choose **Chooser** from the Apple® menu and click the icon for the EPSON Stylus CX5400. Then, select the port that the EPSON Stylus CX5400 is connected to.
3. Click the **Setup** button. The Printer Sharing Setup dialog box opens.
4. Select the **Share this Printer** check box, then type the printer name and password information as necessary.
5. Click **OK**. The name of the shared printer appears in the port list in the Chooser.
6. Close the Chooser.

Accessing a Networked Printer

Follow the steps in this section to access the EPSON Stylus CX5400 from other computers on the network.

1. Turn on the EPSON Stylus CX5400.

2. Install the printer software from the EPSON Stylus CX5400 CD-ROM.
3. Choose **Chooser** from the Apple menu. Then, click the icon for the EPSON Stylus CX5400 and select the shared EPSON Stylus CX5400 from the Select a printer port list.

Note: Only printers that are connected to your current AppleTalk zone are available.

4. If a password dialog box appears, enter the password for the EPSON Stylus CX5400, then click **OK**.
5. Select the appropriate **Background Printing** radio button to turn background printing on or off.
6. Close the Chooser.

Where To Get Help

- [EPSON](#)
- [Other Software Technical Support](#)

EPSON

If you need help with the EPSON Stylus CX5400 or EPSON Scan, see the contact information below. See [Other Software Technical Support](#) if you need help with other software that came on your EPSON Stylus CX5400 CD-ROM.

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://support.epson.com . At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
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 . Your EPSON SoundAdvice SM Express Code is 70465. Use this code to quickly select the EPSON Stylus CX5400 in SoundAdvice.

To speak to a technical support representative, dial:

- U.S.: (562) 276-4382, 6 AM to 6 PM, Pacific Time, Monday through Friday
 - Canada: (905) 709-3839, 6 AM to 6 PM, Pacific Time, Monday through Friday
- Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (EPSON Stylus CX5400)
- Product serial number (located on the back)
- Proof of purchase (such as a store receipt) and date of purchase

- Computer configuration
- Description of the problem

To get the best prints and copies, use genuine EPSON ink and paper. You can purchase ink cartridges, paper and accessories from your local retailer. Please call (800) 463-7766 to locate a retailer near you.

Other Software Technical Support

Software	Telephone	Fax	Online and E-mail
EPSON Smart Panel	(510) 445-8616	(510) 445-8601	www.newsoftinc.com contactus@newsoftinc.com
ArcSoft PhotoImpression	(510) 440-9901 8:30 AM to 5:30 PM, Pacific Time, Monday through Friday	(510) 440-1270	www.arcsoft.com/ techmain support@arcsoft.com
ABBYY® Fine Reader® Sprint	(510) 226-6719	(510) 226-6069	www.abbyyusa.com support@abbyyusa.com

Specifications

- Printing
- Paper
- Mechanical
- Ink Cartridges
- Scanning
- Electrical
- Environmental
- Standards and Approvals
- Interface Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	Monochrome (black) 180 nozzles Color (cyan, magenta, yellow), 177 nozzles (59 nozzles per color × 3)
Print resolution	Up to 5760 × 1440 dpi on various papers using Photo RPM; see Customizing Windows Print Settings , Customizing Print Settings (Mac OS X) , or Customizing Print Settings (Mac OS 8.6 to 9.x) .
Print direction	Bidirectional with logic seeking
Control code	ESC/P® raster EPSON Remote

Paper

Note: Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, EPSON cannot guarantee the quality of any non-EPSON brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single sheets

Size	A4 (8.3 × 11.7 inches) A5 (5.8 × 8.3 inches) Letter (8.5 × 11 inches) Half-letter (5.5 × 8.5 inches) Legal (8.5 × 14 inches) Executive (7.3 × 10.5 inches)
Paper type	Plain bond paper, special paper distributed by EPSON and various types of special media
Thickness (for plain bond paper)	0.003 to 0.004 inch (0.08 to 0.11 mm)
Weight (for plain bond paper)	17 lb (64 g/m ²) to 24 lb (90 g/m ²)

Envelopes

Size	132 × 220 (5.2 × 8.7 inches) No. 10 (4.1 × 9.5 inches) DL (4.3 × 8.7 inches) C6 (4.5 × 6.4 inches)
Paper type	Plain bond paper, air mail
Thickness	0.006 to 0.02 inch (0.16 to 0.52 mm)
Weight	12 lb (45 g/m ²) to 20 lb (75 g/m ²)

Ink Jet Cards

Size	A6 (4.1 × 5.8 inches)
Paper type	Special paper distributed by EPSON

Ink Jet Transparencies

Size	Letter (8.5 × 11 inches)
Paper type	Special paper distributed by EPSON

Photo Paper and Glossy Photo Paper

Size	Letter (8.5 × 11 inches) 4 × 6 inches (101.6 × 152.4 mm) A4 (8.3 × 11.7 inches) Panoramic (8.3 × 23 inches)
Paper type	Special paper distributed by EPSON

Premium Semigloss Photo Paper

Size	Letter (8.5 × 11 inches)
Paper type	Special paper distributed by EPSON

Matte Paper Heavyweight, Double-Sided Matte, and Archival Matte Paper

Size	Letter (8.5 × 11 inches) 8 × 10 inches (203.2 × 254 mm)
Paper type	Special paper distributed by EPSON

DURABrite Ink Glossy Photo Paper

Size	Letter (8.5 × 11 inches) 4 × 6 inches (101.6 × 152.4 mm)
Paper type	Special paper distributed by EPSON

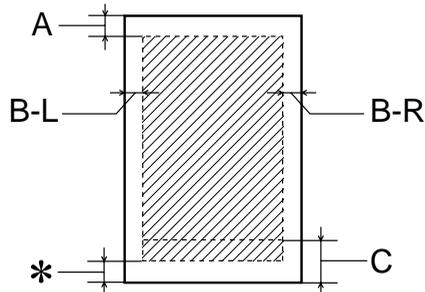
Note: Poor quality paper may reduce the print quality and cause paper jams or other problems. If you have print quality problems, switch to a higher grade paper.

Do not load curled or folded paper.

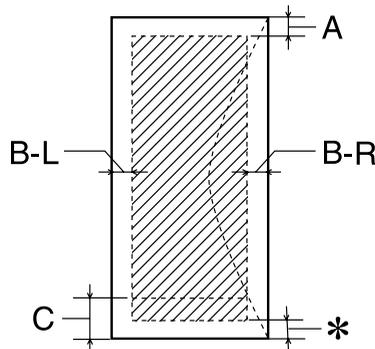
Use paper under normal conditions:
 Temperature: 59 to 77 °F (15 to 25 °C)
 Humidity: 40 to 60% RH

Printable Area

Single sheets or cards



Envelopes



	Standard sheets	Sheets copied with small margin setting	Envelopes
A: top margin	0.12" (3.0 mm)	0.06" (1.5 mm)	0.12" (3.0 mm)
B-L: left margin	0.12" (3.0 mm)	0.06" (1.5 mm)	0.12" (3.0 mm)
B-R: right margin	0.12" (3.0 mm)	0.06" (1.5 mm)	0.12" (3.0 mm)

C: bottom margin	0.12" (3.0 mm)	0.06" (1.5 mm)	0.78" (20 mm)
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Note: Always load paper into the sheet feeder with the short edge first. Load envelopes flap edge left with the flap side down.

Depending on the type of paper, the print quality may deteriorate in the top and bottom areas of the printout, or these areas may be smeared.

Mechanical

Paper feed method	Friction
Paper path	Sheet feeder, top feed
Sheet feeder capacity	About 150 sheets at 24 lb (90 g/m ²)
Dimensions	Width: 17.8 inches (453 mm) Depth: 17.1 inches (434 mm) Height: 10.0 inches (254 mm)
Weight	19.8 lb (9.0 kg) without the ink cartridges

Ink Cartridges

Black Ink Cartridge (T0321)

Color	Black
Print capacity*	1240 pages/A4 (ISO/IEC 10561 Letter Pattern at 360 dpi)
Temperature	Storage: –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) Transit: –22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C) Freezing:** 3.2 °F (–16 °C)
Dimensions	Width: 0.8 inches (22.0 mm) Depth: 2.8 inches (71.2 mm) Height: 2.6 inches (66.5 mm)

Cyan (T0422), Magenta (T0423), and Yellow (T0424) Ink

Cartridges

Color	Cyan, magenta, or yellow
Print capacity*	420 pages (A4, 360 dpi, 5% duty each color)
Temperature	Storage: –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) Transit: –22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C) Freezing:** –0.4 °F (–18 °C)
Dimensions	Width: 0.5 inches (12.7 mm) Depth: 2.8 inches (71.2 mm) Height: 2.6 inches (66.5 mm)

* The figure given is based upon continuous printing after ink cartridge replacement. The actual print capacity may vary, depending on how often you use the print head cleaning function and how often you turn this product on.

** Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

Caution: EPSON recommends the use of original EPSON ink cartridges only. Other products not manufactured by EPSON may cause damage to this product not covered by EPSON's warranties.

Do not use an ink cartridge if the date on the package has expired.

Do not refill the ink cartridges. This product 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.

Scanning

Scanner type	Flatbed color image scanner
Photoelectric device	Color CCD line sensor
Effective pixels	10,200 × 14,040 pixels at 1200 dpi, 100%
Document size	8.5 × 11.7" (216 × 297 mm) Letter or A4 size (reading area selectable with software)
Scanning resolution	1200 dpi (main) 2400 dpi (sub)
Output resolution	50 to 4800 dpi (adjustable in one-dpi increments), 7200 dpi, and 9600 dpi
Color separation	RGB color filters on CCD
Image data	16 bits per pixel per color internal 8 bits per pixel per color external
Gamma correction	User defined 2 level
Interface	USB
Light source	White cold cathode fluorescent lamp
Reliability	30,000 cycles of carriage movements (main unit MCBF)
Lamp	10,000-hour life

Electrical

Input voltage range	108 to 132V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz
Rated current	0.5 A
Power consumption	Approx. 23 W (ISO10560 Letter pattern) Approx. 6.0 W in sleep mode Approx. 0.6 W in power-off mode

Note: Check the label on the back of this product for the voltage information.

Environmental

Temperature	Operation: 50 to 95 °F (10 to 35 °C) Storage: -4 to 140 °F (-20 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C)
Humidity	Operation: 20 to 80% RH Storage in shipping container: 5 to 85% RH (without condensation)

Standards and Approvals

Safety	UL 1950 CSA C22.2 No.950
EMC	FCC part 15 Subpart B class B CSA C108.8 Class B

Interface Specifications

This product's built-in USB interface is based on the standards specified in the Universal Serial Bus Specifications Revision 1.1 and the Universal Serial Bus Device Class Definition for Printing Devices Version 1.1. This interface has the following characteristics:

Standard	Based on Universal Serial Bus Specifications Revision 1.1, Universal Serial Bus Device Class Definition for Printing Devices Version 1.1
Bit rate	12 Mbps (full speed device)
Data encoding	NRZI
Connector	USB Series B

Recommended cable length	6.6 feet (2 meters)
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System Requirements

- [Windows System Requirements](#)
- [Macintosh System Requirements](#)

Windows System Requirements

To use your EPSON Stylus CX5400 and its software, your system should have:

- A Microsoft® Windows® compatible PC with a Pentium® 300 MHz or better processor
- Microsoft Windows XP, Windows 2000, Windows Me, or Windows 98
- 128MB RAM (256MB or more of RAM recommended)
- VGA monitor or better with at least 256 colors
- At least 200MB of free hard disk space (300MB or more recommended)
- CD-ROM or DVD drive for installing the software
- Windows-compliant USB port and the USB cable that came with your EPSON Stylus CX5400.

Macintosh System Requirements

To use your EPSON Stylus CX5400 and its software, your system should have:

- An Apple® iMac™ series, Power Macintosh® G3 or G4, PowerBook®, iBook,™ or eMac™
- Mac® OS 8.6 through OS 9.x or OS X 10.2.x (Mac OS 9.1 or later recommended)
- At least 128MB of available RAM (256MB or more recommended)

- At least 200MB of free hard disk space (300MB or more recommended)
- VGA monitor or better with at least 256 colors
- CD-ROM or DVD drive for installing the printer software
- The USB cable that came with your Stylus CX.

Important Safety Instructions

Ink Cartridge Safety Instructions

LCD Panel Safety Instructions

Before using your EPSON Stylus CX5400, read and follow these safety instructions:

- Be sure to follow all warnings and instructions marked on the Stylus CX5400.
- Use only the type of power source indicated on the Stylus CX5400 label.
- Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as air control systems or other high-load devices that regularly switch on and off.
- Place the Stylus CX5400 near a wall outlet where the plug can be easily unplugged.

Placez l'imprimante près d'une prise de contact 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 Stylus CX5400, 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.
- Avoid electrical outlets controlled by wall switches or automatic timers.
- Keep your Stylus CX5400 and computer system away from potential sources of electromagnetic interference, such as loudspeakers or cordless telephone base units.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Leave enough room around the Stylus CX5400 for sufficient ventilation.
- Do not place the Stylus CX5400 near a radiator or heating vent or in direct sunlight.

- Place the Stylus CX5400 on a flat, stable surface that extends beyond its base in all directions. It will not operate properly if it is tilted or at an angle. Leave enough space in front of the Stylus CX5400 (at least 9 inches) so it doesn't tip forward and fall off of the work surface.
- Turn off and unplug the Stylus CX5400 before cleaning. Clean with a damp cloth only. Do not spill liquid on it.
- Always turn the Stylus CX5400 off using the **On** button. Don't turn off the power using a switch on a power strip or unplug the Stylus CX5400 until the **On** light is off.
- Do not block or cover openings in the Stylus CX5400 case or insert objects through the slots.
- Except as specifically explained in your documentation, do not attempt to service the Stylus CX5400 yourself.
- Unplug the Stylus CX5400 and refer servicing to qualified service personnel under the following conditions: if the power cord or plug is damaged; if liquid has entered the product; if the product has been dropped or the case damaged; if the product does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.
- Before transporting the Stylus CX5400, make sure the print head is capped in the far right position, the ink cartridges are in place, and the scanner is secured by the transportation lock.
- This product includes a lamp component that contains mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put in the trash.

Ink Cartridge Safety Instructions

- Leave the ink cartridges installed. Removing the cartridges can dehydrate the print head and may prevent the EPSON Stylus CX5200 from printing.
- Keep ink cartridges out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.

- Do not put your hand inside the Stylus CX5400 or touch the cartridge during printing.
- Do not move the print head by hand; otherwise you may damage the Stylus CX5400.
- 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 use an ink cartridge beyond the date printed on the cartridge package. For best results, use up the ink cartridges within six months of first installing them.
- Store ink cartridges in a cool, dark place. Store each ink cartridge so that the bottom of its package faces down.
- 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.
- Do not remove or tear the label on an ink cartridge; this can cause leakage.
- Do not dismantle the ink cartridges or try to refill them. This could result in damage to the print head.
- Do not touch the green IC chip on the side of the cartridge. This may affect normal operation and printing.
- 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 Stylus CX5400. 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 cartridge ink supply port or surrounding area.

LCD Panel Safety Instructions

- Use only a dry soft cloth to clean the LCD display. Don't use liquid or chemical cleaners.
- If the LCD display is damaged, contact your dealer.
- If LCD solution gets on your skin, wash it off thoroughly with soap and water. If it gets in your eyes, flush them immediately with water.

Legal Notices

- [FCC Compliance Statement](#)
- [Declaration of Conformity](#)
- [ENERGY STAR Compliance](#)
- [Copyright Notice](#)
- [Trademarks](#)

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 digital 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

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 3-13
3840 Kilroy Airport Way
Long Beach, CA 90806
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: Multifunction printer
Model: C141A

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.



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Digital cameras, scanners, and ink jet printers, like conventional photocopiers and cameras, can be misused by improper copying or printing of copyrighted material. While some countries' laws permit limited copying of copyrighted material in certain

circumstances, those circumstances may not be as broad as some people assume. EPSON encourages each user to be responsible and respectful of the copyright laws when using digital cameras, scanners, and ink jet printers.

Trademarks

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BorderFree and DURABrite are registered trademarks, RPM and PhotoEnhance are trademarks, and EPSON Connection, EPSON Store, and SoundAdvice are service marks of Epson America, Inc.

General Notice: Other product names used herein are for identification purposes only and may be trademarks of their respective owners. EPSON disclaims any and all rights in those marks.

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7/03

art/Gradient.tif @ 80 dpi 1
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art/Parts_1.eps 2
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