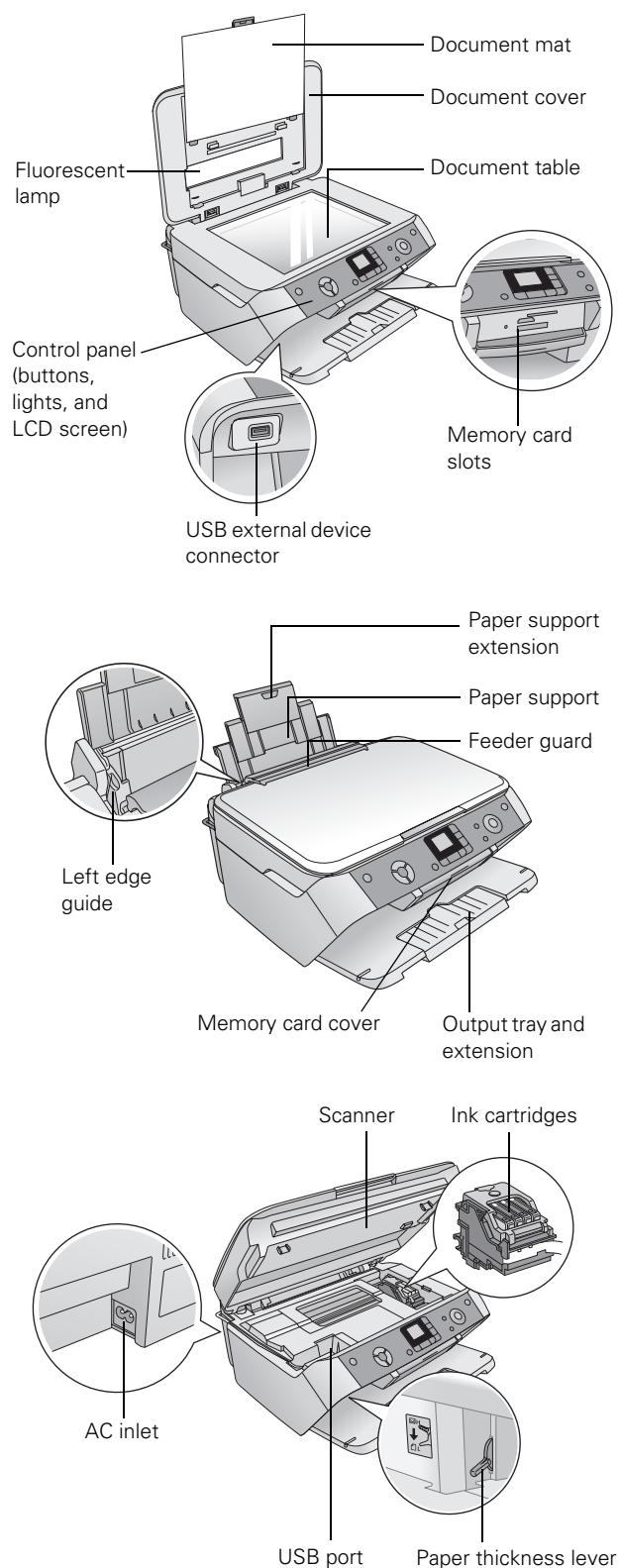


Printer Parts



Accessories

Ink Cartridges

| Cartridge | Part number |
|-----------|-------------|
| Black | T060120 |
| Cyan | T060220 |
| Magenta | T060320 |
| Yellow | T060420 |

Media

Epson® offers the following special papers for the Epson Stylus® CX7800:

| Paper name | Size | Part number |
|--|--------------------------|--|
| Epson Premium Bright White Paper | Letter (8.5 × 11 inches) | S041586 |
| Epson Photo Quality Ink Jet Paper | Letter (8.5 × 11 inches) | S041062 |
| | Legal (8.5 × 14 inches) | S041067 |
| | A4 (8.3 × 11.7 inches) | S041061 |
| Epson Ultra Premium Glossy Photo Paper | Borderless 4 × 6 inches | S041934 |
| | Letter (8.5 × 11 inches) | S041935 |
| Epson Premium Glossy Photo Paper | Borderless 4 × 6 inches | S041808 S041727 |
| | Borderless 5 × 7 inches | S041464 |
| | Borderless 8 × 10 inches | S041465 |
| | Letter (8.5 × 11 inches) | S041286 S041667 |
| | Letter (8.5 × 11 inches) | S041331 |
| Epson Premium Semigloss Photo Paper | Letter (8.5 × 11 inches) | S041331 |
| | Letter (8.5 × 11 inches) | S041134 S041671 S041458 S041809 |
| Epson Glossy Photo Paper | 4 × 6 inches | S041134 S041671 S041458 S041809 |
| | Letter (8.5 × 11 inches) | S041141 S041649 S041271 S041272 |
| Epson Matte Paper Heavyweight | Letter (8.5 × 11 inches) | S041257 |
| | Borderless 8 × 10 inches | S041467 |
| Epson Double-Sided Matte Paper | Letter (8.5 × 11 inches) | S041568 |

You can purchase genuine Epson ink and paper from an authorized Epson reseller. To find the nearest reseller, please call 800-GO-EPSON (800-463-7766). To purchase online, visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for reseller referral.

Specifications

Printing

Printing method On-demand ink jet

Nozzle configuration

Black 90 nozzles
Color 90 nozzles × 3 (cyan, magenta, yellow)

Print direction Bidirectional with logic seeking

Scanning

Scanner type Flatbed color

Photoelectric device CIS

Effective pixels 10,200 × 14,040 pixels at 1200 dpi

Document size US letter size or
8.5 × 11.7 inches (216 × 297 mm) A4

Scanning resolution 1200 dpi (main scan)
2400 dpi with Micro Step (sub scan)

Output resolution 50 to 4800, 7200, and 9600 dpi
(50 to 4800 dpi in 1 dpi increments)

Scanning speed Approximately 30 msec per line at
1200 dpi

Image data 16 bits per pixel per color internal
8 bits per pixel per color external
(maximum)

Light source RGB Three Color LED

Mechanical

Paper path Sheet feeder, top entry, front out

Sheet feeder capacity 100 sheets of 17 lb (64 g/m²) paper

Dimensions

Width: 17.0 inches (432 mm)
Depth: 16.3 inches (413.2 mm)
Height: 7.8 inches (198.8 mm)

Weight 17.2 lb (7.8 kg) without the ink cartridges

Interfaces

USB Interface

Standard Based on Universal Serial Bus
Specifications Revision 2.0, Universal
Serial Bus Device Class Definition for
Printing Devices Version 1.1

Bit rate 480 Mbps (High speed device)

Data encoding NRZI

Adaptable connector USB Series B

Recommended cable length Under 6.6 feet (2 meters)

Electrical

Rated voltage 120 V

Input voltage 90 to 132 V

Rated frequency range 50 to 60 Hz

Input frequency range 49.5 to 60.5 Hz

Rated current 0.4 A (Max. 0.7 A)

Power consumption

Approx. 13 W (ISO 10561 Letter Pattern)
Approx. 6.0 W in low-power mode
Approx. 1.5 W in sleep mode
Approx. 0.2 W in power-off mode

Environmental

Temperature

Operation 50 to 95 °F (10 to 35 °C)
Storage −4 to 104 °F (−20 to 40 °C)
1 month at 104 °F (40 °C)

Humidity (without condensation)

Operation 20 to 80% RH
Storage 5 to 85% RH

Safety Approvals

Safety standards UL 60950, CSA C22.2 No. 60950

EMC FCC part 15 subpart B class B

Ink Cartridges

| | |
|---|--|
| Colors | Cyan, magenta, yellow, black |
| Cartridge life | 6 months at 77 °F (25 °C) after opening the package |
| Temperature | |
| Storage | –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) |
| Freezing* | 3.2 °F (–16 °C) |
| * Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C). | |

Caution:

To ensure good results, use genuine Epson cartridges and do not refill them. Other products may cause damage to the printer not covered by Epson's warranty. Don't use an ink cartridge if the date on the package has expired.

Film Holder

| | |
|------------|---|
| Unit | |
| 35 mm film | max. 6 frames to 1 set |
| Slide film | max. 4 frames to 1 set (color positive film only) |
| Type | Color negative film Color positive film (strip) Color positive film (mount) Monochrome negative film |

Paper

Single sheets

| | |
|------------|---|
| Size | A4 (8.3 × 11.7 inches) A5 (5.8 × 8.3 inches) A6 (4.1 × 5.8 inches) Letter (8.5 × 11 inches) Legal (8.5 × 14 inches) Half-letter (5.5 × 8.5 inches) Executive (7.3 × 10.5 inches) 4 × 6 inches 5 × 7 inches 3.5 × 5 inches 8 × 10 inches User Defined up to 8.5 × 44 inches |
| Paper type | Plain bond paper or special paper distributed by Epson |
| Thickness | 0.003 to 0.004 inch (0.08 to 0.11 mm) |
| Weight | 17 lb (64 g/m ²) to 24 lb (90 g/m ²) (for plain bond paper) |

Envelopes

| | |
|------------|---|
| Size | No. 10 (4.1 × 9.5 inches) DL (4.3 × 8.7 inches) C6 (4.5 × 6.4 inches) |
| Paper type | Plain bond paper |
| Weight | 20 lb (75 g/m ²) to 24 lb (90 g/m ²) |

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 only under these conditions:

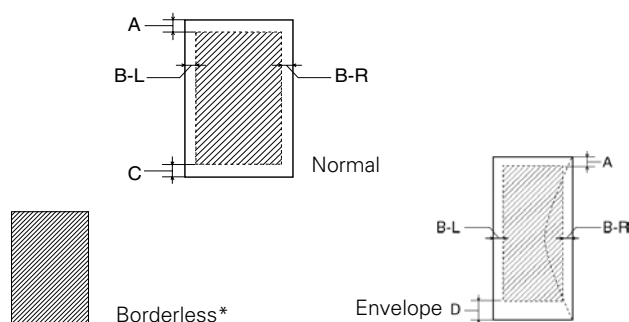
Temperature: 59 to 77 °F (15 to 25 °C)

Humidity: 40 to 60% RH

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.

Always load paper into the sheet feeder with the short edge first. Load envelopes flap edge left with the printable side up.

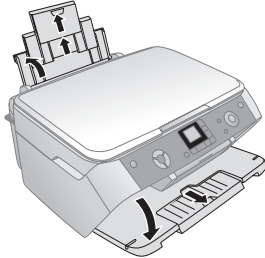
Printable Area



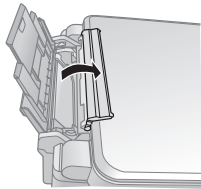
| | |
|-----|---|
| A | The minimum top margin is 0.12" (3.0 mm). |
| B-L | The minimum left margin is 0.12" (3.0 mm) for single sheets and 0.20" (5.0 mm) for envelopes. |
| B-R | The minimum right margin is 0.12" (3.0 mm) for single sheets and 0.20" (5.0 mm) for envelopes. |
| C | The minimum bottom margin is 0.12" (3.0 mm). |
| D | The minimum bottom margin is 0.78" (20 mm) for envelopes |
| * | When printing with the borderless feature, print quality may decline in the expanded area. Before printing large jobs with the borderless setting, print a single sheet to check print quality. |

Loading Paper

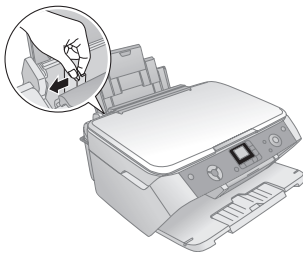
1. Open the paper support and output tray, then slide out the extensions.



2. Flip the feeder guard forward.



3. Slide the left edge guide to the left.

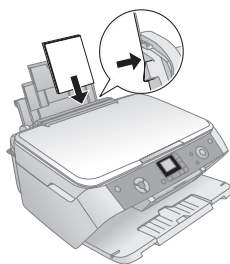
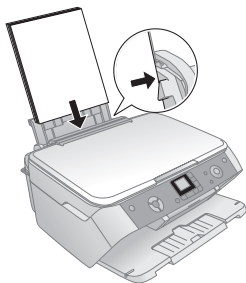


4. Insert the paper, printable side up, against the right edge guide. Always load it short edge first, even for landscape printing.

The printable side is often whiter or brighter than the other side.

Letter-size or
8 × 10-inch

4 × 6- or
5 × 7-inch

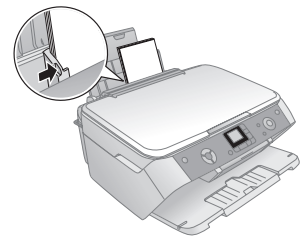
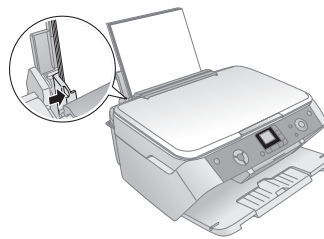


You can load up to 100 sheets of plain paper or up to 20 sheets of photo paper. (See the *User's Guide* for capacity guidelines on other paper types.)

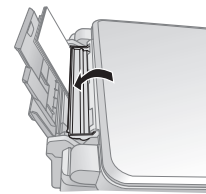
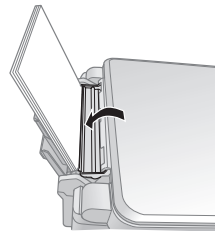
Note:


The type of paper you choose affects the way your printout looks, be sure to select the correct paper for your job. If you are making a copy or printing a rough draft of an image, plain paper is fine. However, for the best results, you'll want to use one of Epson's special ink jet papers designed for your printer. For example, your photos will look great printed on Epson Premium Glossy Photo Paper. See page 1 for more information.

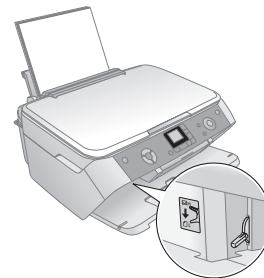
5. Slide the left edge guide against the left edge of the paper (but not too tightly).



6. Flip the feeder guard back.

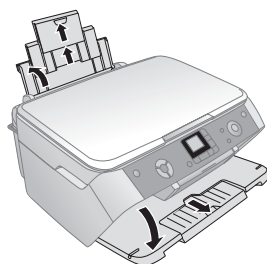


7. Make sure the paper thickness lever is set down to the  L position.

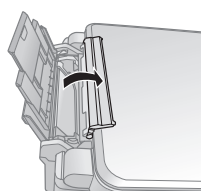


Envelopes

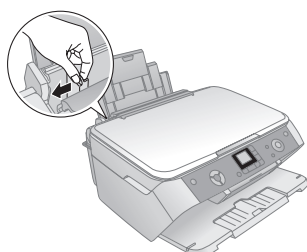
1. Open the paper support and output tray, then slide out the extensions.



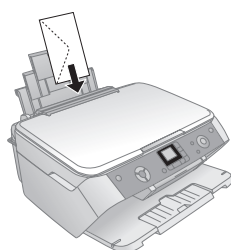
2. Flip the feeder guard forward.



3. Slide the left edge guide to the left.



4. Load up to 10 envelopes at a time, flap edge left, printable side up, against the right edge guide.



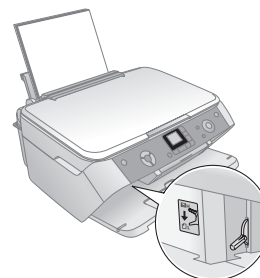
Load the flap
edge left,
printable side up

Note:

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

5. Slide the left edge guide against the envelopes (but not too tightly).
6. Flip the feeder guard back.

7. Set the paper thickness lever to the ☒ H position.



Select the following settings when printing on envelopes:

- ☐ Envelope as the paper Type or Media Type setting
- ☐ The correct envelope size as the Size or Paper Size setting
- ☐ Landscape as the Orientation setting

Paper Loading Capacity

When loading Epson ink jet papers, follow these capacity guidelines.

| Paper type | Loading capacity |
|--|------------------|
| Premium Bright White Paper | 80 sheets |
| Ultra Premium Glossy Photo Paper Premium Glossy Photo Paper Premium Semigloss Photo Paper Glossy Photo Paper Matte Paper Heavyweight Double-Sided Matte Paper | 20 sheets |
| Photo Quality Ink Jet Paper | 100 sheets |

Selecting the Correct Media Type

The table below lists the settings you should choose for your paper.

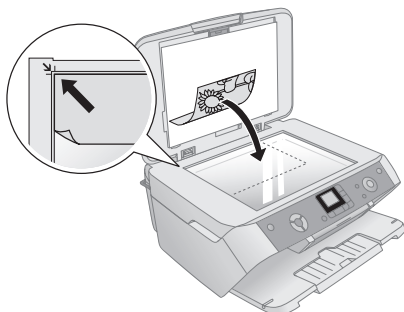
| For this paper | Select this setting |
|--|----------------------------------|
| Plain paper Epson Premium Bright White Paper | Plain Paper/Bright White Paper |
| Epson Matte Paper Heavyweight Epson Double-Sided Matte Paper Epson Photo Quality Ink Jet Paper | Matte Paper - Heavyweight |
| Epson Ultra Premium Glossy Photo Paper | Ultra Premium Glossy Photo Paper |
| Epson Premium Glossy Photo Paper | Premium Glossy Photo Paper |
| Epson Premium Semigloss Photo Paper | Premium Semigloss Photo Paper |
| Epson Glossy Photo Paper | Glossy Photo Paper |
| Envelopes | Envelope |

As with traditional photos, Epson recommends proper care that will minimize color changes and lengthen display life:

- ❑ Frame prints under glass or a protective plastic sleeve to protect them from atmospheric contaminants like humidity, smoke, and high levels of ozone.
- ❑ As with all photographs, keep your prints away from direct sunlight.
- ❑ For proper storage, keep your prints in a photo album or plastic photo storage box in acid-free, archival sleeves commonly available from most camera stores.
- ❑ Always keep unused paper in the original package.

Placing Originals for Copying or Scanning

1. Open the document cover and place your original face-down on the glass, in the upper left corner. Move your original about 0.2 inch (5 mm) away from the top and left edges so all of it will be copied.



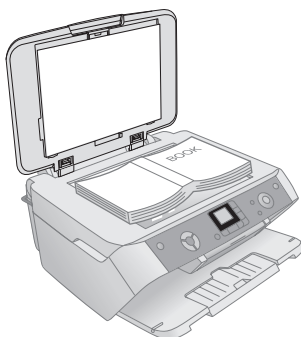
Move the original about 0.2 inch (5 mm) away from the top and left edges to avoid cropping

2. Close the document cover gently so that your original does not move.

Caution:

Never open the document cover beyond where it stops and do not place heavy objects on top of the Epson Stylus CX7800.

If you need to copy or scan a thick or large document, you can leave the document cover open.



If you need to press the document flat while you copy or scan it, do not press too hard and be careful not to move it.

Caution:

Do not use excessive force on the document cover, and do not twist it. You may damage the document cover.

When you are done, close the document cover.

Copying

You can make copies using either letter-size (8.5 × 11-inch) plain paper, or letter-size, 4 × 6-inch, or 5 × 7-inch photo paper.

Copying a Document

1. Make sure the Epson Stylus CX7800 is turned on.
2. Place the document on the glass as described on page 6. Be sure to close the document cover.
3. Load up to 100 sheets of letter-size plain paper, as described on page 4.
4. Press the **Copy** mode button. The 100% light turns on.
5. If you want your copies automatically reduced or enlarged to fit the loaded paper size, press the **Copy** mode button to select **Fit to Page**.
6. Press the **▲** or **▼ Copies** button to set the number of copies.
7. Press the **◀** or **▶ Photo/Options** button to select **Color** or **B&W** copy.
8. Press the paper type button to select **Plain Paper**. The light indicates which type is selected.
9. Press the paper size button to select **Letter**.
10. Press the **Start** button.






The **On** light flashes and the Epson Stylus CX7800 starts printing.

To cancel copying, press the **Stop/Clear Settings** button. Do not pull out paper that is being printed; it will be ejected automatically to the output tray.






Note:


The copies may not be exactly the same size as the original.


Copying a Photo

1. Make sure the Epson Stylus CX7800 is turned on.
2. Place the photo on the glass as described on page 6. Be sure to close the document cover.
3. Load up to 20 sheets of letter-size, 4 × 6-inch, or 5 × 7-inch photo paper, as described on page 4.
4. Press the  **Film/Photo** mode button.
5. Press the  or  **Photo/Options** button to select **Copy Photograph**.

When **Restoration ON** is also selected, the photo is copied with color restoration on. For more information, see page 9.

6. Press the  **Start** button.
- The  **On** light flashes and the Epson Stylus CX7800 scans the photograph and displays it on the LCD screen.
7. Press the  or  **Copies** button to select the number of copies.
8. Press the paper type button to select **Photo Paper**.
9. Press the paper size button to select **Letter, 4"×6"**, or **5"×7"**.
10. Press the  **Start** button.

The  **On** light flashes and the Epson Stylus CX7800 starts printing.

To cancel copying, press the  **Stop/Clear Settings** button. Do not pull out paper that is being printed; it will be ejected automatically to the output tray.

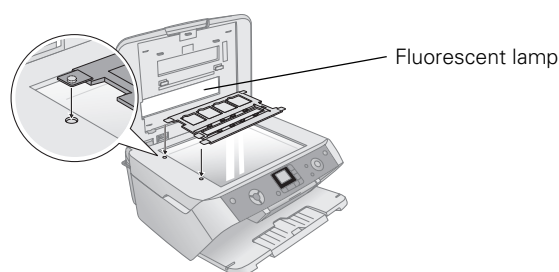
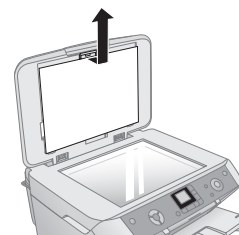
Note:

The copies may not be exactly the same size as the original.

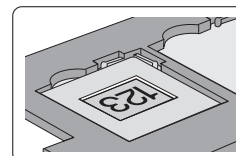


Placing 35mm Slides in the Holder

1. Open the document cover and remove the document mat. Pull up on the fastener at the top of the document mat. Then pull out the mat.
2. Place the film holder's tabs into the two small holes at the left edge of the glass. Make sure the cutouts for 35mm slides are toward the back of the glass to align them with the fluorescent lamp when you close the document cover.



3. Place your slides in the film holder in the orientation shown below with the shiny side up.



Note:

Make sure there is no gap between the holder and the document table; otherwise the prints may not be clear.

Continue with the steps on page 8 to scan and print your photos.

Making Prints from Slides or Negatives

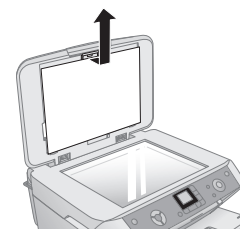
You can use the film holder that came with your Epson Stylus CX7800 to scan 35 mm slides, or strips of negative and positive film. To get professional results that look and feel like traditional photos, try one of the special Epson papers listed on page 1.

Before you scan and print see:

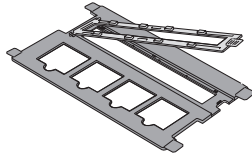
- ☐ "Placing 35mm Slides in the Holder" (see below)
- ☐ "Placing 35mm Film Strips in the Holder" on page 7

Placing 35mm Film Strips in the Holder

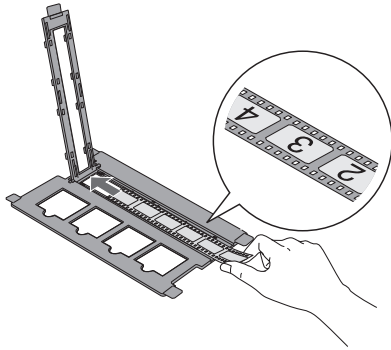
1. Open the document cover and remove the document mat. Pull up on the fastener at the top of the document mat. Then pull out the mat.



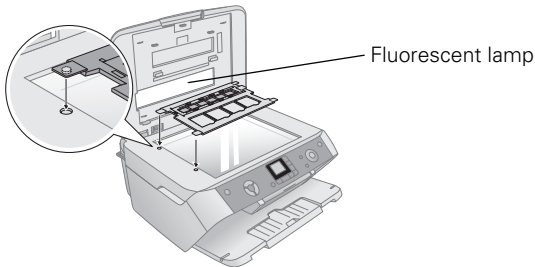
2. Open the film strip cover.



3. Slide the strip of film into the holder in the orientation show below with the shiny side up. (The images should not appear reversed.) Make sure the film slides under the tabs.



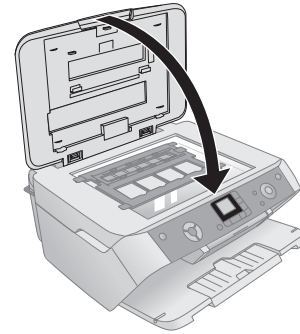
4. Close the film strip cover. Gently press until it clicks into place.
5. Place the holder's tabs into the two small holes at the left edge of the glass. Make sure the film strip is towards the back of the glass to align it with the fluorescent lamp when you close the document cover.




Continue with the steps below to scan and print your photos.

Scanning and Printing Your Photos



1. Close the document cover.



2. Load up to 20 sheets of letter-size, 4 × 6-inch, or 5 × 7-inch photo paper.
3. Press the  **Film/Photo** mode button.
4. Use the ◀ or ▶ **Photo/Options** button to select one of the following types of film:
 - ☐ **Negative Film:** for color negatives.
 - ☐ **Positive Film:** for positive color film
 - ☐ **Slides:** for slides
 - ☐ **B&W Negative Film:** for black and white negatives

Tip:

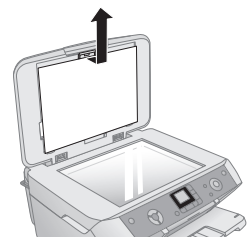
If your film is faded you can bring your photo back to life with color restoration. For more information, see page 9.

5. Press the  **Start** button. The film is scanned and a preview of the first photo appears on the LCD screen.
6. Press the ◀ or ▶ **Photo/Options** button to view the photos.
7. Press the ▲ or ▼ **Copies** button to select the number of copies to print of each photo.
8. If necessary, press the paper type button to select **Photo Paper** and the paper size button to select 4"×6" or 5"×7".
9. Press the  **Start** button again. Your photos are printed.

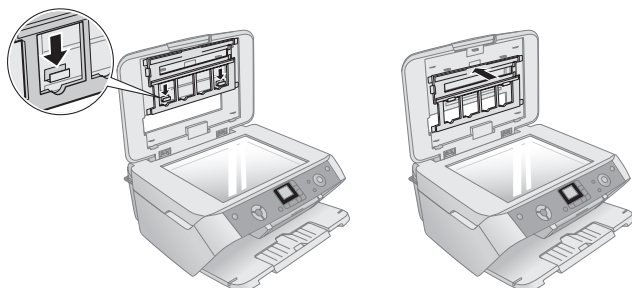
See below to store the film holder.

Storing the Film Holder

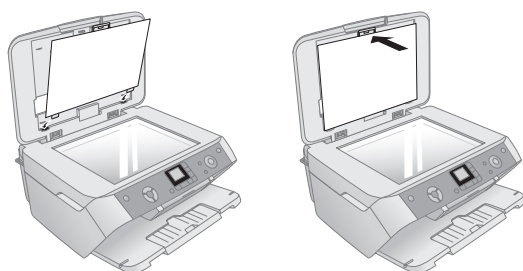
1. Open the document cover and remove the document mat. Pull up on the fastener at the top of the document mat. Then pull out the mat.



- With the film strip side on top and the pads facing the document cover, place the film holder inside the lower hooks on the document cover. Then push in the film holder.



- Set the clips at the bottom of the document mat into the slots on the document cover. Then push on the fastener at the top of the document mat.



Restoring Color in Faded Photos, Slides, and Negatives

If you have color-faded photos, negatives, or slides, you can bring them back to life using the Color Restoration feature.

- Load up to 20 sheets of letter-size, 4 × 6-inch, or 5 × 7-inch photo paper.
- Press the Film/Photo mode button.
- Press the or Photo/Options button to select the type of photo you want to restore:
 - ☐ Copy Photograph Restoration ON: for photos
 - ☐ Negative Film Restoration ON: for color negatives
 - ☐ Positive Film Restoration ON: for positive color film
 - ☐ Slides Restoration ON: for slides
 - ☐ B&W Negative Film Restoration ON: for black and white negatives
- Press the Start button. The photo or film is scanned and a preview of the photo appears on the LCD screen.
- Press the or Photo/Options button to view the photos.

- Press the or Copies button to select the number of copies to print.
- If necessary, press the paper type button to select **Photo Paper** and the paper size button to select 4"× 6" or 5"× 7".
- Press the Start button again. Your photos are printed.

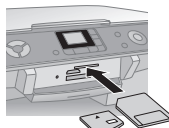
To cancel copying, press the Stop/Clear Settings button. Do not pull out paper that is being printed; it will be ejected automatically to the output tray.

Printing from a Memory Card

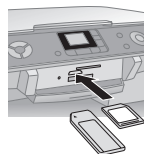
Compatible Cards and Image Formats

You can use the following types of cards with your Epson Stylus CX7800:

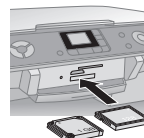
Top slot



Middle slot



Bottom slot



| Slot | Type of card |
|-------------|---|
| Top slot | SmartMedia™ xD-Picture Card™ xD-Picture Card Type M |
| Middle slot | MagicGate™ Memory Stick MagicGate Memory Stick Duo* Memory Stick™ Memory Stick Duo™* Memory Stick PRO™ Memory Stick Pro Duo™* MultiMediaCard SD™ Card miniSD™ Card* |
| Bottom slot | CompactFlash® Microdrive™ |

* Adapter required

The Epson Stylus CX7800 supports image files that meet the following requirements:

| | |
|-----------------|--|
| Media format | DCF version 1.0 or 2.0 compliant* |
| File format | JPEG, DOS FAT (FAT 12 or 16, one partition) taken with a DCF version 1.0 or 2.0 compliant digital camera Supports Exif version 2.21 |
| Image size | 80 × 80 pixels to 9200 × 9200 pixels |
| Number of files | Up to 999 |

* DCF is the "Design rule for Camera File system" standard

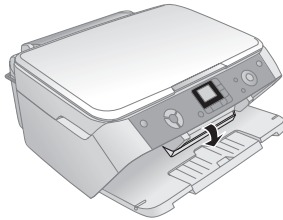
Inserting the Card

1. Make sure the Epson Stylus CX7800 is turned on.

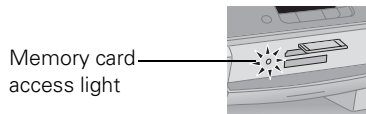
Note:

When you print directly from a memory card, it is best if the Epson Stylus CX7800 is not connected to your computer (or your computer is turned off).

2. Open the memory card door.



3. Make sure the memory card access light is off and that no cards are in any of the slots.
4. Insert your card into the correct slot. The memory card access light flashes and then stays on.



5. Close the memory card door. Now you can:
 - ☐ Print an index sheet so you can select which photos to print (see page 10)
 - ☐ Print all the photos on the card (see page 11)
 - ☐ Print selected photos (see page 11)
 - ☐ Print photos pre-selected on your camera using DPOF (see page 11)

Note:

You can print only in color when printing directly from a memory card; you cannot print in black and white.

When you want to remove the card, make sure the memory card access light is not flashing, then pull the card straight out of its slot.




Caution:

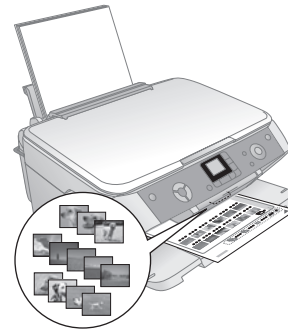
Do not remove the card or turn off the Epson Stylus CX7800 while the memory card access light is flashing; you may lose data on the card.


Printing an Index Sheet to Select Photos

You can print an index sheet to see small “thumbnail” images of all the photos on your card. After marking the photos on the index sheet that you want to print, the Epson Stylus CX7800 scans the sheet and automatically prints the selected photos.

Printing the Index Sheet

1. Make sure your Epson Stylus CX7800 is not connected to your computer (or your computer is turned off).
2. Load several sheets of letter-size, plain paper. (Use only letter-size paper to print the index sheet.) Up to 30 images are printed on each page, so if there are more than 30 photos on the memory card, you’ll need enough sheets for all the index pages to be printed.
3. Insert the memory card if it is not already in the slot (see page 10).
4. Press the  **Memory Card** mode button to select **Print Index Sheet**.
5. Press the  **Start** button. The  **On** light flashes, and the Epson Stylus CX7800 starts printing the index sheet(s). This may take a few minutes.



For multiple index sheets, the pages containing the most recent images are printed first. To cancel printing more sheets, press the  **Stop/Clear Settings** button.

Continue with the steps in the next section to select photos to print.

Selecting and Printing Photos on the Index Sheet

1. Once you have printed the index sheet, use a dark pen or pencil to fill in one of the circles beneath each photo you want to print to indicate how many copies you want (1, 2, or 3).

OK:



Not OK:

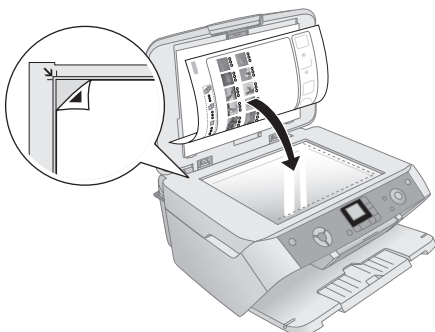


Make sure just one circle is filled in for each selected photo and mark the sheet carefully; once it has been scanned you will not be able to change your selections.

Note:

If you want one copy of all the photos on the index sheet, fill in the **ALL** circle at the top of the page.

- Place the index sheet face-down on the glass, in the upper left corner, so that the top of the sheet is aligned against the left edge of the glass.



- Close the document cover.
- Load up to 100 sheets of plain paper or up to 20 sheets of photo paper at a time (see page 4 for details). You can load more paper later as necessary to print all your selected photos.
- If necessary, press the **Memory Card** mode button to select **Print From Index Sheet**.
- Press the paper type button to select **Plain Paper**, **Photo Paper**, or **Matte Paper** (whichever you loaded).
If you select **Plain Paper**, the photos print with a white border. If you select **Photo Paper**, the photos print borderless, to the edge of the paper.
- Press the paper size button to select **Letter**, **4"x6"**, or **5"x7"**.
- Press the **Start** button to start printing.

Note:

To cancel printing, press the **Stop/Clear Settings** button.

- When you are done printing, remove the memory card by pulling it straight out of its slot.

Printing Selected Photos

Follows these steps to select and print photos without printing an index sheet.

- Make sure your Epson Stylus CX7800 is not connected to your computer (or your computer is turned off).
- Load several sheets of photo paper.

- Insert the memory card if it is not already in the slot (see the next section).

- Press the **Memory Card** mode button to select **Print Select**.

Note:

If your camera supports DPOF, you can use it to select the photos you want to print and the number of copies; see page 11.

- Press the **Photo/Options** button to select a photo.
- Press the **Copies** button to set the number of copies.
- Press the paper type button to select **Plain Paper**, **Photo Paper**, or **Matte Paper** (whichever you loaded).

If you select **Plain Paper**, the photos print with a white border. If you select **Photo Paper**, the photos print borderless, to the edge of the paper.

- Press the paper size button to select **Letter**, **4"x6"**, or **5"x7"**.
- Press the **Start** button to start printing.

Note:

To cancel printing, press the **Stop/Clear Settings** button.

- When you are done printing, remove the memory card by pulling it straight out of its slot.

Printing All Photos or DPOF Photos

Follow the steps below to print one copy of each photo on the card or to print only those photos that were pre-selected with your camera's DPOF feature.

Note:

See your camera's manual for instructions on selecting photos with DPOF.

- Insert the memory card if it is not already in the slot (see page 10).
- Load up to 100 sheets of plain paper or up to 20 sheets of photo paper at a time (see page 4 for details). You can load more paper later as necessary to print all your photos.
- Press the **Memory Card** mode button until the **Print All/PictBridge** light comes on.

Note:

If the memory card does not contain DPOF information, one copy of all the photos on the card will be printed.

If the memory card contains DPOF information, the following image appears on the LCD screen:



4. Press the paper type button to select **Plain Paper** or **Photo Paper** (whichever you loaded).

If you select **Plain Paper**, the photos print with a white border. If you select **Photo Paper**, the photos print borderless, to the edge of the paper.

5. Press the paper size button to select **Letter**, 4"x6", or 5"x7".
6. Press the **Start** button to start printing.

Note:

To cancel printing, press the **Stop/Clear Settings** button.

7. When you are done printing, remove the memory card by pulling it straight out of its slot.

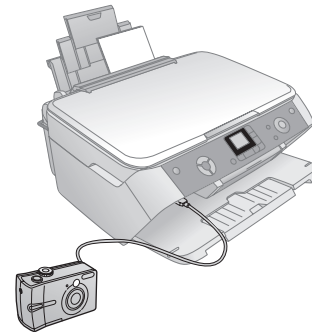
Printing from a Digital Camera

If your camera is PictBridge®- or USB DIRECT-PRINT™-compatible, you can print your JPEG photos by connecting your digital camera directly to your Epson Stylus CX7800. Your photos must be sized from 80 × 80 pixels to 9200 × 9200 pixels.

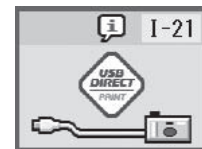
1. Make sure your Epson Stylus CX7800 is not printing from a computer.
2. Remove any memory cards from slots.
3. Load the type of paper you want to use (see page 4). Load enough sheets for the number of photos you'll be printing.
4. Press the **Memory Card** mode button to select **Print All/PictBridge**.
5. Press the paper type button to select **Plain Paper** or **Photo Paper** (whichever you loaded).

If you select **Plain Paper**, the photos print with a white border. If you select **Photo Paper**, the photos print borderless, to the edge of the paper.
6. Press the paper size button to select **Letter**, 4"x6", or 5"x7".

7. Connect the USB cable that came with your camera to the USB connector on the front of your Epson Stylus CX7800.



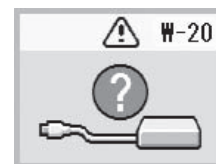
8. Turn on your camera. The **Print All/Pict Bridge** light turns on and one of the following icons is displayed on the LCD screen:



9. Use your camera to select the photos you want to print, adjust any necessary settings, and print your photos. See your camera's manual for details.

Note:

If your camera is not compatible with PictBridge or USB Direct Print, the icon shown below appears on the LCD screen. Epson cannot guarantee the compatibility of any cameras.



Depending on the Epson Stylus CX7800 settings and your digital camera settings, some combinations of paper type, size, and layout may not be supported. In addition, some of your digital camera settings may not be reflected in the printed output.

Scanning a Photo, Document, Film, or Slide

You can use your Epson Stylus CX7800 to scan a photo, document, film, or slide and save it on your computer.

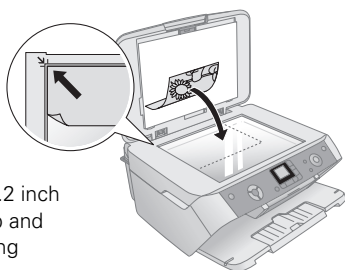
You can even automatically restore faded color photographs as you scan. For details, see your on-screen *User's Guide*.

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

- ❑ **Full Auto Mode** scans quickly and easily using automatic settings.
- ❑ **Home Mode** previews your image and provides automatic image adjustments, cropping tools, and preset options for various types of scans.
- ❑ **Professional Mode** previews your image and lets you manually configure your scan settings with a full array of tools.

You can scan from any TWAIN-compliant application—such as ArcSoft PhotoImpression™—using EPSON Scan. Or you can start EPSON Scan directly from your computer and save your image to a file.

1. To scan a photo or document, open the document cover and place your original face-down on the glass, in the upper left corner. Move your original about 0.2 inch (5 mm) away from the top and left edges so all of it will be scanned.



Move the original about 0.2 inch (5 mm) away from the top and left edges to avoid cropping

If you are scanning films or slides see page 7 for details on placing them in the film holder.

2. Close the document cover gently so you don't move the original or film holder.

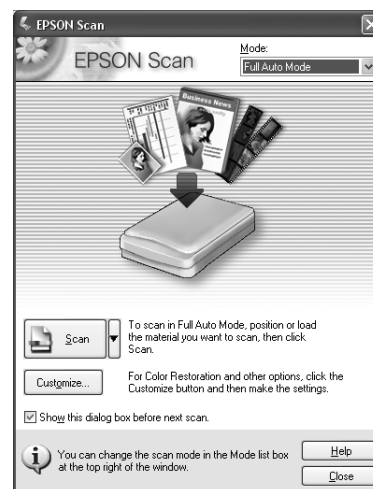
Note:

If you need to scan a large or thick document, you can leave the document cover open; see page 6.

3. Do one of the following to start EPSON Scan:

- ❑ **Windows:** Double-click the EPSON Scan icon on your desktop.
- ❑ **Macintosh:** Double-click EPSON Scan in the Applications folder.
- ❑ If you are scanning from an application, start your application. Then open the File menu, choose **Import** or **Acquire**, and select **Epson Stylus CX7800**.

You see the EPSON Scan standby window:



4. If the Mode setting in the upper right corner is set to **Full Auto Mode**, click the **Scan** button.

Note:

If you want to automatically restore a color photo, film, or slide as you scan, click the **Customize** button and see your on-screen *User's Guide* for instructions.

If you are scanning film strips or slides, Full Auto Mode can only scan 35mm color negative film strips or slides. To scan black and white film or slides, use Home or Professional mode. For details, see the on-screen *User's Guide*.

If you are in Home or Professional Mode, you see a different EPSON Scan settings window. (You can change the mode using the Mode selector in the upper right corner. For details, see the on-screen *User's Guide*.)

5. You see the File Save Settings window:



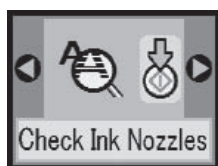
Choose the location where you want to save your scanned file and type a name for it in the Prefix box. Select a file format in the Image Format box.

6. Click **OK**. The image is scanned and you see its icon in an open folder.

Checking the Print Head Nozzles

If your printouts are faint or have gaps in them, some of the nozzles in the print head may be clogged or ink may be running low in one or more of the ink cartridges. Follow the steps below to check the print head nozzles.

1. Make sure the Epson Stylus CX7800 is turned on but not printing, and the Δ ink low icon is not displayed in the upper-left corner of the LCD screen. (If the Δ ink low icon is displayed, you need to replace an ink cartridge; see page 15.)
2. Load a few sheets of letter-size plain paper.
3. Press the **Setup/Utilities** button.
4. Press the \blacktriangleleft or \blacktriangleright **Photo/Options** button to select **Check Ink Nozzles**.

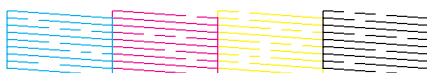


5. Press the \diamond **Start** button. The nozzle check pattern prints:

Print head does not need to be cleaned:



Print head needs to be cleaned:



6. If there are no gaps or lines, press the **Setup/Utilities** button to return to the previous mode.

If there are gaps or lines, or the test patterns are faint, clean the print head as described below.

Note:

You can also check the nozzles with software when connected to a computer; see your on-screen *User's Guide* for details.

Cleaning the Print Head

If your printouts are unexpectedly light or faint, or you notice light or dark bands across your printout, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Run a nozzle check as described on page 14 to see if the print head needs cleaning.

Note:

Print head cleaning uses ink, so clean it only if quality declines and the nozzle check indicates that the print head needs to be cleaned.

1. Make sure the Epson Stylus CX7800 is turned on but not printing, and the Δ ink low icon is not displayed in the upper-left corner of the LCD screen. (If the Δ ink low icon is displayed, you need to replace an ink cartridge before cleaning the print head; see page 15.)
2. Load a few sheets of letter-size plain paper.
3. Press the **Setup/Utilities** button.
4. Press the \blacktriangleleft or \blacktriangleright **Photo/Options** button to select **Clean Print Head**. Then press the \diamond **Start** button.



5. Press the \diamond **Start** button again.

The Epson Stylus CX7800 runs a head cleaning cycle and the processing icon appears on the LCD screen. Cleaning takes approximately 30 seconds.

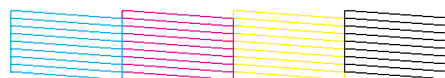


Caution:

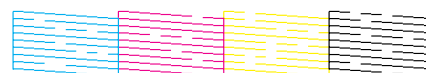
Never turn off the Epson Stylus CX7800 while head cleaning is in progress. You may damage it.

6. When cleaning finishes, make sure paper is loaded in the Epson Stylus CX7800. Press the \blacktriangleleft or \blacktriangleright **Photo/Options** button to select **Check Ink Nozzles**. Then press the \diamond **Start** button.

Print head does not need to be cleaned:



Print head needs to be cleaned:



7. If there are no gaps or lines, press the **Setup/Utilities** button to return to the previous mode.

If there are gaps or lines, or the test patterns are faint, clean the print head again.

If you don't see any improvement after cleaning four or five times, see your *Basics Guide* for problem solving. You can also turn the printer off and wait overnight. This lets any dried ink soften. Then try cleaning the print head again.

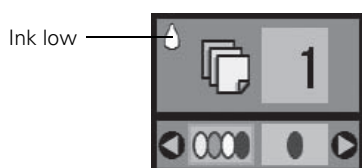
Tip:

If you do not use your Epson Stylus CX7800 often, it is a good idea to print a few pages at least once a month to maintain good print quality.

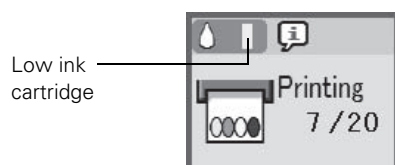
Replacing Ink Cartridges

The LCD screen indicates when an ink cartridge is low or needs to be replaced:

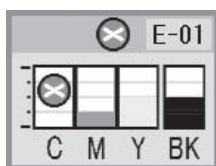
- ❑ When an ink cartridge is low, you see the Δ ink low icon in the upper-left corner of the LCD screen.



- ❑ When printing or copying, a colored bar showing which ink cartridge is low appears next to the Δ ink low icon.



- ❑ When an ink cartridge is empty, the LCD screen displays the ink levels and indicates the empty cartridge. (You cannot print when a cartridge is empty.)



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 even if the Δ ink low icon is not displayed on the LCD screen.

You can purchase genuine Epson ink and paper from an authorized Epson reseller. To find the nearest reseller, please call 800-GO-EPSON (800-463-7766). To purchase online, visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for reseller referral.

Caution:

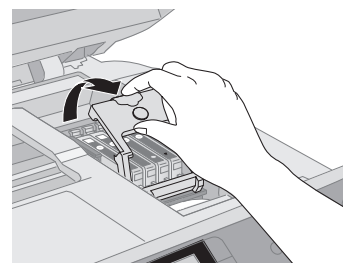
Leave the empty cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out.

We recommend that you use genuine Epson cartridges. The use of other products may affect your print quality and could result in printer damage. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. The printer ships with full cartridges and part of the ink from the first cartridges is used for priming the printer.

1. Make sure the Epson Stylus CX7800 is turned on.
2. If an ink cartridge is empty, the LCD screen displays the ink levels and indicates the empty cartridge. Press the \Diamond Start button.

If an ink cartridge is low, the Δ ink low icon appears on the LCD screen. Press the Setup/Utilities button. Press the \blacktriangleleft or \blacktriangleright Photo/Options button to select Change Cartridges, then press the \Diamond Start button. At the confirmation screen, press the \Diamond Start button again.

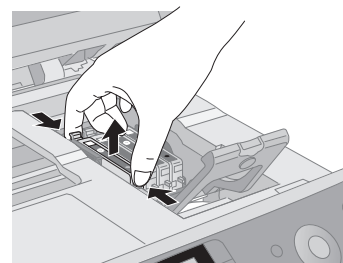
3. Open the cartridge cover.



Caution:

Never attempt to open the cartridge cover while the print head is moving. Wait until the cartridges have moved to the replacement position.

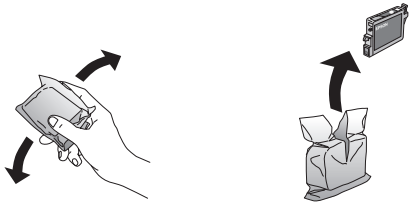
4. Squeeze the tab at the back of the cartridge and lift it straight out. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.



Warning:

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.

- Before you open the new ink cartridge package, shake it four or five times. Then remove it from the package.



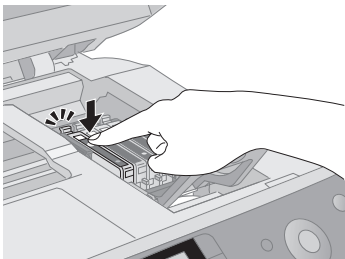
Caution:

Do not remove or tear the label on the cartridge; otherwise, ink will leak.

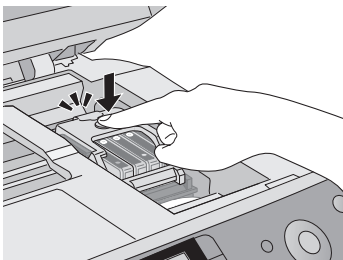
Do not touch the green chip on the front of the cartridge. This can damage the ink cartridge.



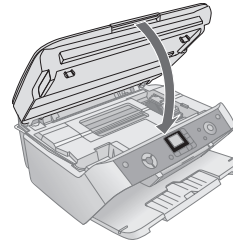
- Place the new ink cartridge into the cartridge holder and push it down until it clicks into place.



- Replace any other cartridges that need to be replaced.
- Close the ink cartridge cover and press it until it clicks into place.



- Close the scanner.



- Press the **Start** button. The Epson Stylus CX7800 begins charging ink and the **On** light starts flashing. This takes about one minute. When it's finished, the **On** light stops flashing and remains on.

Caution:

Never turn off the Epson Stylus CX7800 while the **On** light is flashing or you'll waste ink.


- Press the **Setup/Utilities** button to return to the previous mode.

Aligning the Print Head

If your printouts look grainy or blurry, or you see light or dark horizontal banding, you may need to align the print head.

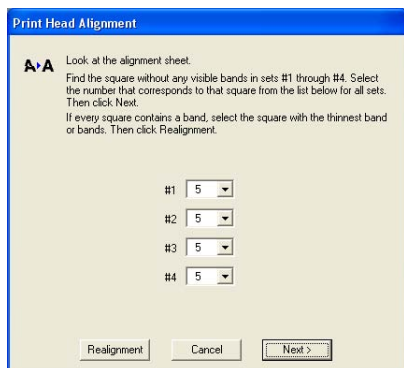
Note:

Banding may also occur if your cartridges are low on ink or you need to clean the print head.

- Turn on the Epson Stylus CX7800.
- Load several sheets of paper.
- Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen). Select **Print Head Alignment**.

Macintosh OS X: Open the **Applications** folder and select **EPSON Printer Utility**. Select your Epson Stylus CX7800 in the printer list, click **OK**, and select **Print Head Alignment**.

- Follow the instructions on the screen to print a vertical alignment sheet. You see a window like this one:



- Look at the four sets of patterns in your printout. For each set, if you see a pattern with no visible vertical lines, enter its number in the corresponding box on the screen and click **Next**.

If you can't find an aligned pattern, choose the one that looks the best. Click **Realignment** and then **Print** to print another alignment sheet and repeat this step.

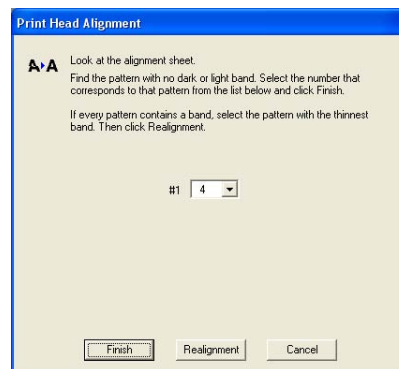
- Click **Print** to print a black horizontal alignment sheet. After it's printed, you see a window like this one:



- Look at the printout and select the pattern with no gap or line between the rectangles. Enter the number for that pattern in the box on the screen and click **Next**.

If you can't find an aligned pattern, choose the one that looks the best. Then click **Realignment** and then **Print** to print another alignment sheet and repeat this step.

- Click **Print** to print a color horizontal alignment sheet. After it's printed, you see a window like this one:



- Look at the printout and find the pattern with no gap or line between the rectangles and enter its number in the box on the screen.

If you can't find an aligned pattern, choose the one that looks the best. Then click **Realignment** and then **Print** to print another alignment sheet and repeat this step.

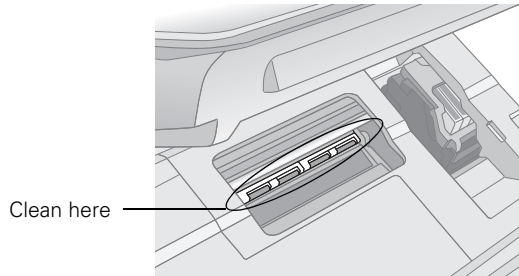
- Click **Finish** to close the Print Head Alignment Utility.

Cleaning the Printer

To keep your Epson Stylus CX7800 working at its best, you should clean it several times a year.

- Turn off the Epson Stylus CX7800, unplug the power cord, and disconnect the USB cable.
- Remove all the paper, then use a soft brush to clean the sheet feeder.
- If the glass surface of the document table is dirty, clean it with a soft, dry, lint-free cloth, or use a small amount of glass cleaner on a soft cloth to clean it. **Do not spray glass cleaner directly on the glass.**
- If the outer case or inside of the sheet feeder is dirty, clean it with a soft cloth dampened with mild detergent. Keep the scanner section closed to prevent water from getting inside.

5. If ink accidentally gets inside the printer, wipe it off with a damp cloth.



Warning:

Don't touch the gears or any other parts inside the Epson Stylus CX7800.

Caution:

Never use a hard or abrasive brush, or benzene, alcohol, or paint thinner for cleaning; they can damage the Epson Stylus CX7800 components and case.

Don't get water on the Epson Stylus CX7800 components and don't spray lubricants or oils inside the Epson Stylus CX7800.

6. Close the scanner section, push in the output tray extension, and close the output tray.
7. Repack the Epson Stylus CX7800 in the original box using the protective materials that came with it.

Keep the Epson Stylus CX7800 level as you transport it.

After transporting the Epson Stylus CX7800, remove the tape securing the print head, plug in the Epson Stylus CX7800, and turn it on. If you notice a decline in print quality, clean the print head (see page 14); if output is misaligned, align the print head (see page 16).

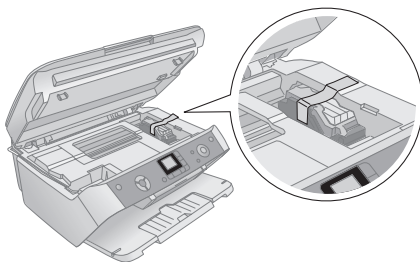
Related Documentation

| | |
|-----------|--|
| CPD-20264 | Epson Stylus CX7800 <i>Start Here</i> |
| CPD-20267 | Epson Stylus CX7800 <i>Basics Guide</i> |
| CPD-20266 | Epson Stylus CX7800 CD-ROM with electronic <i>User's Guide</i> |
| CPD-20265 | <i>Photo Projects Made Easy</i> booklet |

Transporting the Printer

If you need to ship your Epson Stylus CX7800 all-in-one, you must prepare it for transportation by packing it in its original box or one of a similar size.

1. Turn off the Epson Stylus CX7800.
2. Remove any paper from the sheet feeder and close the paper support.
3. Unplug the power cord from the electrical outlet. Then disconnect the USB cable from the Epson Stylus CX7800.
4. Open the scanner section and make sure the ink cartridge holder is in the home position on the right.
5. Secure the ink cartridge holder (print head) to the case with tape.



Caution:

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