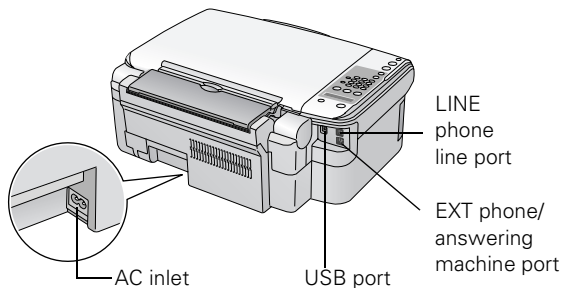
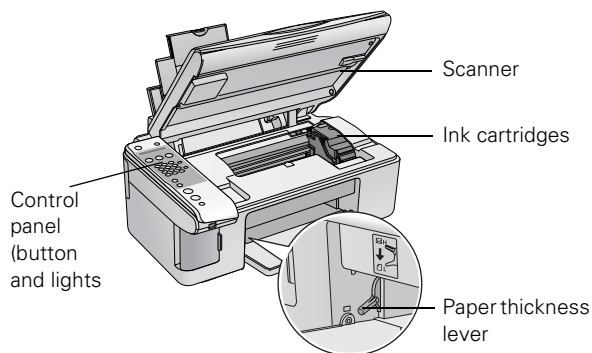
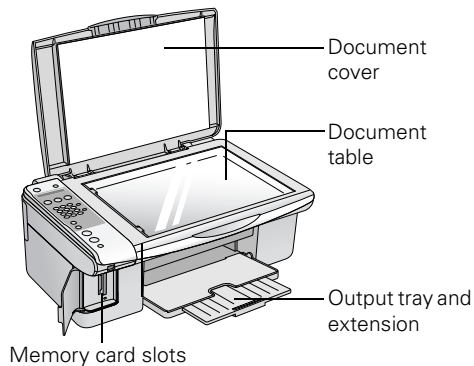
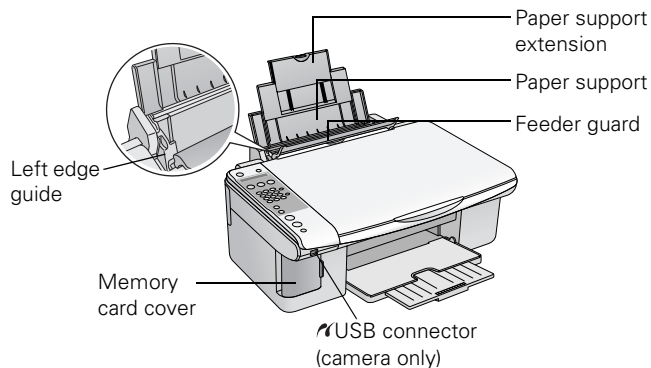


Epson Stylus CX7000F Series Parts



Accessories

Media

Paper name	Size	Part number
Epson Ultra Premium Photo Paper Glossy	Borderless 4 x 6 inches	S041934
Epson Ultra Premium Glossy Photo Paper	Letter (8.5 x 11 inches)	S041935
Epson Premium Photo Paper Glossy	Borderless 4 x 6 inches	S041808
Epson Premium Glossy Photo Paper	Borderless 5 x 7 inches	S041464
	Borderless 8 x 10 inches	S041465
	Letter (8.5 x 11 inches)	S041286 S041667
Epson Premium Photo Paper Semi-gloss	Borderless 4 x 6 inches	S041982
Epson Premium Semigloss Photo Paper		
Epson Photo Paper Glossy	Borderless 4 x 6 inches	S041809 S042038
Epson Glossy Photo Paper	Letter (8.5 x 11 inches)	S041141 S041649
Epson Bright White Paper	Letter (8.5 x 11 inches)	S041586
Epson Premium Bright White Paper		
Epson Premium Presentation Paper Matte	Borderless (8 x 10 inches)	S041467
Epson Matte Paper Heavyweight	Letter (8.5 x 11 inches)	S041257
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 x 11 inches)	S041568
Epson Double-Sided Matte Paper		
Epson Presentation Paper Matte	Letter (8.5 x 11 inches)	S041062
Epson Photo Quality Ink Jet Paper		
Epson Photo Quality Self-Adhesive Sheets	8.3 x 11.7	S041106
Epson Iron-On Transfer Paper	Letter (8.5 x 11 inches)	S041153
PremierArt Matte Scrapbook Photo Paper for Epson	Letter (8.5 x 11 inches)	SCR1002

DURABrite Ultra Ink Cartridges

Color	Part number
Black	69 (T069120)
Cyan	69 (T069220)
Magenta	69 (T069320)
Yellow	69 (T069420)
High-Capacity Black*	68 (T068120)

* The high-capacity 68 black cartridge is available online at www.epson.com/highcapacity (U.S. sales) and www.epson.ca (Canadian sales).

Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	Black: 90 nozzles Color: 270 nozzles (90 each cartridge: cyan, magenta, yellow)
Print direction	Bidirectional with logic seeking

Ink Cartridges

Color	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 ink cartridges and do not refill them. Other products may cause damage to your printer not covered by Epson's warranty. Do not use an ink cartridge if the date on the package has expired.

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) A6 (4.1 × 5.8 inches) Letter (8.5 × 11 inches) Legal (8.5 × 14 inches) Half-letter (5.5 × 8.5 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 0.005 inch (0.08 to 0.13 mm)
Weight	17 to 24 lb (64 to 90 g/m ²) (for plain bond paper)

Envelopes

Size	No. 10 (4.1 × 9.5 inches)
Paper type	Plain bond paper
Weight	20 to 24 lb (75 to 90 g/m ²)

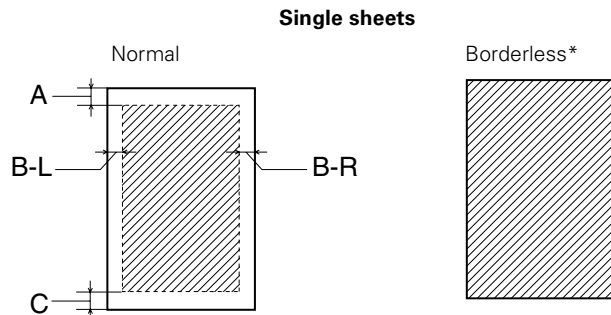
Note:

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.

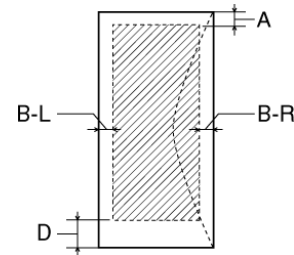
Use paper only under these conditions:
Temperature: 59 to 77 °F (15 to 25 °C)
Humidity: 40 to 60% RH

Printable Area



* When printing with the borderless feature, print quality may decline in the expanded area. Before printing large jobs using the borderless setting, print a single sheet to confirm printout quality.

Envelopes



A:	The minimum top margin is 0.12" (3 mm).
B-L:	The minimum left margin is 0.12" (3 mm); 0.20" (5 mm) for envelopes.
B-R:	The minimum right margin is 0.12" (3 mm); 0.20" (5 mm) for envelopes.
C:	The minimum bottom margin is 0.12" (3 mm).
D:	The minimum bottom margin is 0.78" (20 mm) for envelopes.

Note:

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

Scanning

Scanner type	Flatbed color
Photoelectric device	CIS
Effective pixels	10,200 × 14,040 pixels at 1200 dpi
Document size	8.5 × 11.7 inches (216 × 297 mm) A4 or US letter size
Scanning resolution	1200 dpi (main scan) 2400 dpi with Micro Step Drive™ (sub scan) 48 bit (input) 24 bit (output)
Output resolution	50 to 4800, 7200, and 9600 dpi (50 to 4800 dpi in 1 dpi increments)
Scanning speed	Color: Approx. 15 msec per line at 600 dpi
Image data	16 bits per pixel per color internal 8 bits per pixel per color external (maximum)
Interface	One USB port
Light source	RGB three color LED

Mechanical

Paper path	Sheet feeder, top entry
Sheet feeder capacity	About 100 sheets at 17 lb (64 g/m ²)
Dimensions	Width: 18.2 inches (463 mm) Depth: 13.9 inches (353 mm) Height: 7.2 inches (184 mm) (with the output tray and paper support closed)
Weight	15.2 lb (6.9 kg) without the ink cartridges

Electrical

Input voltage	90 to 132 V
Rated frequency	50 to 60 Hz
Rated current	1.2 A
Power consumption	Approx. 18 W (operating) Approx. 10 W in idle mode Approx. 1 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)
Humidity	Operation: 20 to 80% RH Storage: 5 to 85% RH (without condensation)

USB Interface

Standard	Based on Universal Serial Bus Specifications Revision 2.0
Bit rate	480 Mbps (high speed device)
Adaptable connector	USB Series B
Cable length	Less than 6.6 feet (2 meters)

Safety Approvals

Safety	UL 60950-1 (U.S.) CSA C22.2 No. 60950-1 (Canada)
EMC	FCC part 15 Subpart B Class B (U.S.) CAN/CSA-CEI/IEC CISPR 22 Class B (Canada)
Telecom regulations	FCC Part 68 (U.S.) ICC CS03 (Canada)

Memory Card Slots

Compatible memory cards	CompactFlash® SmartMedia™ Memory Stick™ Memory Stick PRO™ Memory Stick Duo™* Memory Stick PRO Duo™* MagicGate® Memory Stick MagicGate Memory Stick Duo™* Microdrive™ SD™ (Secure Digital) SDHC™ miniSD™* miniSDHC* microSD* microSDHC* MultiMediaCard™ xD-Picture Card™ xD-Picture Card Type H xD-Picture Card Type M
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Voltage requirements	3.3 V Maximum current is 500 mA
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* Adapter required

Memory Card Slot Compatibility

CF Type II card slot	Compatible with CF+ and CompactFlash Specification 3.0 cards
SmartMedia card slot	Compatible with SmartMedia Standard 2000 cards

Epson Stylus CX7000F Series

Memory Stick/
MemoryStick PRO
card slot Compatible with Memory Stick
Standard version 1.42-00 or Memory
Stick Standard Memory Stick PRO
Format Specifications version 1.02-00
cards

SD/MMC
card slot Compatible with SD Memory Card
Specifications / PART1. Physical Layer
Specification Version 2.0 cards and
MultiMediaCard Standard Version 4.1
cards

xD-Picture
card slot Compatible with xD-Picture cards.
Card Specification Version 1.20 cards
Type Hand Type M cards

Memory Card Image File Requirements

Media format DCF version 1.0 or 2.0 compliant*

File format JPEG
Supports Exif version 2.21

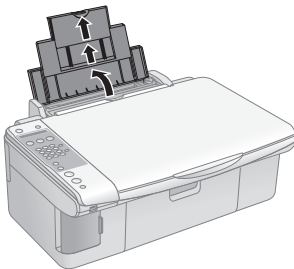
Image size 80 × 80 pixels to 9200 × 9200 pixels

Number of files Up to 999

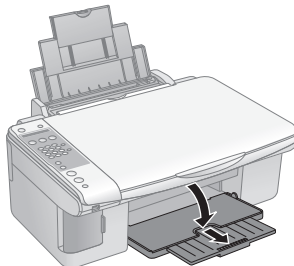
* DCF is the "Design rule for Camera File system" standard

Loading Paper

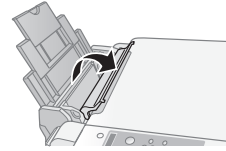
1. Open the paper support and slide out the extensions.



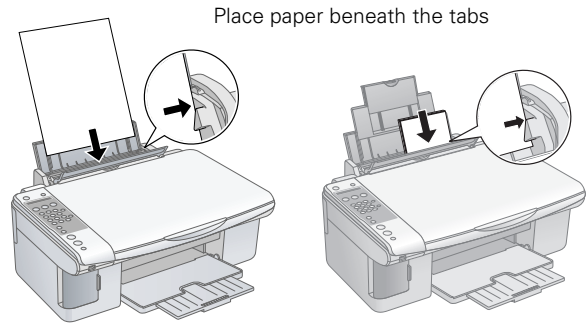
2. Open the output tray and pull out the extension.



3. Flip the feeder guard forward.



4. Insert the paper, printable side up, against the right edge guide and beneath the tabs. (The printed side is whiter or brighter on some papers.) Always load paper short edge first, even for landscape printing.



Place paper beneath the tabs

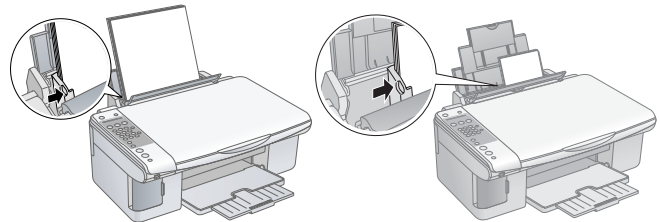


You can load up to 100 sheets of plain paper and up to 20 sheets of photo or matte paper (see page 5 for capacity guidelines on other paper types).

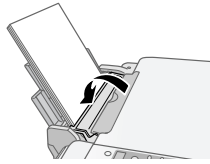
Note:

The type of paper you choose affects the way your printout looks, so be sure to select the correct paper for your job. If you are just 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 Ultra Premium Photo Paper Glossy (see page 1 for more information).

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



- Flip the feeder guard back.



Follow these guidelines when loading paper:

- Don't load paper above the arrow on the left edge guide. Make sure the paper is under the tabs on the left and right edge guides.
- Load the printable side face-up. It's often brighter or whiter than the other side.
- Always load the short edge first, even when printing in landscape mode.
- Load letterhead or preprinted paper into the printer top edge first.
- If you experience paper feeding problems, try loading fewer sheets.
- If you're using special paper, check the package for special loading instructions.

Note:

For instructions on loading envelopes, see the *User's Guide*.

Paper Loading Capacity

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

Paper type	Loading capacity
Epson Bright White Paper Epson Premium Bright White Paper	80 sheets
Epson Ultra Premium Photo Paper Glossy Epson Ultra Premium Glossy Photo Paper Epson Premium Photo Paper Glossy Epson Premium Glossy Photo Paper Epson Premium Photo Paper Semi-gloss Epson Premium Semigloss Photo Paper Epson Photo Paper Glossy Epson Glossy Photo Paper Epson Premium Presentation Paper Matte Epson Matte Paper Heavyweight Epson Premium Presentation Paper Matte Double-sided Epson Double-Sided Matte Paper	20 sheets
Epson Presentation Paper Matte Epson Photo Quality Ink Jet Paper	100 sheets
Epson Photo Quality Self-Adhesive Sheets Epson Iron-On Transfer Paper PremierArt Matte Scrapbook Photo Paper for Epson	1 sheet

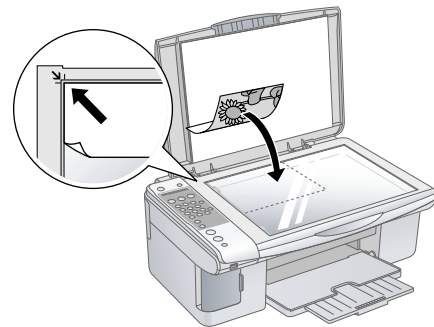
Selecting the Correct Media Type Setting

The table below lists the settings you should choose for your paper in the printer software:

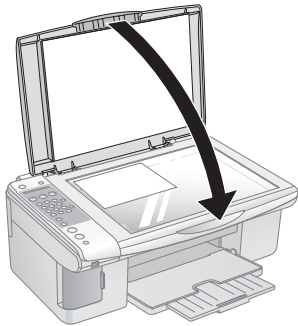
Paper	Type or Media Type setting
Plain paper Epson Bright White Paper Epson Premium Bright White Paper	Plain Paper / Bright White Paper
Epson Ultra Premium Photo Paper Glossy Epson Ultra Premium Glossy Photo Paper	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy Epson Premium Glossy Photo Paper	Premium Photo Paper Glossy
Epson Photo Paper Glossy Epson Glossy Photo Paper	Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss Epson Premium Semigloss Photo Paper	Premium Photo Paper Semi-Gloss
Epson Premium Presentation Paper Matte Epson Matte Paper Heavyweight Epson Premium Presentation Paper Matte Double-sided Epson Double-Sided Matte Paper Epson Presentation Paper Matte Epson Photo Quality Ink Jet Paper Epson Photo Quality Self-Adhesive Sheets Epson Iron-On Transfer Paper PremierArt Matte Scrapbook Photo Paper for Epson	Premium Presentation Paper Matte
Envelopes	Envelope

Placing Originals on the Glass

- Open the document cover and place your original face-down on the glass, in the upper left corner.



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

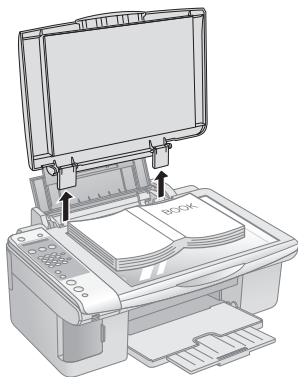


Caution:

Do not place heavy objects on the document table glass, and do not press the glass with too much force. Do not open the document cover beyond where it stops.

Placing Large or Thick Documents

When you scan a large or thick document, you can remove the document cover. Just open it and pull it straight up.



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:


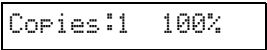
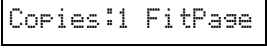
Do not use excessive force on the document cover, and do not twist it diagonally. You may damage the document cover.

When you are done, replace the document cover by inserting the tabs back into the slots.

Copying

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

Copying a Document

1. Press the **On** button to turn on the CX7000F Series. You see a screen like this:

2. Place the document on the glass as described on page 5. Be sure to close the document cover.
3. Load up to 100 sheets of letter-size plain paper. See page 4 for details.
4. Press the **Copy** button. You see this display:

5. If you want your copies automatically reduced or enlarged to fit the loaded paper size (**Fit to Page** mode), press the **Copy** button again. The display changes to this:

6. To make multiple copies (up to 99), press the number keys on the numeric keypad. The display shows the number you select.

Note:

To exit Copy mode, press the **Cancel/Back** button.

7. Press the paper type button to select **Plain Paper**. The light indicates which type is selected.
8. Press the paper size button to select **Letter**.
9. To make a color copy, press the **Start Color/OK** button. To make a black and white copy, press the **Start B&W** button.

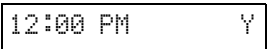
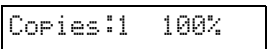
Printing appears on the display and the CX7000F Series starts copying.

If you need to stop copying, press the **Cancel/Back** 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. Press the **On** button to turn on the CX7000F Series. You see a screen like this:

2. Place the photo on the glass as described on page 5. 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 (see page 4 for details).
4. Press the **Copy** button. You see this display:


- If you want borderless photos (printed without a white border), press the **Copy** button again to select **Fit to Page** mode. (If you select **100%**, photos are printed with a border.) The display changes to this:

Copies:1 FitPage

- To make multiple copies (up to 99), press the number keys on the numeric keypad. The display shows the number you select.

Note:

To exit Copy mode, press the **Cancel/Back** button.

- Press the paper type button to select **Photo Paper**.
- Press the paper size button to select **Letter, 4" x 6"**, or **5" x 7"**.
- To make a color copy, press the **Start Color/OK** button.
To make a black and white copy, press the **Start B&W** button.

Printing appears on the display and the CX7000F Series starts copying.

If you need to stop copying, just press the **Cancel/Back** 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.

When making a lot of copies, it is a good idea to remove the printed copies from the output tray after every 10 sheets or so.

Making a Quick Copy

If you want to make a copy quickly and do not need high quality, you can print a "draft" copy. The print quality is reduced, but the copy is printed faster.

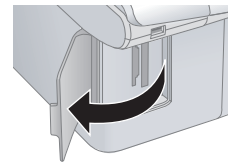
- Load plain, letter-size paper and select **Plain Paper** and **Letter** size on the control panel.
- Press the **Copy** button. If you want your copies automatically reduced or enlarged to fit the loaded paper size, press the **Copy** button again to select **Fit to Page** mode.
- When you are ready to copy, press and hold the **Cancel/Back** button, then press and hold the **Start Color/OK** button (to copy in color). When you see **Color Draft Mode** on the display, release both buttons. Printing appears on the display.

To make a black and white copy, press and hold the **Cancel/Back** button, then press and hold the **Start B&W** button. When you see **B/W Draft Mode** on the display, release both buttons. Printing appears on the display.

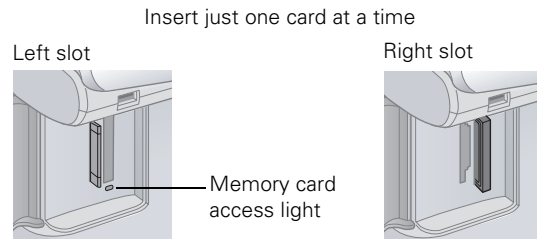
Printing From a Memory Card

Inserting the Memory Card

- Make sure the CX7000F Series is turned on.
- Open the memory card door.



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



Slot	Type of card
Right slot	CompactFlash Microdrive
Left slot	SD SDHC miniSD* miniSDHC* microSD* microSDHC* MultiMediaCard Memory Stick Memory Stick Duo* Memory Stick PRO Memory Stick PRO Duo* MagicGate Memory Stick MagicGate Memory Stick Duo* SmartMedia xD-Picture Card xD-Picture Card Type H xD-Picture Card Type M

* Adapter required

4. Now you can:

- Print an index sheet so you can select which photos to print (see below)
- Print all the photos on the card (see page 9)
- Print photos pre-selected on your camera using DPOF (see page 9)

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:

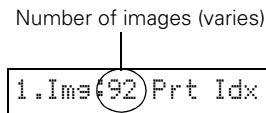
Do not remove the card or turn off the CX7000F Series while the memory card access light is flashing; you may lose data on the card.

Printing an Index Sheet

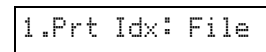
You can print an index sheet (which is like a photographer’s contact or proof sheet) to see small “thumbnail” images of all the pictures on your card. Then you can mark the pictures on the index sheet that you want to print, scan the sheet, and let the CX7000F Series automatically print the selected photos.

1. Make sure your CX7000F Series is not connected to your computer (or make sure 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 (as shown on the left).

4. If the light in the Memory Card button is not lit, press the **Memory Card** button. The CX7000F Series counts the images on your card and you see this display, indicating it is ready to print the index sheet:



5. Make sure **Plain Paper** and **Letter** are selected.
6. Press the **Start Color/OK** button. You see this display:
7. Press the **Start Color/OK** button again. The CX7000F Series starts printing the index sheet(s). This may take a few minutes.

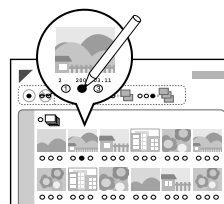


For multiple index sheets, the pages containing the most recent images are printed first. If you want to cancel printing more sheets, press the **Cancel/Back** button.

Now follow the instructions below to select which photos to print.

Selecting 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:



Incorrect:

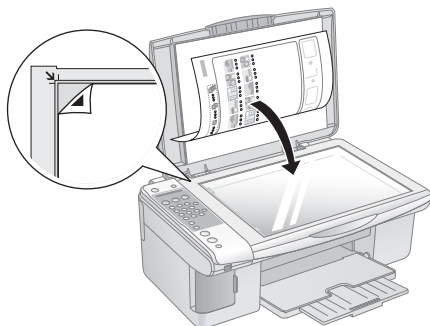


Make sure just one circle is filled in for each selected photo and mark the sheet carefully; once it has been scanned you will not be able to change your selections.

Note:

If you want one copy of all the photos on the index sheet, fill in the **ALL** oval 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.

Note:

Don't remove the memory card while you're printing from an index sheet.

- 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.

The display should now look like this, indicating that the CX7000F Series is ready to scan the index sheet:

```
2.Img:92 Scn Idx
```

If this setting is not displayed, press the **Memory Card** button until it is displayed.

- 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.

- Select **Letter**, 4"x 6", or 5"x 7" for the paper size.
- Press the **Start Color/OK** button to start printing.

Note:

If you need to stop printing, press the **Cancel/Back** button.

- When you are done printing, wait until the memory card access light is not flashing, then 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 (Digital Print Order Format) feature.

- 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.
- Insert the memory card (see page 7 for details).
- Press the **Memory Card** button repeatedly, until the display looks something like this:

```
3.Img:92 All/DPO
```

Note:

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

- 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.

- Select **Letter**, 4"x 6", or 5"x 7" for the paper size.
- Press the **Start Color/OK** button to start printing.

Note:

If you need to stop printing, press the **Cancel/Back** button.


If you see the **Paper Out** message, load more paper and press the **Start Color/OK** button.

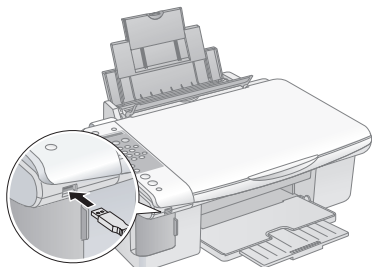
When you are done printing, wait until the memory card access light is not flashing, then remove the memory card by pulling it straight out of its slot.


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 CX7000F Series. Your photos must be sized from 80 × 80 pixels to 9200 × 9200 pixels.

- Make sure your CX7000F Series is not printing.
- Remove any memory cards from slots.
- Load the type of paper you want to use (see page 4). Load enough sheets for the number of photos you'll be printing.
- Press the paper type button to select **Photo Paper** to print borderless photos (without a white border). Select **Plain Paper** if you want your photos printed with a small white border.

- Press the paper size button to select Letter, 4"x 6", or 5"x 7".
- Connect the USB cable that came with your camera to the camera and the  USB connector on the front of your CX7000F Series.



- Make sure your camera is turned on. The following appears on the display screen: 
- Select the photos you want to print with your camera. Then adjust any necessary settings and print your photos as explained in your camera manual.

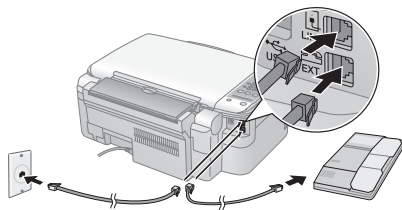
Note:

Depending on the CX7000F Series 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. Epson cannot guarantee the compatibility of any camera.

Connecting a Phone or Answering Machine

If you're connecting the CX7000F Series to a phone line, and connecting a telephone or answering machine to the same phone line so you can use it to make voice calls, follow these steps:

- Connect the phone cable leading from the wall jack to the LINE port.
- Connect one end of another phone cable to the telephone or answering machine.
- Connect the other end of the phone/answering machine cable to the EXT port on the back of the CX7000F Series.

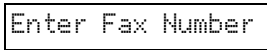
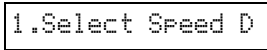
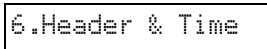

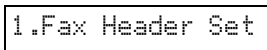



You also need to set up your CX7000F Series to receive faxes manually (see page 13 for details).

Setting Up Your Fax Features

Before sending or receiving faxes, you may want to create a fax header and select your fax preferences.


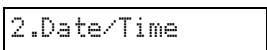

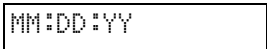

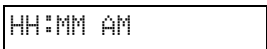
Creating Header Information

- Press the Fax button once to enter Fax mode. The Fax button lights up and you see this display: 
- Press the Setup button. You see this display: 
- Press the ▲ or ▼ button, or press the 6 key on the numeric keypad, to display this option: 
- Press the  Start Color/OK button. You see this display: 
- Press the  Start Color/OK button again. The display goes blank except for the cursor (_).
- Press the keys on the numeric keypad to enter up to 28 digits of header information. Use the number keys to enter the letters A to Z (in uppercase or lowercase), the numbers 0 to 9, and various symbols.

Press a key repeatedly to display first the numbers and symbols (if available), then the uppercase and lowercase letters, as indicated on the key. Then wait a moment or press the ► button to move to the next character space. When you're finished, press the ► button to move to a blank space.

Note:

If you need to change a character to the left, press the ◀ key to delete the character and re-enter it. Press the ► key if you need to move the cursor to the right.

- Press the  Start Color/OK button. You return to the 1.Fax Header Setup display.
- Press the ▲ or ▼ button, or press the 2 key on the numeric keypad, to display this option: 
- Press the  Start Color/OK button. You see this display (to indicate the two-digit month, day, and year): 
- Press the keys on the numeric keypad to enter the date. You can enter the numbers 0 to 9.
- Press the  Start Color/OK button. You see this display (to indicate the hour and minute): 

12. Press the keys on the numeric keypad to enter the time in a 12-hour format. You can enter the numbers 0 to 9.
13. Press the **Start Color/OK** button. You see this display: 1:AM 2:PM
14. Press the **1** key on the numeric keypad to select **AM** or the **2** key to select **PM**.
15. Press the **Start Color/OK** button. You return to the **2.Date/Time** display.
16. If you want to print your fax number in the fax header, press the **▲** or **▼** button, or press the **3** key on the numeric keypad, to display this option: 3.Your Phone Num
17. Press the **Start Color/OK** button. The display goes blank except for the cursor (**_**).
18. Press the keys on the numeric keypad to enter your fax number. You can enter the numbers 0 to 9, and the characters ***** and **#**, up to 20 digits total.
19. Press the **Start Color/OK** button.
20. Press the **Cancel/Back** button until you return to the screen displaying the date.

Selecting the Paper Size

Before you receive a fax, be sure to load plain paper and set the **Paper Size** setting to the size of paper you've loaded. Also make sure the **Automatic Reduction** setting is set to receive faxes in the desired size (see the next section for details).

Selecting Send/Receive Settings

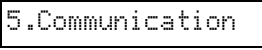

Your CX7000F Series is set up to send and receive faxes using the default settings below. For more information about these and other fax settings, see the *User's Guide*.

Setting and Options	Description
Paper Size Letter (8.5 × 11; default) Legal (8.5 × 14) A4 (8.3 × 11.7)	Indicates the size of the paper loaded in the CX7000F Series for printing received faxes.
Automatic Reduction On (default) Off	Indicates whether large received faxes are reduced in size to fit on the selected Paper Size or printed at their original size on multiple sheets.
Last Transmission Report Off On Error (default) On Send	Indicates whether or when the CX7000F Series prints a report for outgoing faxes. Select Off to turn off report printing, On Error to print reports only when an error occurs, or On Send to print reports for every fax you send.
Dial Mode Tone (default) Pulse	Indicates the type of phone system to which you've connected the CX7000F Series.

Setting and Options	Description
DRD All (default) Single Double Triple Double & Triple	Indicates the type of answer ring pattern you want to use to receive faxes. You must have set up your phone system to use different ring patterns to select an option other than All .
ECM On (default) Off	Indicates whether you use Error Correction Mode to automatically request retransmission of fax data that is received with detected errors.
V.34 On (default) Off	Indicates the speed at which you transmit faxes. On is 33.6 Kbps and Off 14.4 Kbps.
Rings to Answer 5 (default) 1, 2, 3, 4, 5, 6, 7, 8, or 9	Indicates the number of rings that must occur before the CX7000F Series automatically receives a fax.

To change the fax settings listed above, follow these steps:

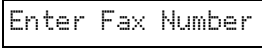
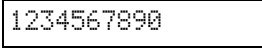
1. Press the **Fax** button once to enter Fax mode. The **Fax** button lights up and you see this display: Enter Fax Number
2. Press the **Setup** button. You see this display: 1.Select Speed D
3. If you need to change the **Paper Size**, **Automatic Reduction**, or **Last Transmission Report** settings, press the **▲** or **▼** button, or press the **4** key on the numeric keypad, to display this option: 4.Scan & Print S
4. Press the **Start Color/OK** button. You see this display: 1.Resolution
5. Press the **▲** or **▼** button, or press the **3**, **4**, or **5** key on the numeric keypad, to display one of these options:
 - 3.Paper Size
 - 4.Automatic Reduction
 - 5.Last Transmission Report
 Then press the **Start Color/OK** button.
6. Press the **▲** or **▼** button until the setting option you want is displayed, then press the **Start Color/OK** button to select it.
7. Repeat steps 5 and 6 to change any other settings. When you're finished, press the **Cancel/Back** button to return to the **4.Scan & Print Setup** menu.

- If you need to change the Dial Mode, DRD, ECM, V.34, or Rings to Answer settings, press the ▲ or ▼ button, or press the 5 key on the numeric keypad, to display this option: 
- Press the ◊ Start Color/OK button. You see this display: 
- To change the Dial Mode setting, press ◊ Start Color/OK and go to step 11.
To change another Communication setting, press the ▲ or ▼ button, or press the 2, 3, 4, or 5 key on the numeric keypad, to display one of these options:
 - 2.DRD
 - 3.ECM
 - 4.V.34
 - 5.Rings to AnswerThen press the ◊ Start Color/OK button.
- Press the ▲ or ▼ button until the setting option you want is displayed, then press the ◊ Start Color/OK button to select it.
- Repeat steps 10 and 11 to change any other settings. When you're finished, press the ⊗ Cancel/Back button to return to the screen displaying the date.

Sending a Fax

Before you fax, place your original photo or document on the document table glass. Then send your fax by manually entering a fax number or redialing the previous fax number. You can also set up and select an entry from your speed dial list (see the *Basics Guide* for more information).

Manually Entering or Redialing a Fax Number

- Press the Fax button once to enter Fax mode. The Fax button lights up and you see this display: 
- Press the keys on the numeric keypad to enter the fax number. You can enter the numbers 0 to 9 and the characters * and #, up to 64 digits total. 
Note:
If you need to change a character to the left, press the ◀ button to delete the character and re-enter it. Press the ▶ button if you need to move the cursor to the right.

If you want to redial the last fax number you used, press the Redial/Pause button instead of entering a fax number. The last fax number appears on the screen.

- To send a black and white fax, press the ◊ Start B&W button.

To send a color fax, press the ◊ Start Color/OK button.

You see this display during faxing:



Note:

If you need to cancel faxing at any time, press the ⊗ Cancel/Back button.

- After your original is scanned, you see this screen:



If you do not need to fax another page, press the 2 key (for No). The CX7000F Series dials the fax number and faxes your document.

Note:

If the fax number is busy or there is some other connection problem, you see an error message and the CX7000F Series redials the number after one minute. Wait for the redial, or check your connection and settings and try faxing again.

If you need to fax another page, press the 1 key (for Yes). Open the document cover, remove your first original, place your next original, and close the document cover. Then press the ◊ Start Color/OK button to fax the next page. Repeat this step to fax all the necessary pages.

Note:

If you're sending a color fax, or a large document that fills up the memory area, the CX7000F Series scans and faxes one page at a time. It then asks if you want to send another page. The fax connection stays open until you are finished.

Receiving a Fax

The CX7000F Series automatically receives and prints faxes in Auto Answer mode. However, you may want to receive faxes manually if you connected the CX7000F Series and a phone or answering machine to a phone line that also receives voice calls. Then you can check for a fax tone from the sending fax machine and press a button on the CX7000F Series to receive the fax, or allow your answering machine to determine if the call is an incoming fax.

Note:

Make sure you selected the Paper Size setting that matches the size of paper you've loaded. If the incoming fax pages are larger than the paper size you loaded, the fax size is reduced to fit or printed on multiple pages, depending on the Automatic Reduction setting you select (see page 11 for details).

Selecting the Answer Mode

The CX7000F Series tells you whether Auto Answer is turned on or not on the first screen:

12:00 PM Y

Y: Auto Answer is turned on

12:00 PM N

N: Auto Answer is turned off

To change the answer mode, press the **Auto Answer** button. The Y (for Yes) or N (for No) changes on the screen. Press **Auto Answer** again to change it back.

You can select the number of rings that must occur before the CX7000F Series receives a fax using the **Rings to Answer** setting (see page 11 for details).

Receiving Faxes

When the CX7000F Series receives a fax with Auto Answer mode turned on, the message **Printing** appears on the display.

When the CX7000F Series receives a fax in manual answer mode, the connected phone begins ringing. Once you answer the phone to confirm that the call is a fax, press the **Start B&W** or **Start Color/OK** button to receive the fax. The message **Printing** appears on the display.

After the CX7000F Series receives all the pages, it begins printing the fax. When it's finished, you see the screen displaying the date.

Note:

If you run out of paper during printing, you see the error message **Paper out**. Load more paper and press the **Start Color/OK** button so printing can continue. If you see any other error messages, see page 19.

Scanning

You can use your CX7000F Series to scan a photo or document and save it to computer. You can even automatically restore faded color photographs as you scan (see page 14 for details). 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.

Scanning Directly From Epson Scan

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.

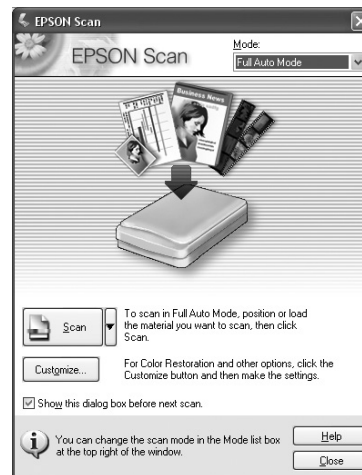
1. Open the document cover and place your original face-down on the glass, in the upper left corner.

Note:

If you need to scan a thick document, you can remove the document cover (see page 6).

2. Close the cover gently so you don't move the original.
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 CX7000F Series** (your program may use different scanning commands).

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 as you scan, click the **Customize** button (see the next section for instructions).

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 (see the on-screen *User's Guide* for details).

5. You see the File Save Settings window:



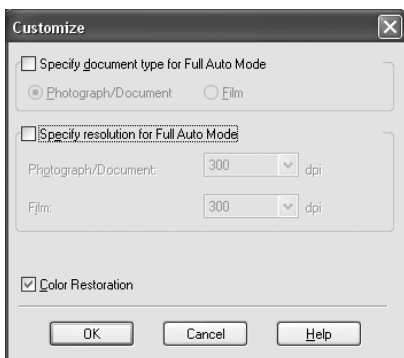
Choose the location where you want to save your scanned file and type a name for it in the Prefix box. Select a file format in the Image Format box.

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

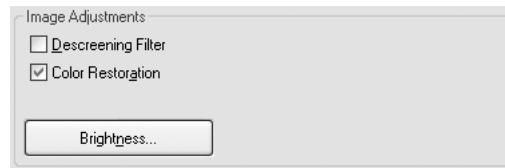
Restoring Color in Faded Photos

You can automatically transform an old, faded, or badly exposed color photo into one with true-to-life color and sharpness as you scan. Look for the **Color Restoration** option in Epson Scan's Full Auto, Home, and Professional Mode windows:

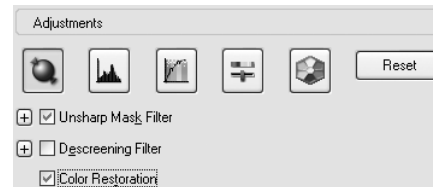
1. Place your original photo on the scanner as described on page 5.
2. Start Epson Scan (see the previous section for instructions).
3. When the Epson Scan window appears, do one of the following, depending on the currently selected scan mode:
 - Home or Professional Mode:** go to step 4.
 - Full Auto Mode:** click the **Customize** button, click the **Color Restoration** checkbox, and click OK. Continue with step 9.



4. Select the basic settings for the type of original(s) you are scanning, then select the destination setting for the way you will use your image(s) (see the on-screen *User's Guide* for instructions).
5. Click the **Preview** button to preview your image(s), then select your scan area.
6. Do one of the following to select the **Color Restoration** option:
 - Home Mode:** Click the **Color Restoration** checkbox.



- Professional Mode:** Scroll down to the **Adjustments** area and click the **Color Restoration** checkbox.



7. Make any other necessary image adjustments.
8. Size your image as necessary.
9. Click the **Scan** button to scan and restore the color in your image(s).

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 and remaining ink levels using the control panel.

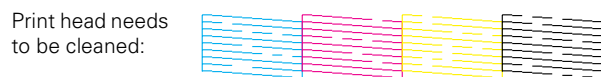
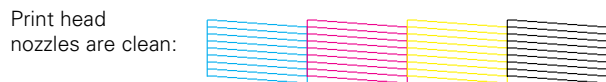
1. Load letter-size paper in the sheet feeder.
2. Press the **On** button to turn on the CX7000F Series, or press the **Cancel/Back** button until you see a screen like this:

12:00 PM Y
3. Press the **Setup** button. You see this display:

1.Load/Eject
4. Press the **▲** or **▼** button, or press the **3** key on the numeric keypad, to display this option:

3.Nozzle Check

- Press the **Start Color/OK** button. The CX7000F Series prints a test pattern like this:



- Press the **Cancel/Back** button to return to the screen displaying the date.

If the pattern does not look good, try cleaning the print head as described below.

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 in the previous section) 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.

- Press the **On** button to turn on the CX7000F Series, or press the **Cancel/Back** button until you see a screen like this:

12:00 PM Y
- Press the **Setup** button. You see this display:

1.Load/Eject
- Press the **▲** or **▼** button, or press the **4** key on the numeric keypad, to display this option:

4.Head Cleaning
- Press the **Start Color/OK** button. The CX7000F Series runs a head cleaning cycle and the message **Cleaning** appears on the display.
- Never turn off the CX7000F Series while head cleaning is in progress. You may damage it.
- When the display returns to **4.Head Cleaning**, run a nozzle check to verify that the print head is clean (see the previous section for details).
- If there are still gaps or lines, or the test patterns are faint, run another cleaning cycle and check the nozzles again.

Note:

If you don't see any improvement after cleaning the print head four times, turn off the CX7000F Series and wait at least six hours. This lets any dried ink soften. Then try cleaning the print head again. If quality still does not improve, one of the ink cartridges may be old or damaged and needs to be replaced.

Tip:

If you do not use your CX7000F Series often, it is a good idea to print a few pages at least once a month to maintain good print quality.

Checking the Ink Status

You can check the status of ink in your cartridges using the control panel.

- Press the **On** button to turn on the CX7000F Series, or press the **Cancel/Back** button until you see a screen like this:

12:00 PM Y
- Press the **Setup** button. You see this display:

1.Load/Eject
- Press the **▲** or **▼** button, or press the **2** key on the numeric keypad, to display this option:

2.Ink Levels
- Press the **Start Color/OK** button. You see a display like this:

C:50% M:50% Y:50
- If one or more cartridges are low on ink, you see a display like this:

C:Ink low M:50%
- Press the **Start Color/OK** or **Cancel/Back** button to return to the screen displaying the date.

If you need to replace an ink cartridge, see the next section.

Note:

You can also check the ink status using software when the CX7000F Series is connected to your computer (see the *User's Guide* for instructions).

Replacing Ink Cartridges

If you see a message like this on the display, one or more cartridges are low on ink:

C:Ink low M:50%

When you see a message like this on the display, you need to replace one or more cartridges:

Replace Cyan ink

You cannot print when a cartridge is expended.

Note:

You'll also see a low ink or cartridge replacement message on your computer screen when you print from your computer.

If a cartridge is more than six months old, print quality may decline. If necessary, try cleaning the print head (see page 15). If printouts still do not look their best, you may need to replace the cartridge.

Removing and Installing Ink Cartridges




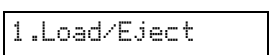


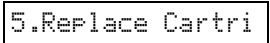

Note:

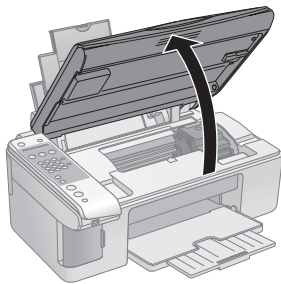
Leave the expended cartridge installed until you have obtained a replacement or the ink remaining in the print head nozzles may dry out.

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

Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

If you remove a cartridge that is low (for which you have received an "Ink low" message), you cannot reuse it.

1. Press the  On button to turn on the CX7000F Series, or press the  Cancel/Back button until you see a screen like this:

2. Press the Setup button. You see this display:

3. Press the  or  button, or press the 5 key on the numeric keypad, to display this option:

4. Press the  Start Color/OK button.
5. Make sure that the document cover is closed, then open the scanner.

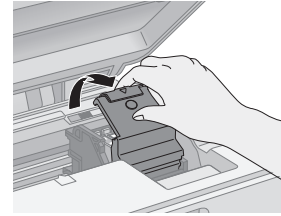
**Caution:**

Do not open the scanner when the document cover is open.

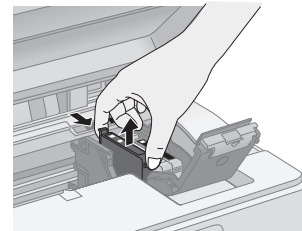
Do not move the print head by hand; this may damage the CX7000F Series. Always select **5.Replace Cartridge** from the display to move it.

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

6. Open the cartridge cover.

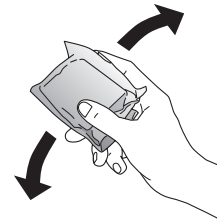


7. Squeeze the tab at the back of the cartridge and lift it straight out. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.

**Warning:**

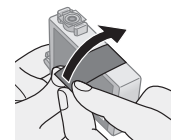
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.

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

**Caution:**

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

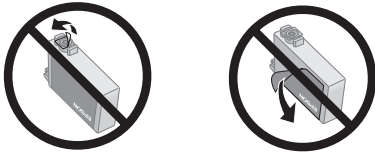
9. Remove the yellow tape from the bottom of the ink cartridge.



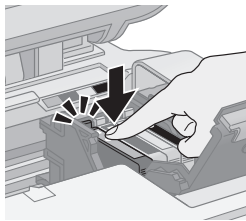
Caution:

If you do not remove the yellow tape before installing the ink cartridge, print quality may decline or you may not be able to print.

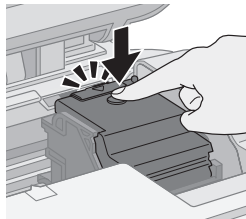
Do not remove any other seals from the cartridges.



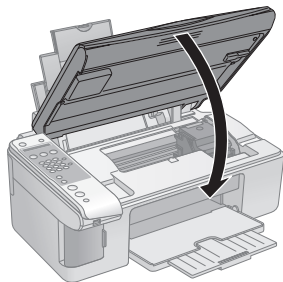
- Place the new ink cartridge into the cartridge holder and push it down until it clicks into place.



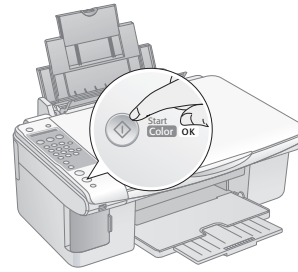
- Replace any other cartridges that need to be replaced.
- Close the ink cartridge cover and press it until it clicks into place.



- Close the scanner.



- Press the **Start Color/OK** button. The CX7000F Series begins charging ink and **Charging** appears on the display.



Charging takes about one minute. When it's finished, **5.Replace Cartridge** appears on the display.

Caution:

Never turn off the CX7000F Series while **Charging** appears on the display or you'll waste ink.

Note:

If you see an ink cartridge error message on the display, the ink cartridge may not be installed correctly. Press the **Start Color/OK** button and reinstall the ink cartridge until it clicks into place.

- Press the **Cancel/Back** button until you return to the screen displaying the date.

Caution:


If you replaced a cartridge while copying a photo or document, cancel printing and make sure your original is still placed correctly on the document table. Then copy your original again.

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.

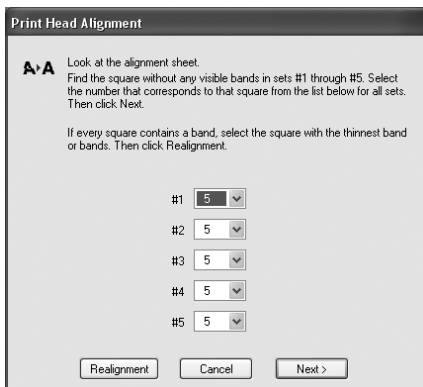
Note:

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

- Turn on the CX7000F Series.
- 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 Print Utility**. Select your CX7000F Series in the printer list, click **OK**, and select **Print Head Alignment**.

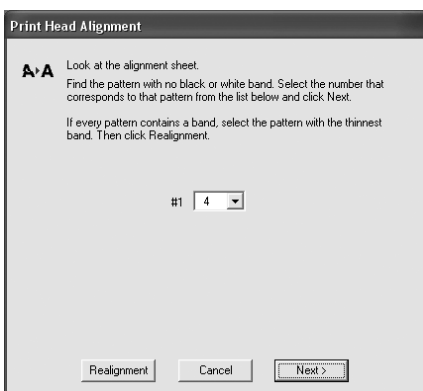
- Follow the instructions on the screen to print a vertical alignment sheet. You see a window like this one:



- Look at the five 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's closest to being aligned. Click **Realignment** and then **Print** to print another alignment sheet and repeat this step.

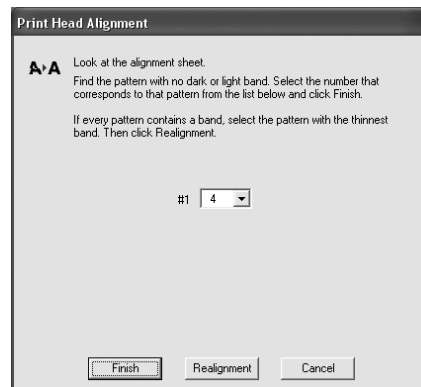
- Click **Print** to print a black horizontal alignment sheet. After it's printed, you see a window like this one:



- 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** 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:

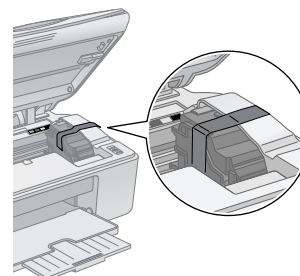


- Look at the printout and find the pattern with no gap or line between the rectangles and enter its number in the box on the screen.
- If you can't find an aligned pattern, choose the one that looks the best. Then click **Realignment** to print another alignment sheet and repeat this step.
- Click **Finish** to close the Print Head Alignment Utility.

Transporting the CX7000F Series

If you need to ship your CX7000F Series, you must prepare it for transportation by packing it in its original box or one of a similar size.

- Turn off the CX7000F Series.
- Remove any paper from the sheet feeder and close the paper support.
- Unplug the power cord from the electrical outlet. Then disconnect the USB cable from the CX7000F Series.
- Open the scanner section and make sure the ink cartridge holder is in the home position on the right.
- Secure the ink cartridge holder (print head) to the case with tape.



Caution:

Before you turn on the CX7000F Series, be sure to remove the tape after installing the printer in its new location.

6. Close the scanner section, push in the output tray extension, and close the output tray.
7. Repack the CX7000F Series in the original box using the protective materials that came with it.

Keep the CX7000F Series level as you transport it.

After transporting the CX7000F Series, remove the tape securing the print head, plug in the CX7000F Series, and turn it on. If you notice a decline in print quality, clean the print head (see page 15); if output is misaligned, align the print head (see page 17).

Error Messages

Display message	Cause and solution
Paper out -> Load paper into the sheet feeder, then press the OK button.	Load or reload paper in the sheet feeder and press the Start Color/OK button to continue (see page 4 for details).
Paper jam -> Press the OK button. Remove any remaining jammed paper by hand.	Press the Start Color/OK button. Remove any remaining jammed paper by hand.
[C, M, Y, B]: Ink low -> Press the OK button to begin ink cartridge replacement.	Ink is low in one or more of the indicated cartridges (see page 15 for replacement instructions).
Replace [Cyan, Magenta, Yellow, Black] ink cartridge -> Press the OK button to begin ink cartridge replacement.	Ink is expended in one or more of the indicated cartridges (see page 15 for replacement instructions).
No [Cyan, Magenta, Yellow, Black] ink cartridge -> Press the OK button to install a new ink cartridge.	An ink cartridge is not installed or is installed incorrectly (see page 15 for replacement instructions).
[Cyan, Magenta, Yellow, Black] Ink cartridge error -> Cartridge replacement is necessary. Press the OK button to begin.	An ink cartridge that is not supported by the CX7000F Series is installed (see page 15 for replacement instructions).
No memory card	A memory card is inserted that is not supported by the CX7000F Series. Remove the incompatible memory card and insert a compatible card (see page 3 for details).
No photos on memory card	The inserted memory card does not contain any valid images (see page 3 for a list of compatible card and image types).
No index sheet detected or sheet placed incorrectly. Correct the sheet placement and try again.	An index sheet was not recognized because it is not positioned correctly. Align the top of the sheet with the left edge of the glass (see page 8 for details).
No photos selected or photos marked incorrectly. Select photos correctly and try again.	No marks are detected on the index sheet or the sheet includes more than one mark for an image. Remove the index sheet, mark it correctly, and try again (see page 8 for details).

Display message	Cause and solution
Memory card data does not match index sheet. Replace the card or index sheet and try again.	The index sheet does not match the photos on the memory card. Remove the card and insert the one used to print the index sheet (see page 7), or place the correct index sheet on the glass (see page 8).
Fax not sent. Resend using the Start B&W button.	You sent a fax using the Start Color/OK button to a fax machine that prints only in black and white. Send the fax again (see page 12), but press the Start B&W button.
Paper thickness lever is set for envelope printing.	The paper thickness lever is set to the H position. If you are printing on envelopes, press Start Color/OK or Start B&W to continue. Otherwise, set the lever to the L position.
Paper thickness lever is set for printing sheets of paper.	The paper thickness lever is set to the L position. If you are printing on paper sheets, press Start Color/OK or Start B&W to continue. If you're printing on envelopes, set the lever to the H position.
Service required. See your documentation for details.	A CX7000F Series part needs to be replaced. Contact your local authorized servicer or contact Epson for a referral.
Printer error -> or Scanner error -> See your documentation and call service if necessary.	There is a problem with the CX7000F Series. Turn it off and then back on. If the error does not clear, contact your local authorized servicer or contact Epson for a referral.

Related Documentation

CPD-22471	Epson Stylus CX7000F Series <i>Start Here</i> sheet
CPD-22473	Epson Stylus CX7000F Series <i>Basics Guide</i>
CPD-22472	Epson Stylus CX7000F Series CD-ROM (includes on-screen <i>User's Guide</i>)