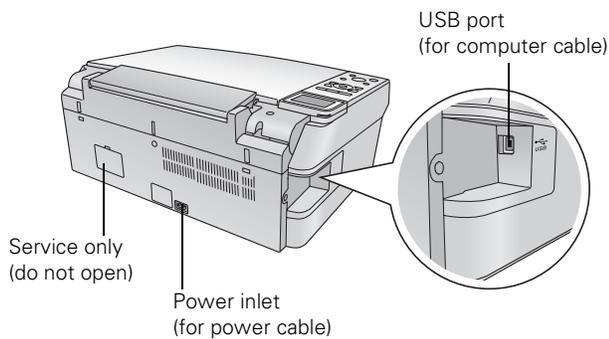
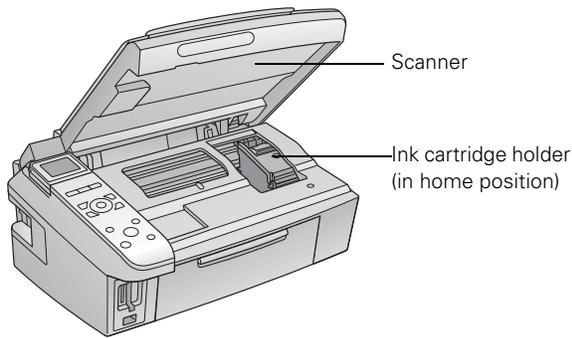
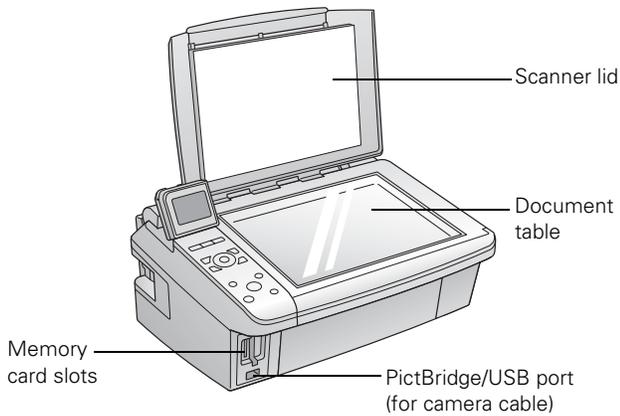
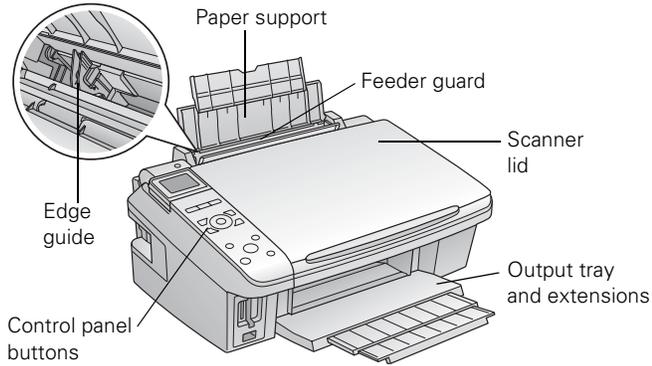


Epson Stylus CX8400 Series Parts



Accessories

Media

Paper type	Size	Part number	Sheet count
Epson® Bright White Paper	Letter (8.5 × 11 inches)	S041586	500
Epson Photo Paper Glossy	4 × 6 inches	S041809 S042038	50 100
	Letter (8.5 × 11 inches)	S041141 S041649 S041271	20 50 100
	Borderless 4 × 6 inches	S041808 S041727	40 100
Epson Premium Photo Paper Glossy	Borderless 5 × 7 inches	S041464	20
	Borderless 8 × 10 inches	S041465	20
	Letter (8.5 × 11 inches)	S041286 S042183 S041667	20 25 50
	Borderless 4 × 6 inches	S041934 S042181 S042174	50 60 100
Epson Ultra Premium Photo Paper Glossy	Borderless 5 × 7 inches	S041945	20
	Letter (8.5 × 11 inches)	S041935 S042182 S042175	20 25 50
	Borderless 4 × 6 inches	S041982	40
Epson Premium Photo Paper Semi-gloss	Letter (8.5 × 11 inches)	S041331	20
	Letter (8.5 × 11 inches)	S041062	100
Epson Presentation Paper Matte	Legal (8.5 × 14 inches)	S041067	100
	Borderless 8 × 10 inches	S041467	50
Epson Premium Presentation Paper Matte	Letter (8.5 × 11 inches)	S041257	50
	Letter (8.5 × 11 inches)	S042180	100
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 × 11 inches)	S041568	50
Epson Photo Quality Self-adhesive Sheets	A4 (8.3 × 11.7 inches)	S041106	10
Epson Iron-on Cool Peel Transfer Paper	Letter (8.5 × 11 inches)	S041153	10

Ink Cartridges

- ❑ 69 Black or 68 High Capacity Black
- ❑ 69 Cyan
- ❑ 69 Magenta
- ❑ 69 Yellow

Specifications

Printing

Paper path Sheet feeder, top entry
 Sheet feeder capacity Approx. 120 sheets at 24 lb (90 g/m²)

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)
 US letter or A4 size
 Scanning resolution 1200 dpi (main scan)
 2400 dpi (sub scan)
 Output resolution 50 to 4800, 7200, and 9600 dpi
 (50 to 4800 dpi in 1 dpi increments)
 Image data 16 bits per pixel per color internal
 8 bits per pixel per color external
 (maximum)
 Light source RGB three color LED

Paper

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

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)
 A6 (4.1 × 5.8 inches)
 Letter (8.5 × 11 inches)
 Legal (8.5 × 14 inches)
 4 × 6 inches
 5 × 7 inches
 8 × 10 inches

Paper type Plain 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/m²) to 24 lb (90 g/m²)

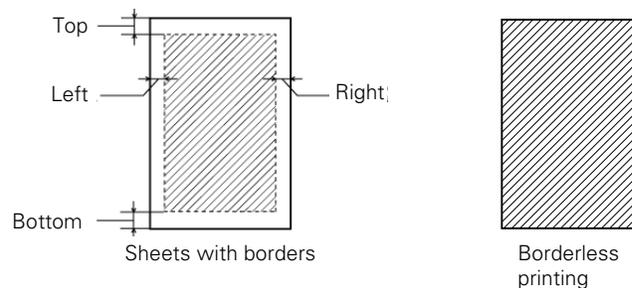
Envelopes

Size No. 10 (4.1 × 9.5 inches)
 Paper type Plain bond paper or airmail paper
 Weight 20 lb (75 g/m²) to 24 lb (90 g/m²)

Printable Area

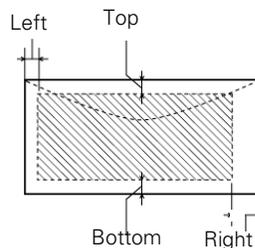
Note:
 When printing borderless, quality may decline in the expanded printable area.

Single sheets



Top: 0.12 inch (3.0 mm) minimum
 Left: 0.12 inch (3.0 mm) minimum
 Right: 0.12 inch (3.0 mm) minimum
 Bottom: 0.12 inch (3.0 mm) minimum

Envelopes



Top: 0.20 inch (5.0 mm) minimum
 Left: 0.12 inch (3.0 mm) minimum
 Right: 0.78 inch (20 mm)
 Bottom: 0.20 inch (5.0 mm) minimum

Memory Cards

Compatible memory cards

CompactFlash[®] Type I and II
 Microdrive[™]
 SD[™]
 SDHC[™]
 miniSD^{™*}
 miniSDHC^{*}
 microSD^{*}
 microSDHC^{*}
 MultiMediaCard[™]
 Memory Stick[™]
 Memory Stick Duo^{™*}
 Memory Stick PRO[™]
 Memory Stick PRO Duo^{™*}
 Memory Stick Micro^{*}
 MagicGate[™] Memory Stick
 MagicGate Memory Stick Duo^{™*}
 xD-Picture Card[™]
 xD-Picture Card Type H
 xD-Picture Card Type M

*Requires adapter

Memory card format DCF (Design rule for Camera File system) version 1.0 or 2.0 compliant.

All card types standard version compliant.

Voltage requirements 3.3 V

Photo data specifications

File format: JPEG with Exif Version 2.21 standard

Image size: 80 × 80 pixels to 9200 × 9200 pixels

Number of files: Up to 999

Ink Cartridges

Note:

We recommend that you use genuine Epson cartridges and do not refill them. The use of other products may affect your print quality and could result in printer damage.

The printer ships with full cartridges and part of the ink from this first set of cartridges is used for charging the printer.

Yields vary considerably based on images printed, print settings, paper type, frequency of use and temperature. For print quality, a small amount of ink remains in the cartridge after the "replacement cartridge" indicator comes on.

Store ink cartridges in a cool, dark place. If you bring them inside from out in the cold, allow them to warm up to room temperature for at least 3 hours before using them.

Leave your old cartridges in the CX8400 Series until you are ready to replace them to prevent the print head nozzles from drying out.

For best printing results, use up a cartridge within six months of opening the package.

Color Cyan, magenta, yellow, black

Part number 69 cyan, magenta, yellow and black
 68 High Capacity black

Cartridge life

Opened package: 6 months at 77 °F (25 °C)

Unopened package: Do not use if the date on the package has expired.

Storage temperature

−4 to 104 °F (−20 to 40 °C)

1 month at 104 °F (40 °C)

Ink freezes at 10.4 °F (−12 °C)

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

Size and Weight

Size

Stored: Width: 17.7 inches (450 mm)
 Depth: 13.4 inches (340 mm)
 Height: 7.1 inches (179 mm)

Printing: Width: 17.7 inches (450 mm)
 Depth: 18.6 inches (472 mm)
 Height: 10.6 inches (268 mm)

Weight

13 lb (5.9 kg)
 without the ink cartridges

Electrical

Power supply rating 100 to 120 V

Input voltage range 90 to 132 V

Rated frequency range 50 to 60 Hz

Input frequency range 49.5 to 60.5

Rated current 0.6 A

Power consumption

Copying: 12 W

Low power: 3 W

Sleep mode: 2.5 W

Power-off mode: 0.2 W

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

- Operation: 20 to 80% RH
Storage: 5 to 85% RH
(without condensation)

Standards

Safety UL 60950-1
CAN/CSA C22.2 No. 60950-1

EMC FCC part 15 Subpart B class B
CAN/CSA-CEI/IEC CISPR 22
Class B

Interfaces

USB ports One USB 2.0 Hi-Speed (Device Class for computers); Type B port
One USB 1.1 Full-Speed (for PictBridge™ or USB-DIRECT-PRINT™ compliant devices)

Changing the Display Screen Language

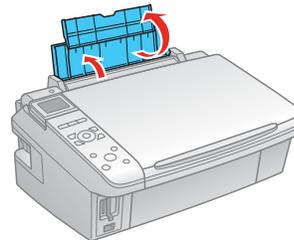
You can change the language of your LCD display screen from English to French, Spanish, or Portuguese.

1. Press **Setup**.
2. Press ◀ or ▶ to select **Maintenance**, and press **OK**.
3. Press ▼ to select **Language**, and press **OK**.
4. Press ▲ or ▼ to select your language, and press **OK**.

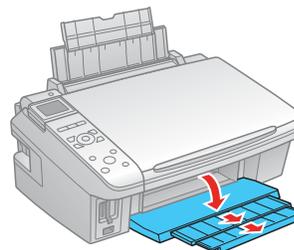
Loading Paper

You can load up to 120 sheets of plain paper, 80 sheets of matte, or 20 sheets of photo paper. Load other special papers one sheet at a time.

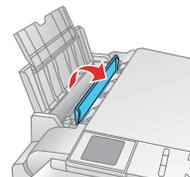
1. Open the paper support and flip up the extension.



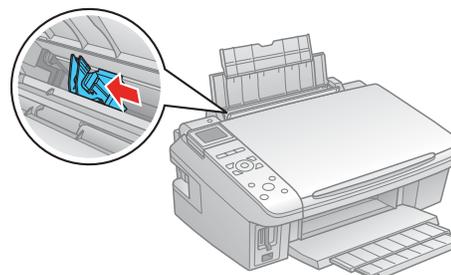
2. Open the output tray and pull out the extensions.



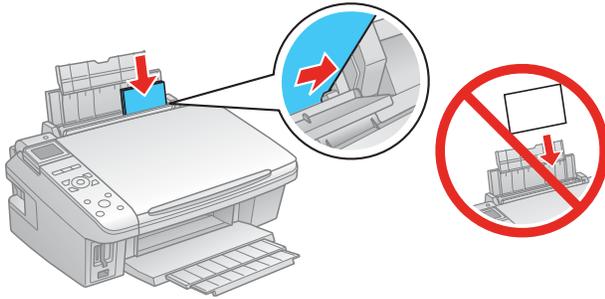
3. Flip the feeder guard up.



4. Press in the tab on the edge guide and slide it left.



5. Insert the paper, printable side up, against the right side and beneath the tab.



Note:

Load only the recommended number of sheets.

Load paper short edge first, no matter which way your photo or document faces.

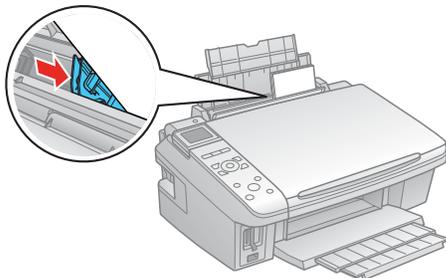
Do not load paper above the arrow on the edge guide.

Load letterhead or pre-printed paper top edge first.

Do not load paper with holes punched in it.

Check the paper package for any additional loading instructions.

6. Slide the edge guide against the paper, but not too tightly.



7. Flip the feeder guard down.

Note:

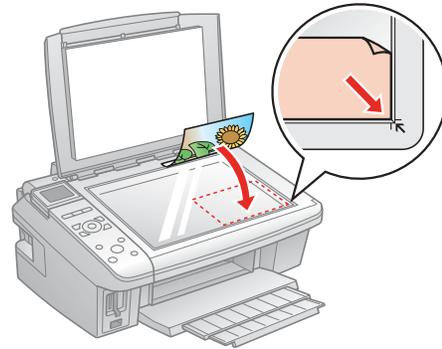
For instructions on loading envelopes, see the on-screen *User's Guide*.

Placing Originals for Copying or Scanning

Caution:

Do not place anything on top of the document cover or use the cover as a writing surface.

1. Open the document cover and place your original face-down on the glass, with the top facing into the front right corner.



2. Close the document cover gently to keep your original in place.

Copying

Note:

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

Copying a Document or Photo

1. Press the **On** button to turn on the CX8400 Series.
2. Load plain paper or Epson special paper in the sheet feeder (see page 4).

Note:

Load only the recommended number of sheets.

3. Place your original on the document table (see previous section).
4. Press the **Copy** button to enter copy mode.
5. To print more than 1 copy, press + or – to select the number (up to 99).
6. Press ◀ or ▶ to select **Color** or **B&W** copies.
7. Press ▼, then press ▶ to change the layout, if necessary.



8. Select **With Border** to leave a small margin around the image or select **Borderless** to expand the image all the way to the edge of the paper (slight cropping may occur).

Note:

Layout must be set to **With Border** to select **Plain Paper**.

9. To change any of the copy mode print settings displayed on the screen, press **Menu**.

- To adjust the copy size, select **Zoom** and choose either **Actual** (to select a percentage using + or -) or **Auto Fit Page** (to automatically size the image to fit your paper).



- To change the paper type, select **Paper Type** and choose the type of paper you loaded.

Paper type	Paper Type setting
Plain paper	Plain Paper
Epson Bright White Paper	
Epson Presentation Paper Matte	
Epson Premium Presentation Paper Matte	Matte
Epson Premium Photo Paper Glossy	Prem. Glossy
Epson Premium Photo Paper Semi-gloss	
Epson Ultra Premium Photo Paper Glossy	Ultra Glossy
Epson Photo Paper Glossy	Photo Paper

- To change the paper size, select **Paper Size** and choose the size of paper you loaded.

Note:

Paper Size options depend on the **Paper Type** setting you choose.

- To change the copy quality, select **Quality** and choose **Standard**, **Best**, or **Draft**.

Note:

Standard is the default setting for **Quality** if you choose photo paper.

- To adjust the darkness or lightness of the copy, select **Density** and choose a higher (darker) or lower (lighter) setting.
- To adjust the amount of image expansion when printing borderless photos, select **Expansion** and choose **Standard**, **Mid**, or **Min**.

Note:

You may see white borders on your printed photo if you use the **Min** setting.

10. After you finish selecting your settings, press **OK**.

11. Press **Start** to begin copying.

To cancel copying, press **Stop/Clear Settings**.

Restoring Photos

You can also restore the colors in faded photos, print with or without borders, convert color photos to black-and-white, and crop photos.

1. Press the **On** button to turn on the CX8400 Series.
2. Load 4 × 6-inch, 5 × 7-inch, 8 × 10-inch, or letter-size Epson special paper in the sheet feeder (see page 4).
3. Place your original photo on the document table.

Note:

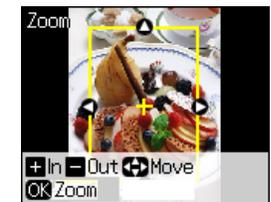
You can copy up to 2 photos at the same time. Place them 0.2 inches (5 mm) apart.

4. Press the **Restore** button.
5. Press **OK**.
6. To turn on **Color Restoration** to restore colors in faded photos as you copy, press **Right Arrow** and select **On**. (If your photo is not faded, do not turn on **Color Restoration**.)
7. Press **OK**.
8. Press **OK** to prescan your photo. You see these settings over a preview of your photo:
9. To print more than 1 copy, press + or - to select the number.



10. If you want to crop your photos and enlarge the resulting image area to fit onto your paper, press **Display/Crop**.

- To resize the image area, press + or -.
- To move the image area, use the arrow buttons.
- To check the zoomed image, press **OK**.



11. After you finish cropping your photos, press **OK**.
12. To change any of the restore mode print settings displayed on the screen, press **Menu**.

- ❑ To change the paper type, select **Paper Type** and choose the type of paper you loaded.

Paper type	Paper Type setting
Epson Premium Photo Paper Glossy	Prem. Glossy
Epson Premium Photo Paper Semi-gloss	
Epson Ultra Premium Photo Paper Glossy	Ultra Glossy
Epson Photo Paper Glossy	Photo Paper
Epson Premium Presentation Paper Matte	Matte

- ❑ To change the paper size, select **Paper Size** and choose the size of paper you loaded.

Note:

Paper Size options depend on the Paper Type setting you choose.

- ❑ To change the layout, select **Layout** and choose **With Border** to leave a small margin around the image or select **Borderless** to expand the image all the way to the edge of the paper (slight cropping may occur).

- ❑ To change the copy quality, select **Quality** and choose **Standard**, **Best**, or **Draft**.

Note:

Standard is the default setting for Quality if you choose photo paper.

- ❑ To adjust the amount of image expansion when printing borderless photos, select **Expansion** and choose **Standard**, **Mid**, or **Min**.

Note:

You may see white borders on your printed photo if you use the Min setting.

13. After you finish selecting your settings, press **OK**.

14. Press **Start** to begin copying.

To cancel copying, press **Stop/Clear Settings**.

Printing from a Memory Card

You can print photos right from your digital camera's memory card by inserting it into the CX8400 Series memory card slots.

Compatible Memory Cards and Files

Make sure your memory card is one of the following types:

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

* Requires adapter

Make sure the files on the card are compatible with your CX8400 Series.

File format	JPEG with the Exif version 2.21 standard
Image size	80 × 80 pixels to 9200 × 9200 pixels
Number of files	Up to 999

Note:

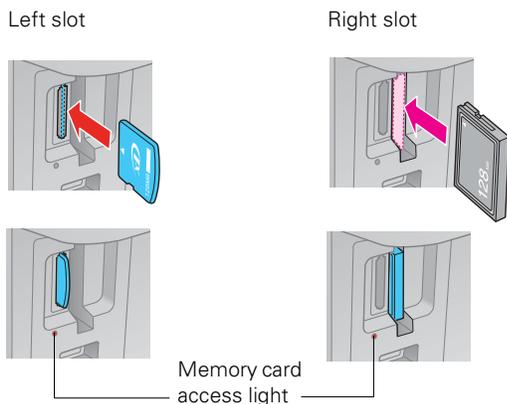
Also consult your memory card and adapter documentation for any special use instructions for your card or adapter.

If you will only be printing from your memory card, it is best if the CX8400 Series is not connected to your computer (or your computer should be turned off).

Inserting the Memory Card

Insert one card at a time in one of the CX8400 Series memory card slots as shown below.

1. Turn on the CX8400 Series.
2. Insert your card into the correct slot (see page 7 for a list).



The memory card access light flashes and stays lit.

Caution:

Do not remove a card or turn off the CX8400 Series when the memory card access light is flashing or you may lose photos on the card.

Printing Photos

After inserting your memory card, press the **Memory Card** button to view your photos on the LCD display screen. The following sections contain instructions on how to print individual photos or photos by the date they were taken.

See the on-screen *User's Guide* to perform other memory card functions including:

- Printing all photos on a memory card
- Viewing photos as a slide show and printing them
- Printing photos using DPOF (Digital Print Order Format)
- Using an index sheet to select photos for printing
- Transferring files between the CX8400 Series and a computer

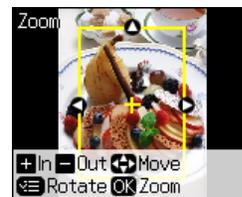
Select Individual Photos for Printing

You can select individual photos for printing as you view them on the LCD display screen.

1. Press the **Memory Card** button. You see this screen:
2. Press **OK** to select **View and Print Photos**.
3. Press **◀** or **▶** to move through your photos and display the one that you want to print.
4. Press the **+** or **-** button to select the number of copies you want of that photo.



5. If you want to crop your photo and enlarge the resulting image area to fit onto your paper, press the **Display/Crop** button.



- To resize the image area, press **+** or **-**.
- To move the image area, use the arrow buttons.
- To check the zoomed image, press **OK**.
- To rotate the image area, press the **Menu** button.

After you finish cropping your photo, press **OK**.

6. Repeat steps 3 through 5 to select and crop more photos, if you want.
7. To change any of the memory card mode print settings displayed on the screen, press **Menu**.



- To change the paper type, select **Paper Type** and choose the type of paper you loaded.

Paper type	Paper Type setting
Epson Premium Photo Paper Glossy	Prem. Glossy
Epson Premium Photo Paper Semi-gloss	
Epson Ultra Premium Photo Paper Glossy	Ultra Glossy
Epson Photo Paper Glossy	Photo Paper
Plain paper	Plain Paper
Epson Bright White Paper	
Epson Presentation Paper Matte	
Epson Premium Presentation Paper Matte	Matte

- To change the paper size, select **Paper Size** and choose the size of paper you loaded.

Note:
Paper Size options depend on the Paper Type setting you choose.

- To change the layout, select **Layout** and choose **With Border** to leave a small margin around the image or select **Borderless** to expand the image all the way to the edge of the paper (slight cropping may occur).
 - To change the print quality, select **Quality** and choose **Standard** or **Best**.
- Note:**
Standard is the default setting for **Quality** if you choose photo paper.
- To print the date on your photos and select the format for it, select **Date** and choose the format you want.
 - To slow down printing to improve print quality, select **Bidirectional** and choose **Off** (choose **On** for faster print speed).
 - To adjust the amount of image expansion when printing borderless photos, select **Expansion** and choose **Standard**, **Min**, or **Mid**.

Note:
You may see white borders on your printed photo if you use the **Min** setting.

- After you finish selecting your settings, press **OK**.
 - When you're ready to print, press **Start**.
- To cancel printing, press **Stop/Clear Settings**.

Printing Photos by Date

You can quickly print photos by the date they were taken.

- Press **Left** or **Right** to select **Print by Date**, then press **OK**.
- Highlight any date shown and press **Right** to print photos taken on that date.
- Press **OK**.
- To print more than 1 copy, press **+** or **-** to select the number (up to 99).
- To change any of the memory card mode print settings, press **Menu** and select your settings (see the previous section for details).



After you finish selecting your settings, press **OK**.

- When you're ready to print, press **Start**.
To cancel printing, press **Stop/Clear Settings**.

Printing From Other External Devices

If you have a digital camera that supports PictBridge or USB DIRECT-PRINT, you can connect it to the CX8400 Series and print your photos directly from the camera. Check your camera manual to see if it is compatible.

You can also print documents or photos from your computer after you connect the CX8400 Series to your computer and install its software. See the on-screen *User's Guide* for instructions.

Selecting the Correct Media Type

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 Presentation Paper Matte	Plain Paper / Bright White Paper
Epson Ultra Premium Photo Paper Glossy	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy	Premium Photo Paper Glossy
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss	Premium Photo Paper Semi-Gloss

Paper	Type or Media Type setting
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided Epson Photo Quality Self-adhesive Sheets Epson Iron-on Cool Peel Transfer Paper	Premium Presentation Paper Matte
Envelopes	Envelope

Scanning

You can use your CX8400 Series to scan a photo or document and save it as a digital file on your computer. You can even restore and correct photographs as you scan.

The Epson Scan software provides three scanning modes:

- Full Auto Mode** scans quickly and easily using automatic settings.
- Home Mode** previews your image and provides preset options for scanning.
- Professional Mode** previews your image and provides a full array of tools.

For detailed scanning instructions, see the on-screen *User's Guide*.

Replacing Ink Cartridges

If an ink cartridge is low or expended, you see a message on the CX8400 Series LCD display screen. If a cartridge is expended, you must replace it to be able to print. If a cartridge is low, you can continue printing until a cartridge needs replacement.

Note:

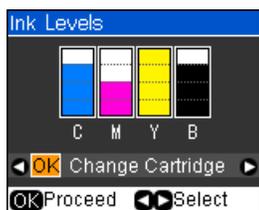
You cannot print or copy when an ink cartridge is expended even if the other cartridges are not expended. Replace any expended cartridges before printing or copying.

When an installed ink cartridge is more than six months old, you may need to replace it if your printouts do not look their best, even after cleaning and aligning the print head.

Checking Ink Levels

You can check the ink levels anytime using the CX8400 Series LCD display screen.

1. Press **Setup**.
2. Select **Ink Levels** and press **OK**.



A cartridge marked with an ! is getting low on ink. Follow the on-screen instructions to replace the cartridge, if necessary.

3. Press **Back** as necessary to return to the main screen.

See the on-screen *User's Guide* for instructions on how to check ink levels using your Windows or Macintosh software.

Removing and Installing Ink Cartridges

Be sure you have your replacement cartridges handy before you begin. You must install new cartridges immediately after removing the old ones.

Caution:

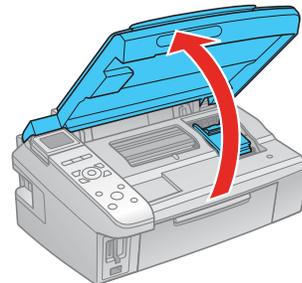
Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

1. Turn on the CX8400 Series.

If a cartridge is low or expended, you see a message on the CX8400 Series LCD display screen. If a cartridge is expended, you must replace it to be able to print. If a cartridge is low, you can continue printing until the cartridge needs replacement.

If you're replacing a cartridge before you see a message on the CX8400 Series LCD display screen, press **Setup**, select **Maintenance**, and press **OK**. Then select **Change Ink Cartridge** and press **OK**.

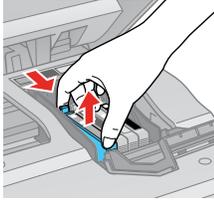
2. Open the scanner.



3. Open the cartridge cover.



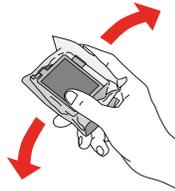
- Squeeze the tab on the cartridge and lift the cartridge straight up to remove it. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.



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. Keep ink cartridges out of the reach of children.

- Before opening the new cartridge package, shake it four or five times. (Do not shake a cartridge after opening the package; ink may leak.)



- Remove the cartridge from the package, but be careful not to touch the green chip on the cartridge.



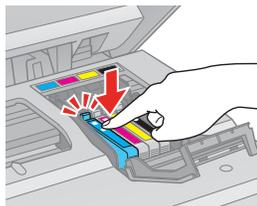
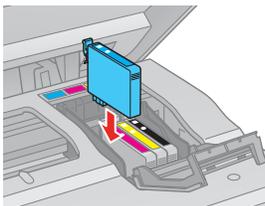
- Remove the yellow tape from the bottom of the cartridge.

Caution:

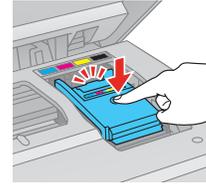
Do not remove any other labels or seals, or ink will leak.



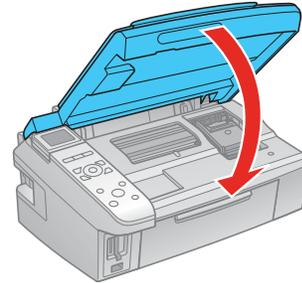
- Insert the new cartridge into the holder and push it down until it clicks into place.



- Once you replace all the necessary cartridges, close the cartridge cover and push it down until it clicks into place.



- Close the scanner.



- Press OK to begin charging the ink. This takes about 2 minutes.

When you see a completion message on the LCD display screen, ink charging is finished.

Caution:

Never turn off the CX8400 Series while ink is charging or you'll waste ink.

If you see an ink replacement message on the LCD display screen, press **OK** and press down all the cartridges securely.

If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the CX8400 Series with the label facing upward. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area, and do not store the cartridge upside down.

If you remove a low or expended ink cartridge, you cannot reinstall and use the cartridge.

Adjusting Print Quality

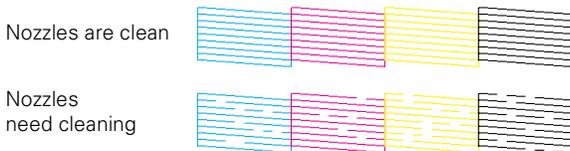
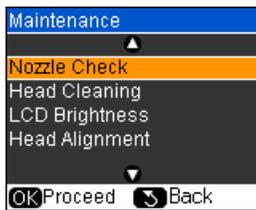
If the print quality declines, you may need to run a utility to clean or align the print head. You can use the control panel or software to run these utilities. See the on-screen *User's Guide* for details on using software.

Checking and Cleaning the Print Head

If your printouts become too light, or you see dark or light bands across them, you may need to clean the print head nozzles. Cleaning uses ink, so clean the nozzles only if print quality declines. You can check for clogged nozzles before you clean them so you don't clean them unnecessarily.

Checking the Print Head Nozzles

1. Load several sheets of letter-size paper (see page 4).
2. Press **Setup**.
3. Select **Maintenance** and press **OK**.
4. Select **Nozzle Check** and press **OK**.
5. Press **Start**.
6. Check the nozzle check pattern that prints to see if there are any gaps in the lines.



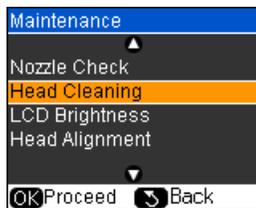
If there are no gaps, the print head is clean. If there are gaps or the pattern is faint, clean the print head, as described below.

Cleaning the Print Head Nozzles

Note:

You cannot clean the print head if an ink cartridge is expended or low. You must replace the cartridge first (see page 10).

1. Load several sheets of letter-size paper (see page 4).
1. Press **Setup**.
2. Select **Maintenance** and press **OK**.
3. Select **Head Cleaning** and press **OK**.
4. Press **Start**.



Follow any instructions on the LCD display screen during cleaning, which lasts about 1 minute. When it's finished you see a message on the screen.

Caution:

Never turn off the CX8400 Series during head cleaning or you may damage it.

5. Run a nozzle check to verify that the print head is clean (see the previous section).

Note:

If you don't see any improvement after cleaning the print head two times, turn off the CX8400 Series and wait at least 6 hours to let any dried ink soften. Then try printing again.

If you do not use your CX8400 Series often, it is a good idea to print a few pages at least once a month to maintain good print quality.

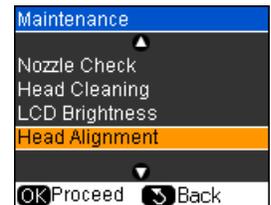
Aligning the Print Head Nozzles

If your printouts become grainy or blurry, or you see dark or light bands across them, you may need to align the print head.

Note:

Banding may also occur if your print head nozzles need cleaning.

1. Load several sheets of letter-size paper (see page 4).
2. Press **Setup**.
3. Select **Maintenance** and press **OK**.
4. Select **Head Alignment** and press **OK**.
5. Press **Start**.



The alignment sheet prints.

6. Look at pattern #1 and find the patch that is most evenly printed, with no noticeable streaks or lines.
7. Select the number for that patch, then press **OK**.
8. Enter the numbers for the other patterns in the same way.
9. When you finish, press **OK** and you see a message indicating that the alignment is complete.

Note:

Do not press the **Stop** button to cancel printing of the alignment sheet.

Cleaning the CX8400 Series

Caution:

Do not use a hard brush, benzine, alcohol, or paint thinner to clean the CX8400 Series or you may damage it. Do not use oil or other lubricants inside the CX8400 Series or let water get inside it.

1. Turn off the CX8400 Series.
2. Unplug the power cable.
3. Disconnect the USB cable.
4. Remove all the paper.
5. Clean the sheet feeder using a soft brush.
6. Clean the document table glass with a soft, lint-free cloth moistened with a little glass cleaner.

Caution:

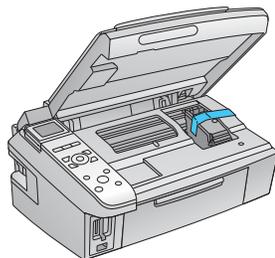
Do not spray glass cleaner directly on the glass.

7. Clean the LCD display screen with a soft, dry cloth. Do not use liquid or chemical cleansers.
8. Clean the document cover with a soft, non-abrasive microfiber-type cloth.
9. Clean the outer case with a soft cloth dampened with mild detergent.

Transporting the CX8400 Series

If you need to ship your CX8400 Series or transport it a long distance, prepare it for transportation as follows:

1. Turn off the CX8400 Series.
2. Unplug all the connected cables.
3. Remove all the paper.
4. Close the paper support and output tray.
5. Lift up the scanner and check that the ink cartridge holder is all the way to the right (the home position). If necessary, turn on the CX8400 Series, then turn it off again.
6. Fasten the ink cartridge holder to the case using tape. Leave the ink cartridges installed to avoid damaging the printer.
7. Close the scanner.
8. Pack the CX8400 Series in its original box or one of a similar size using protective material to keep it from moving inside the box.
9. Keep the CX8400 Series level during transportation to prevent damage.



10. After transporting the CX8400 Series, remove the tape securing the ink cartridge holder.

If print quality has declined when you print again in a new location, clean and align the print head (see page 12).

Related Documentation

CPD-23792	Epson Stylus CX8400 Series <i>Start Here</i> sheet (English/French)
CPD-23794	Epson Stylus CX8400 Series <i>Quick Guide</i> (English)
CPD-23793	Epson Stylus CX8400 Series CD-ROM (English/French includes on-screen <i>User's Guide</i>)