PictureMate Parts

LCD menu screen

Save photos to an external storage drive (CD-R, Zip disk, or flash memory drive)

Turn PictureMate on or off

Navigate menu options

Go back or stop printing

Click to print

Memory card light (flashes when reading card; on when card is in printer)

Control Panel

Memory card door

Paper support

Output tray

Front

EXT/IF (USB) port for PictBridge camera, external drive, or optional Bluetooth Adapter

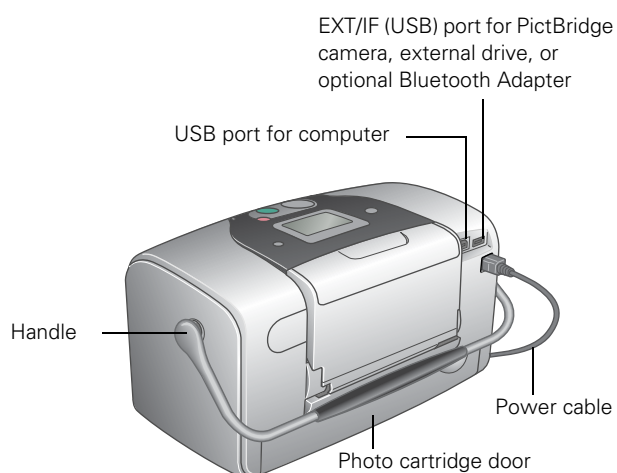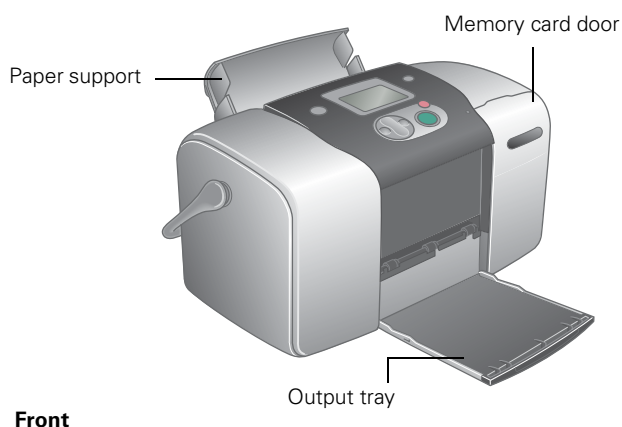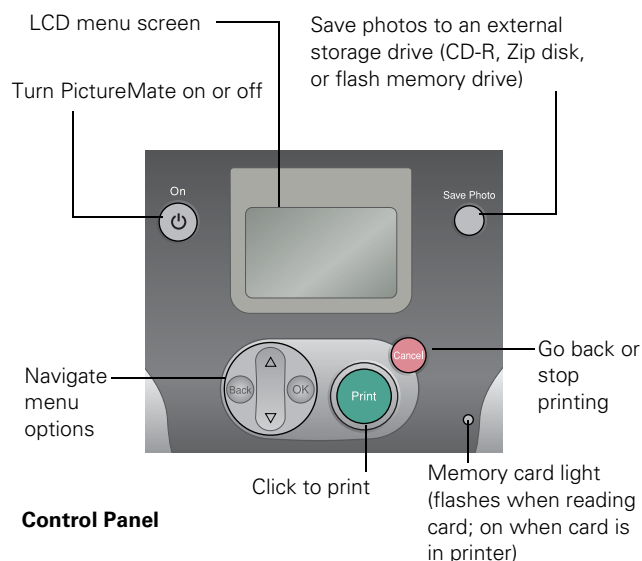USB port for computer

Handle

Power cable

Photo cartridge door

Back

Accessories

PictureMate Print Pack (part# T5570)

Includes 100 sheets of PicureMate Photo Paper and a PictureMate Photo Cartridge

PictureMate Carrying Case (part# ARC1B)

Soft case that holds PictureMate, power cable, extra PictureMate Print Pack, and more

Epson Bluetooth Photo Print Adapter (part# C12C824142)

Allows printing wirelessly from Bluetooth-enabled cell phones, PDAs, or computers to PictureMate

Printer Specifications

Printing

Nozzle configuration	90 nozzles × 6: yellow, magenta, cyan, photo black, red, blue
Print direction	Bidirectional with logic seeking
Control code	ESC/P Raster, EPSON Remote command
Input buffer	64KB

Mechanical

Paper capacity	20 sheets of PictureMate Photo Paper
Dimensions	
Storage	Width: 10.0 inches (256 mm) Depth: 6.1 inches (154 mm) Height: 6.4 inches (163 mm)
Printing	Width: 10.0 inches (256 mm) Depth: 12.0 inches (305 mm) Height: 6.4 inches (163 mm)
Weight	5.5 lb (2.5 kg) without photo cartridge

Electrical

Input voltage	108 to 132 V
Rated frequency	50 to 60 Hz
Input frequency	49.5 to 60.5 Hz
Rated current	0.4 A

Power
consumption   Approx. 13 W
Approx. 4 W in standby mode

Environmental

Temperature

Operation	50 to 95 °F (10 to 35 °C)
Storage*	–4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C)
Transit*	–4 to 140 °F (–20 to 60 °C) 120 hours at 140 °F (60 °C)

Humidity (without condensation)

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

* Stored in shipping container

Safety Approvals

Safety standards   UL 1950, CSA C22.2 No. 950

EMI   FCC part 15 subpart B class B
CSA C108.8 Class B

Photo Cartridge

Colors	Black, Cyan, Magenta, Yellow, Red, and Blue
Cartridge life	2 years from production date (if unopened) (within 6 months after opening package, at 77 °F [25 °C])
Storage temperature	–4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C)
Transit temperature	–22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C)
Freezing temperature*	12.2 °F (–11 °C)
Dimensions	7.7 × 3.6 × 0.7 inches (W × D × H) 196 × 91.5 × 18.8 mm (W × D × H)

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

Caution: To ensure good results, use a genuine PictureMate Photo Cartridge and do not refill it. PictureMate calculates the amount of ink remaining using an IC chip on the photo cartridge, so even if the cartridge is refilled, the IC chip will report that it is empty.

Do not use a photo cartridge if the date on the cartridge has expired.

Do not leave PictureMate, a PictureMate Photo Cartridge, or PictureMate with a PictureMate Photo Cartridge installed exposed to heat or direct sunlight.

Loading Paper

Follow these steps to load PictureMate Photo Paper.

Caution: Don't load plain paper; this may damage PictureMate.

1. Move the handle to the back and down.

Move handle to the back and down
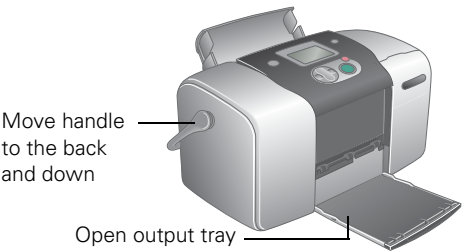
Open output tray

**Note:** Keep the handle to the back and all the way down, to allow paper to feed through.

2. Open the output tray.

3. Open the paper support. Slide the top part of the paper support up gently until it clicks into place.

Load glossy side up

Open and slide up paper support
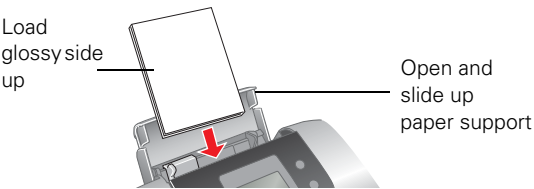
4. Place your paper against the right edge, glossy side up.

Note: Make sure paper is glossy side up to prevent smearing.

5. Slide the edge guide against the paper. Make sure it is snug, but not so tight that paper is bent.

Edge guide
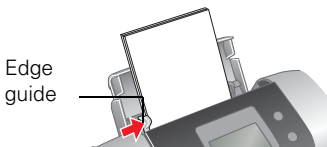
Printing

PictureMate can print photos from these devices:

❑ Your digital camera's memory card.

❑ A data storage device, such as a CD, Zip disk, or flash memory (thumb) drive. See the *Using PictureMate Without a Computer* book for details.

❑ A PictBridge- or USBDP-enabled digital camera. See the *Using PictureMate Without a Computer* book for details.

❏ A Bluetooth®-enabled device (requires an optional Bluetooth Photo Print adapter). See the *Using PictureMate Without a Computer* book for details.

❏ Your computer. See the *Using PictureMate With a Computer* booklet and the on-screen *User's Guide* (included on your PictureMate CD) for details.

However your photos are stored, make sure the image files meet these requirements:
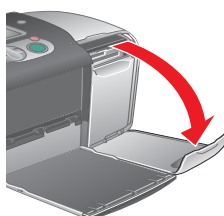
❏ JPEG files or uncompressed Tiff files only

❏ The file storage device should comply with DCF (Design rule for Camera File systems) Version 1.0

❏ Resolutions ranging from 160×160 to 4600×4600 pixels

Your PictureMate recognizes and prints the first 999 photos on your memory card or device.
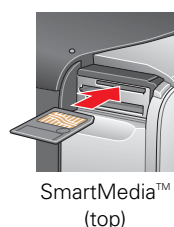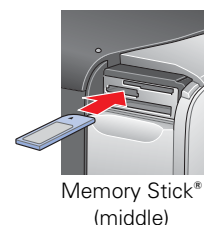
Inserting a Memory Card

Note: Insert just one card at a time. The card does not go in all the way. See above for supported photo file formats.
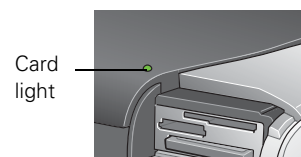
1. Press ◎ **On** to turn on PictureMate.

2. Open the memory card door.

3. Insert the memory card into one of the three slots.

CompactFlash® or Microdrive™
(bottom)

SD (Secure Digital) or
MMC (MultiMediaCard)
(middle)

Memory Stick®
(middle)

xD Picture Card™
(top)

SmartMedia™
(top)

4. Push the card in carefully until it stops (it won't go in all the way). When it is in, the card light comes on.

Card
light

5. Close the memory card door.

Now you can print a proof sheet of all the photos on your card using the PictureMate Print Wizard (see page 4). You can also choose photos and layouts for printing from the Main Menu (see page 5).

Removing a Memory Card

Make sure the card light is not flashing, then pull the card straight out of the slot.

Caution: Do not remove a card while the card light is flashing; you may lose photos on your card.

Printing a Proof Sheet With the Wizard

When you insert the memory card, you see the PictureMate Print Wizard with this message:

```
PictureMate Wizard

Print Proof Sheet?

Yes - Press Print
No  - Press Cancel
```
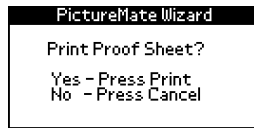
Note: If you don't see the PictureMate Print Wizard, remove and re-insert your card. If you have selected photos with DPOF (see page 6), you will not see the PictureMate Print Wizard.

1. Press ⬤ **Print** to print your proof sheet.

Photo number

Press **Cancel** instead if:

❏ you have already printed a proof sheet for the photos currently on your card

❏ you want to print all your photos and don't need to see a proof sheet

❏ you are printing with PictBridge or USBDP and you have already used your camera to choose photos to print

   Note: You should print a proof sheet if you've deleted photos or taken new photos since the last time you printed one, as the photo numbering may have changed.

   Your proof sheet includes up to 20 photos per sheet, so it might print on several sheets of paper, depending on the number of photos on your card.

2. Look at your proof sheet and choose the photo numbers for the photos you want to print, then continue with the next section to see how to print them.

Choosing and Printing Photos With the Wizard

After you print a proof sheet or cancel it, you see this screen:

```
PictureMate Wizard

Print All    - Press Print
Print Some - Press OK
Main Menu  - Press Cancel
```

You can choose the **Print All** option to print all of the photos on your card, or **Print Some** to print one or several photos by selecting the photo numbers that appear on your proof sheet.

All Photos

Press ⬤ **Print** to start printing all your photos as borderless, 4 × 6-inch prints.

Note: If your card has more than 20 photos, you will need to reload paper while printing. Load a maximum of 20 sheets at a time. When you see the message "Try loading paper again," load more paper and press OK to continue printing. If you need to cancel printing, press Cancel.

When printing is complete, you see the Main Menu. To print from the Main Menu, see page 5.

Tip: To start the PictureMate Print Wizard again, remove and re-insert your card (see page 3).

Some Photos

1. Press **OK**.

2. Press Ⓐ or Ⓥ to highlight the number of the photo you want to print (find the photo number on the proof sheet), then press **OK** to choose it.

```
▲ ☐ Photo 20
  ☐ Photo 19
  ☐ Photo 18
▼ ☐ Photo 17
```

   Tip: Hold down Ⓐ or Ⓥ to scroll quickly.

   Note: If you press OK too many times, you will deselect the photo.

3. Press Ⓐ or Ⓥ to choose the number of copies to print for that photo (up to 10), then press **OK**.

```
▲
1 ea.
▼
```

   Tip: To print more than 10 copies of a photo, use the One Photo option from the Main Menu to print up to 100 copies at once. (See page 5.)

4. Repeat steps 2 and 3 for each additional photo you want to print.

The screen shows the selected photos and the number of copies for each. (You may need to press ⒶorⓋ to see all your selected photos.)

```
▲ □ Photo 4
  ☑ Photo 3      2 ea.
  □ Photo 2
▼ ☑ Photo 1      1 ea.
```

Note: If you chose the wrong photo, you can deselect it. Highlight the selected photo and press OK to uncheck it. To change the number of copies, press OK twice and change the number as described in step 3.

5. When you're done selecting photos, press ⊙ Print.

6. Confirm your photo choices (press Ⓐ or Ⓥ to scroll through your selected photos), then press ⊙ Print again to start printing.

```
     Print Confirmation
▲  Photo 20      1 ea.
   Photo 19      1 ea.
▼  Photo 16      1 ea.
   Layout : Borderless
   Press Print to print.
   Press Cancel to change.
```

Note: If the Print Confirmation is off, you will not see the screen above and only need to press ⊙ Print once to start printing.

If you print more than 20 photos, you will need to reload paper while printing. Load a maximum of 20 sheets at a time. When you see the message "Try loading paper again," load more paper and press OK to continue printing. If you need to cancel printing, press Cancel.

When printing is complete, you see the Main Menu. To print from the Main Menu, see below.

To start the PictureMate Print Wizard again, remove and re-insert your card (see page 3).

Choosing Photos

Press Ⓐ or Ⓥ to highlight Select Photo, then press OK.

```
Select Photo▶  | All Photos
Copies         | 1 ea.
Layout         | Borderless
More Options   |
```

All Photos

Press Ⓐ or Ⓥ to highlight All Photos, then press OK.

One Photo

1. Press Ⓐ or Ⓥ to highlight One Photo, then press OK.

2. Press Ⓐ or Ⓥ to highlight the photo you want to print, then press OK.

```
▲ Photo 20
  Photo 19
  Photo 18
▼ Photo 17
```

Several Photos

1. Press Ⓐ or Ⓥ to highlight Several, then press OK.

2. Press Ⓐ or Ⓥ to highlight the photo number, then press OK to choose it.

```
▲ □ Photo 20
  □ Photo 19
  □ Photo 18
▼ □ Photo 17
```

Tip: Hold down Ⓐ or Ⓥ to scroll quickly.

Note: If you press OK too many times, you will deselect the photo.

3. Press Ⓐ or Ⓥ to choose the number of copies to print for that photo (up to 10), then press OK.

```
      ▲
   1 ea.
      ▼
```

4. Repeat steps 3 and 4 for additional photos. The screen shows selected photos and the number of copies for each. (Press Ⓐ or Ⓥ to see additional selected photos.)

```
▲ □ Photo 4
  ☑ Photo 3      2 ea.
  □ Photo 2
▼ ☑ Photo 1      1 ea.
```

Note: If you chose the wrong photo, you can deselect it. Highlight the selected photo and press OK to uncheck it. If you need to change the number of copies, press OK twice and change the number as described in step 3.
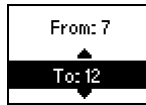
5. When you're done, press Back.

Range of Photos

1. Press Ⓐ or Ⓥ to highlight Range, then press OK.

2. Press Ⓐ or Ⓥ to choose the first photo under From. (Make sure you choose the smaller number in your range first.) Then press OK.

```
      ▲
   From: 7
      ▼
   To: 20
```

Tip: Hold down Ⓐ or Ⓥ to scroll quickly.

3. Press △ or ▽ to choose the last photo under **To**. Then press **OK**.

From: 7
▲
To: 12

Go to "Set the Number of Copies" below to choose a number of copies.

Camera-selected DPOF Photos

If you have chosen photos in your camera, **DPOF** is selected as the **Select Photo** option by default. The photos that you chose from your camera to print are automatically selected, including the number of copies.

Select Photo▸	DPOF
Copies	10 total
Layout	Borderless
More Options	

Just press ● **Print** to print your DPOF photos.

Deselect DPOF

If **DPOF** is selected and you want to choose other photos to print instead, press △ or ▽ to highlight **Select Photo**, press **OK**, then choose a different option.

Set the Number of Copies

You can print from 1 to 100 copies of your selected photos. Keep in mind that if you are printing all photos or a range of photos, the number of copies applies to every photo.

Note: If you are printing Several photos, you already chose the number of copies for each photo, so the Copies setting can't be changed from the Main Menu. (You can choose up to 10 copies per photo when printing Several.)

If you are printing DPOF photos, the number of copies is selected from your camera and the Copies setting can't be changed from the Main Menu.

1. After selecting photos on the Main Menu, press △ or ▽ to highlight **Copies**, then press **OK**.

Select Photo	1 – 15
Copies ▸	1 ea.
Layout	Borderless
More Options	

2. Press △ or ▽ to highlight the number of copies you want to print for each photo (1 to 100), then press **OK**.

Select Photo	1 – 15
Copies	2 ea.
Layout	less
More Options	

3. Continue with the next section to choose a layout for your photos.

Choose a Layout

1. On the Main Menu, press △ or ▽ to choose **Layout**, then press **OK**.

Select Photo	Several
Copies	Selected
Layout ▸	Borderless
More Options	

2. Press △ or ▽ to highlight the layout setting you want for your photo(s), then press **OK**.

Borderless
Border
Proof Sheet
Wallet

You have four choices:

■ Borderless   ▦ Proof Sheet (20 per sheet)

▣ Border   ▤ Wallet (2 per sheet)
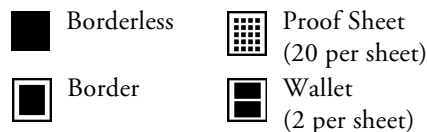
3. Continue with the next section to confirm your selections and print.

Confirm and Print

Once you have made all the basic print settings, you are ready to print.

1. Press ● **Print**.

2. Check the selected photos, number of copies, and layout setting on the Print Confirmation screen. (Press △ or ▽ to see additional selected photos.)

Print Confirmation	
Photo 20	1 ea.
Photo 19	1 ea.
Photo 16	1 ea.

Layout : Borderless
Press Print to print.
Press Cancel to change.

❏ If the list is okay, press ● **Print** again to print your photo(s).

❏ To make changes, press **Cancel** to go back.

Note: If the Print Confirmation is off, you will not see the screen above and only need to press Print once.

If you print more than 20 photos, you will need to reload paper while printing. Load a maximum of 20 sheets at a time. When you see the message "Try loading paper again," load more paper and press OK to continue printing. If you need to cancel printing, press Cancel.

Doing More With Your PictureMate

The More Options menu on PictureMate lets you modify your prints, as follows:

❏ Print photos in black and white or a sepia tone

❏ Crop and print only part of one photo

❏ Correct or enhance photo prints

❏ Print the time and/or date with photos

See the *Using PictureMate Without a Computer* book for more information.

Replacing Ink and Paper

When PictureMate is low on ink or you are out of paper, it is time to buy a new PictureMate Print Pack (includes a PictureMate Photo Cartridge and 100 sheets of PictureMate Photo Paper) and replace the Photo Cartridge.

Tip: You can check the ink level at any time (see the *Using PictureMate Without a Computer* book).

Caution: Refilling the photo cartridge could result in damage to PictureMate from ink spills.

Note: Use your PictureMate Photo Cartridge within six months of installing it and before the expiration date on the package. For PictureMate Photo Paper storage and handling tips, see page 8.

Remove the Used Photo Cartridge

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

Caution: Before you replace the cartridge, read the "Photo Cartridge Saftey Instructions" in the *Using PictureMate Without a Computer* book.

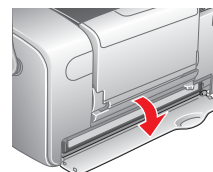1. If PictureMate is on, press the ⏻ On button to turn it off.

2. Wait until the LCD screen goes blank, then disconnect the power cable and USB cable (if connected).
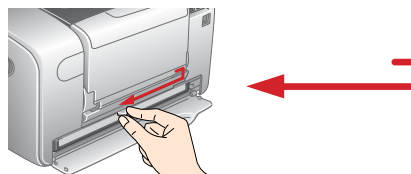
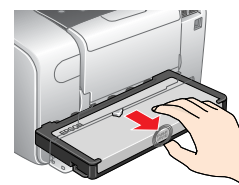3. Flip the handle over to the front.

4. Open the cartridge door on the back of PictureMate

5. Set the lever into the Release position by sliding it in the direction shown. This releases the cartridge.

6. Carefully pull out the cartridge.

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

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them thoroughly with water. If discomfort or vision problems continue after flushing, see a doctor immediately.

Insert the New Photo Cartridge

1. Shake the cartridge four or five times while it is still wrapped in its packaging.
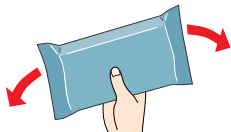
2. Unwrap the cartridge.

   Caution: Don't touch the green circuit board. Install the photo cartridge immediately after you remove it from its package. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.

3. Make sure the lever is moved to the left before you insert the cartridge, then carefully slide the cartridge, label side up, into the slot.
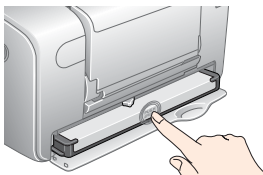
4. Push the cartridge in slowly in the middle until you hear it click into place lightly and feel slight resistance.

5. Hold the cartridge in place as you move the lever to the Lock position by sliding it in the direction shown.
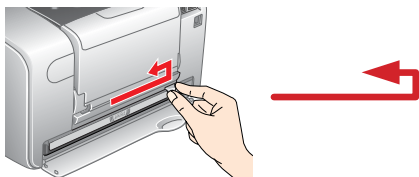
6. Close the cartridge door.
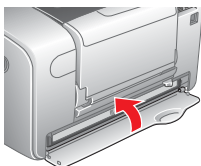
7. Move the handle over to the back.

8. Reconnect the power cord. If you're using a computer or external drive, reconnect the USB cable to PictureMate.

9. Turn PictureMate back on.

   When PictureMate recognizes the new photo cartridge, it starts charging the ink, and you see an ink charging message. When charging is complete, you can begin printing again.

Store and Display PictureMate Prints

Photos printed on PictureMate Photo Paper will give you beautiful, long lasting images. Follow these guidelines to ensure they will look great for years.

Store Your Prints

❏ To avoid scratches or smudging, do not rub the printed side of the photo.

❏ If you stack photos, do not stack them with the printed sides touching.

Display Your Prints

❏ To ensure prints will last as long as possible, store them in glass frames or photo albums.

❏ Keep prints out of direct sunlight to prevent fading.

❏ Let prints sit for 24 hours before framing.

Store Unused Paper

Return unused paper to the original package. Store paper away from extreme temperatures, high humidity, and bright light.

Cleaning the Print Head

If your print quality is not as good as it used to be, your photos are light or faint, or you are missing colors in your prints, your PictureMate's print head nozzles may be clogged.
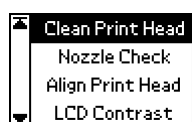
Follow these steps to clean the print head:

1. On the Main Menu, press Ⓐ or Ⓥ to highlight More Options, then press OK.

Select Photo	All Photos
Copies	1 ea.
Layout	Borderless
More Options	

2. Press △ or ▽ to highlight **Maintenance**, then press **OK**.

Date Stamp	None
Time Stamp	None
P.I.F. Index	
Print Wizard	On
Print Confirmation	On
Maintenance	

3. Press △ or ▽ to highlight **Clean Print Head**, then press **OK**.

Clean Print Head
Nozzle Check
Align Print Head
LCD Contrast

4. When you see this message, press **OK** to begin cleaning the print head.

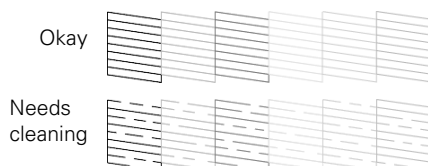| **Clean Print Head** |
|---|
| Press OK to begin head cleaning. |
| Press Cancel to quit. |
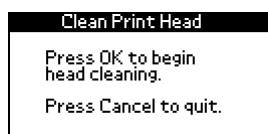
The cleaning takes several seconds, during which the message **Cleaning print head. Please wait.** appears on the screen.

5. When cleaning is complete, you see a message asking if you want to print a nozzle check pattern. If you want to check to see if the nozzles are clean, load a sheet of photo paper (see page 2), then press **OK** to print the nozzle check.

If you don't want to print a nozzle check, press **Cancel** to go back to the Main Menu.

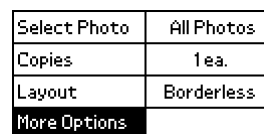6. Check the pattern to see if there are any gaps in the lines.

Okay

Needs cleaning

If there are gaps, press **OK** to clean the print head again. If there are no gaps, press **Cancel** to go back to the PictureMate Main Menu.

Aligning the Print Head

If you have moved PictureMate and print quality is not as good as it was before—for example, you see misaligned vertical lines or light or dark horizontal banding—you may need to align the print head.

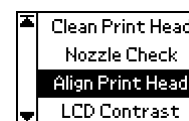1. Load a sheet of photo paper (see page 2).

2. On the Main Menu, press △ or ▽ to highlight **More Options**, then press **OK**.
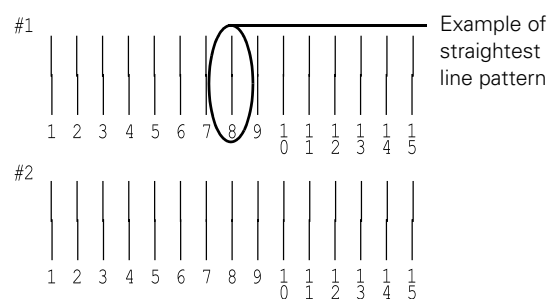
Select Photo	All Photos
Copies	1ea.
Layout	Borderless
More Options	

3. Press △ or ▽ to highlight **Maintenance**, then press **OK**.

Date Stamp	None
Time Stamp	None
P.I.F. Index	
Print Wizard	On
Print Confirmation	On
Maintenance	

4. Press △ or ▽ to highlight **Align Print Head**, then press **OK**.

Clean Print Head
Nozzle Check
Align Print Head
LCD Contrast

5. Press ⊙ **Print** when you see the next message.

6. After the pattern prints, look at it to see which line pattern is the straightest. (You may need to use a magnifying glass.)

#1
1 2 3 4 5 6 7 8 9 1 1 1 1 1 1
          0 1 2 3 4 5

Example of straightest line pattern

#2
1 2 3 4 5 6 7 8 9 1 1 1 1 1 1
          0 1 2 3 4 5

7. Press △ or ▽ to highlight the number for the best pattern (1 to 15) in set #1, then press **OK**.

Align Print Head
Select the most vertically aligned pattern in set #1.
8
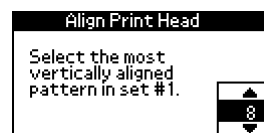
8. Press △ or ▽ to highlight the number for the best pattern (1 to 15) in set #2, then press **OK**.

9. Press **OK** to exit the alignment screen. The Main Menu appears on the screen.

Taking PictureMate With You

The handle on PictureMate makes it easy to carry PictureMate short distances (from one room to the next, for example). If you take your PictureMate a longer distance, you should pack it carefully to make sure it isn't damaged.

Caution: To avoid damaging your PictureMate, keep it out of the sun and don't leave it in your car or other location where it can get too hot.

1. If PictureMate is on, press ⏻ On to turn it off.

2. Wait until the LCD screen goes blank, then unplug the power cord from the outlet.

3. Remove paper from the paper support and output tray.

4. Push down the top of the paper support and close it against PictureMate. Then close the output tray.

5. Disconnect the power cord and any connected USB cable from the back of PictureMate.

6. Pack PictureMate and its power cable (both parts) into the box that PictureMate came in, or in the optional PictureMate Carrying Case.

   Caution: Make sure the photo cartridge is installed before transporting. Don't place PictureMate on its side or upside down, or ink may leak.

   Note: If your prints don't look as good after PictureMate has been moved, try aligning the print head (see page 9).

Related Documentation

CPD-17894	PictureMate *Start Here*
CPD-17732	*Using PictureMate Without a Computer* book
CPD-17895	*Using PictureMate With a Computer* book
CPD-17893	PictureMate CD-ROM with electronic *User's Guide*