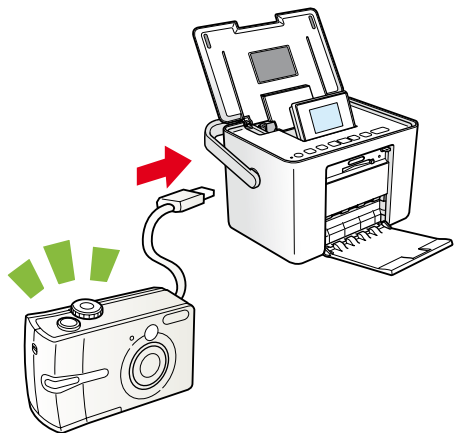
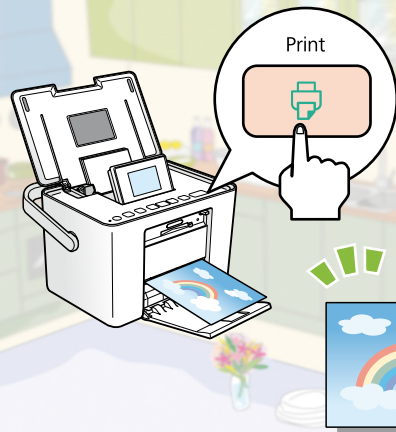
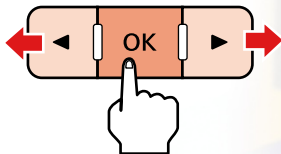
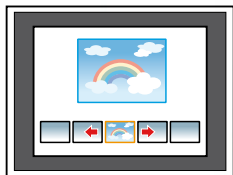
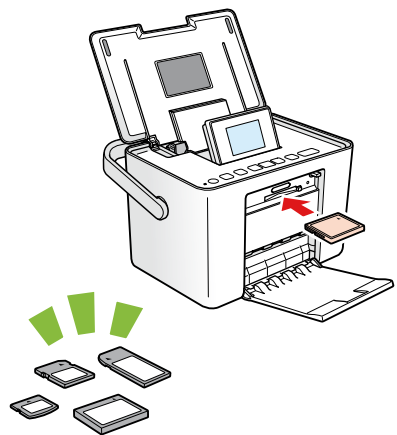




# User's Guide

- for use without a computer -



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## Photo Printer

# PictureMate™ PM 215

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# Safety Instructions

---

## Warnings, Cautions, and Notes



### Warnings

*must be followed carefully to avoid bodily injury.*



### Cautions

*must be observed to avoid damage to your equipment.*

### Notes

*contain important information and useful tips on the operation of your printer.*

---

## Important Safety Instructions

Read all of the instructions in this section before using your printer. Also, be sure to follow all warnings and instructions marked on the printer.

## When choosing a place for the printer

Observe the following when choosing a place for the printer:

- ❑ Place the printer on a flat, stable surface that extends beyond the base of the printer in all directions. If you place the printer by the wall, leave more than 10 cm between the back of the printer and the wall. The printer will not operate properly if it is tilted at an angle.
- ❑ When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down. Otherwise, ink may leak from the cartridge.
- ❑ Leave enough space in front of the printer for the paper to be fully ejected.
- ❑ Avoid places subject to rapid changes in temperature and humidity. Also, keep the printer and the AC adapter away from direct sunlight, strong light, water, or heat sources.
- ❑ Do not leave the printer in a place subject to high temperature, such as in a car. Also, keep the printer away from direct sunlight, strong light, and heat sources. Otherwise, the printer may be damaged or ink may leak.
- ❑ Avoid places subject to dust, shock, or vibration.

- ❑ Leave enough room around the printer to allow for sufficient ventilation.
- ❑ Place the AC adapter near a wall outlet where the plug can be easily unplugged.
- ❑ Do not place or store the printer and the AC adapter outdoors.

## **When setting up your printer**

Observe the following when setting up the printer:

- ❑ Do not block or cover the vents and openings in the printer.
  - ❑ Power supply cords should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of power-supply cords and do not allow the AC adapter or power-supply cords to be stepped on or run over. Be particularly careful to keep all power-supply cords straight at the ends and the points where they enter and leave the AC adapter.
  - ❑ Use only the power-supply cords that comes with this product. Use of another cord may result in fire or electrical shock, or injury.
  - ❑ The AC adapter model A381H is designed for use with the printer with which it was included. Do not attempt to use it with other electronic devices unless specified.
- ❑ Use only the type of power source indicated on the AC adapter's label, and always supply power directly from a standard domestic electrical outlet with the AC power cord that meets the relevant local safety standards.



### **Warning:**

*Refer to the rating plate for the voltage and check that the appliance voltage corresponds to the supply voltage.*

- ❑ Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- ❑ Avoid using electrical outlets controlled by wall switches or automatic timers.
- ❑ Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- ❑ Do not use a damaged or frayed power cord and the AC adapter.
- ❑ If you use an extension cord with the printer, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- ❑ Never disassemble, modify, or attempt to repair the AC adapter, power cord, printer, and options by yourself except as specifically explained in the printer's guides. Doing so may result in injury, electric shock, or fire.

- ❑ Unplug the printer, and refer servicing to qualified service personnel under the following conditions:

The power cord or plug is damaged; liquid has entered the printer or the AC adapter; the printer or the AC adapter has been dropped or the casing damaged; the printer or the AC adapter does not operate normally or exhibits a distinct change in performance. (Do not adjust controls that are not covered by the operating instructions.)

- ❑ Do not use with wet hands.
- ❑ If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.
- ❑ If you plan to use the AC adapter in Germany, the building installation must be protected by a 10 or 16 amp circuit breaker to provide adequate short-circuit protection and over-current protection for this printer.

### **Note on handling the AC power cord for Singapore users**

Safety requirements

Mains plug:

Use a 2-pin mains plug that is certified to IEC 83 Standard C5.

Flexible cord:

Use a double insulated flexible cord that is certified\* to the relevant IEC or BS standards.

Appliance connector:

Use an appliance connector certified\* to the relevant IEC320.

\* certified by member of IECEE CB Scheme.

## **When using the printer**

Observe the following when using the printer:

- ❑ If you use the printer in places where the use of electronic devices is limited, such as in airplanes or hospitals, follow all instructions in those places.
- ❑ Do not insert objects through the slots in the printer.
- ❑ Take care not to spill liquid on the printer and the AC adapter.
- ❑ Do not put your hand inside the printer or touch the photo cartridge during printing.
- ❑ Do not use aerosol products that contain flammable gases inside or around this product. Doing so may cause fire.
- ❑ Always turn the printer off using the  $I/O$  On button. Do not unplug the printer or turn off the power to the outlet until the power light goes out.
- ❑ Before transporting the printer, make sure that the photo cartridge is in place.
- ❑ Leave the photo cartridge installed. Removing the cartridge can dehydrate the print head and may prevent the printer from printing.



## ***When using a memory card***

- ❑ Use only memory cards compatible with the printer. See "Inserting a Memory Card" on page 11

## ***When using LCD screen***

- ❑ The LCD screen may contain a few small bright or dark spots, and because of its features it may have an uneven brightness. These are normal and do not indicate that it is damaged in any way.
- ❑ Only use a dry, soft cloth to clean the LCD screen. Do not use liquid or chemical cleansers.
- ❑ If the LCD screen on your printer's control panel is damaged, contact your dealer. If the liquid crystal solution gets on your skin, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.

## ***When using the optional Bluetooth Photo Print Adapter***

Refer to the Bluetooth Photo Print Adapter's documentation for the safety instructions.

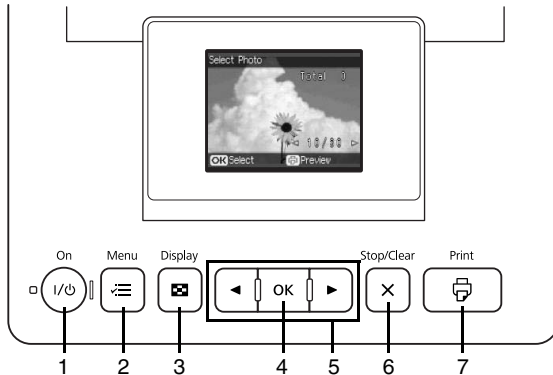
## ***When handling photo cartridges***

Observe the following when handling photo cartridges:

- ❑ Do not shake photo cartridge after removing it from the bag; this can cause leakage.
- ❑ Do not remove or tear the label on the cartridge; this can cause leakage.
- ❑ Use the photo cartridge before the date printed on the cartridge carton.
- ❑ Do not dismantle photo cartridges or try to refill them. This could damage the print head.
- ❑ After bringing a photo cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- ❑ Store photo cartridges in a cool, dark place.
- ❑ The IC chip on the photo cartridge retains a variety of cartridge-related information, such as the photo cartridge status so that the cartridge may be removed and reinstalled freely.
- ❑ If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water. If you still have discomfort or vision problems, see a doctor immediately.

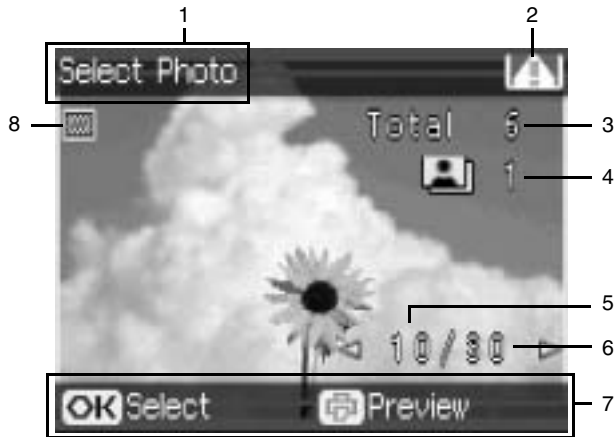
# Printer Parts and Functions

## Control Panel Functions



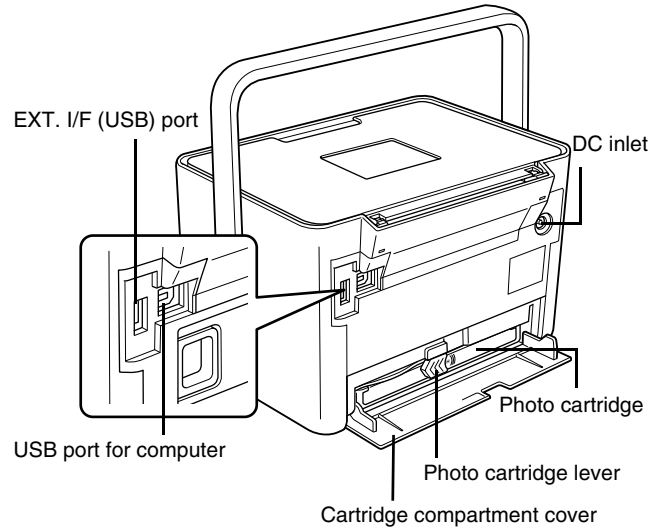
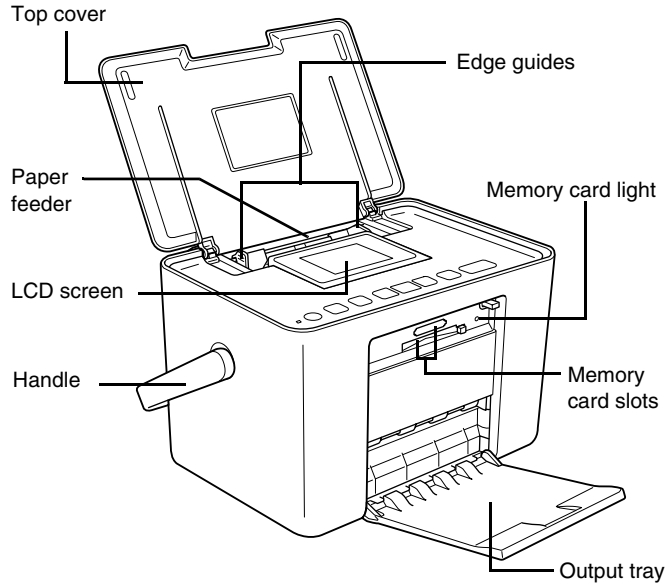
|   | Parts                  | Function   |
|---|------------------------|--|
| 1 | I/O On button          | Press to turn the printer on and off.  |
| 2 | ☰ Menu button          | Press to enter the Menu mode for the print settings or maintenance options.                    |
| 3 | ☒ Display button       | Press to change the view of the screen.  |
| 4 | OK button              | Functions as shown in the LCD screen.  |
| 5 | ◀▶ 2-way scroll button | Press to move the cursor on the LCD screen.  |
| 6 | ✕ Stop/Clear button    | Press to cancel printing or to clear the number of copies and cancel selecting photos by date. |
| 7 | 🖨️ Print button        | Press to start printing.   |

## Understanding the LCD Screen



|   |  |
|---|--|
| 1 | The printing stage for this job.                     |
| 2 | Appears when ink is low.                             |
| 3 | The total number of photos you selected to print.    |
| 4 | The number of copies for the selected photo.         |
| 5 | The number for the current photo.                    |
| 6 | Total number of photos.                              |
| 7 | Guidance. The icons show the buttons to press.       |
| 8 | Appears when you select Frame as the layout setting. |

## Printer Parts



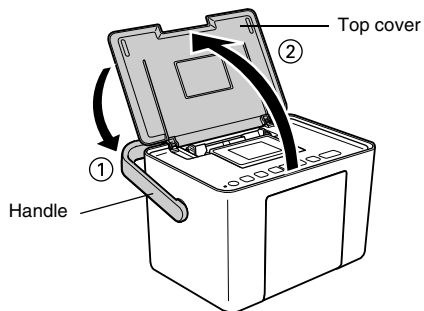
---

## Preparing to Print

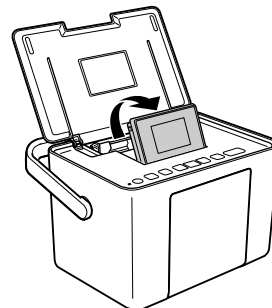
---

### Inserting a Memory Card

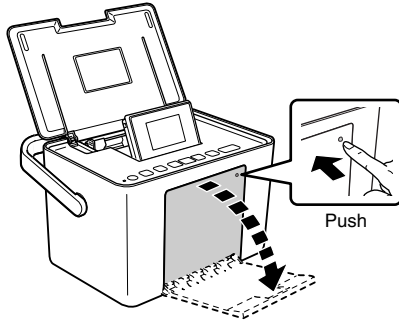
1. Move the handle to the back. Then open the top cover.



2. Raise and adjust the LCD screen so that you can see it well.



3. Open the output tray.

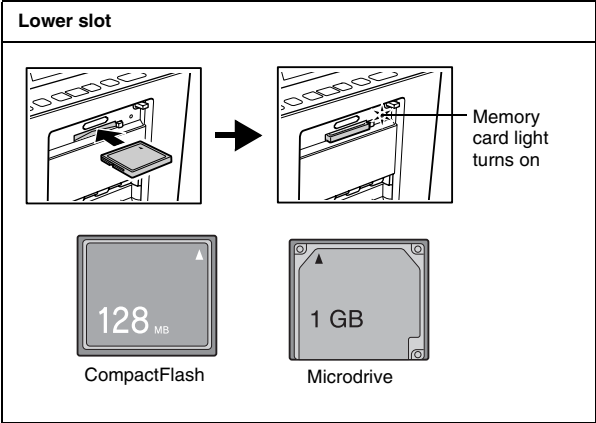
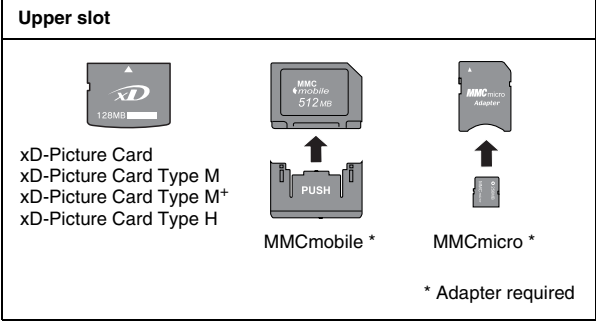
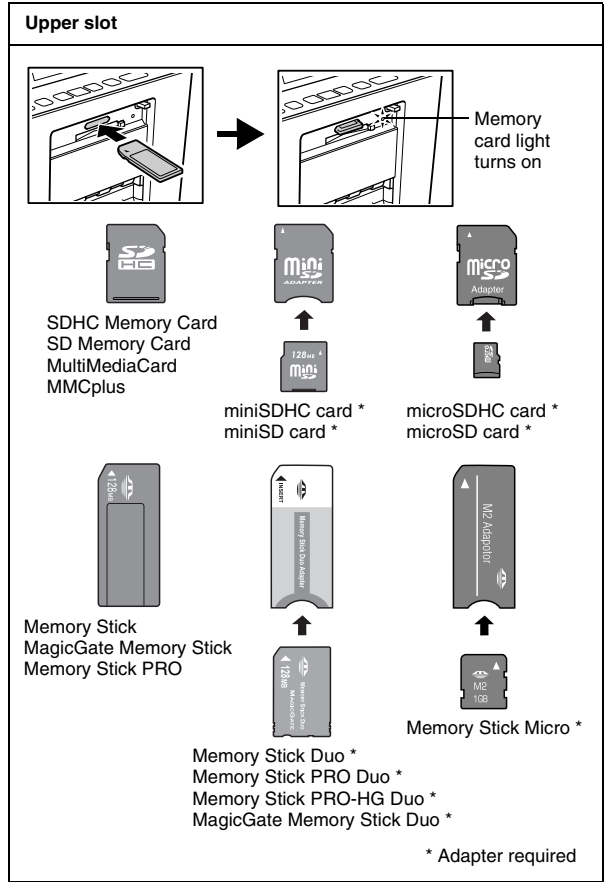


4. Press  $\text{I/O}$  On.
5. Make sure the memory card light is off and no cards are in both slots. Then insert a memory card into the correct slot, as shown in the illustration.



**Caution:**

- ❑ *Insert just one card at a time.*
- ❑ *Load your memory card only as shown in the following table or you may damage your printer, memory card, or both. If you insert a card incorrectly, you see an error message on the LCD screen. Remove the memory card and insert it correctly.*
- ❑ *Do not press the button on the right side of the lower card slot when you insert a CompactFlash card or you cannot remove the card.*
- ❑ *If the CompactFlash card is not recognized, remove the card and insert it again.*
- ❑ *Make sure you fit mini memory cards with their adapters before inserting them into the printer's memory card slots. If you do not use an adapter, the memory card and the printer may be damaged.*



- The memory card light flashes and then stays on. It takes a few seconds to recognize the memory card. Now you can choose photos and layouts for printing from the LCD screen. See “Basic Photo Printing” on page 18.

**Note:**

*When you see a message saying that the memory card contains 1000 photos or more, press OK and select the group containing the photos you want to print. See “Choosing a Group of Photos” on page 16”.*

For the latest information on memory cards available for your printer, contact your dealer or regional Epson sales office.

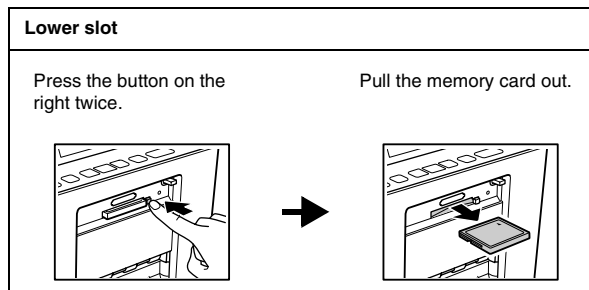
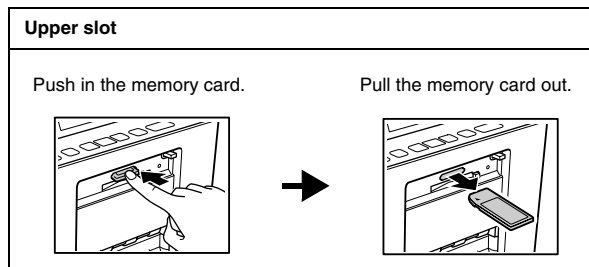
## **Removing the memory card**

When you are ready to remove a memory card, make sure the memory card light is not flashing, then remove the memory card from the slot.



**Caution:**

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





---

## Loading Paper

When loading special paper distributed by Epson, read the instruction sheets packed with the paper first.

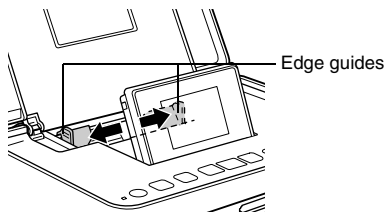
Follow these steps to load PictureMate Photo Paper:



**Caution:**

*Do not load plain paper; this may damage PictureMate.*

1. Make sure the edge guides are slid to the sides.

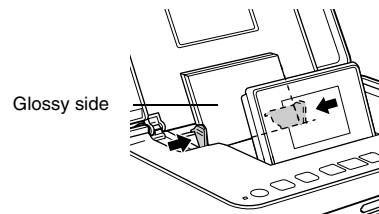


2. Place your paper in the center, with the glossy side up.

**Note:**

*Make sure paper is glossy side up to prevent smearing.*

3. Slide the edge guides against the paper. Make sure they are snug, but not so tight that paper cannot move.



**Note:**

- You can load up to a maximum of 20 sheets for photo papers, or 1 sheet for Photo Sticker.
- When you need more paper, order a PictureMate PicturePack. See "Photo Cartridge, Paper, and Options" on page 48 for more information.

---

## Paper Handling Instructions

### When storing printouts

- Do not touch the printed side or stack your printouts until the ink is dry.

- ❑ To avoid scratching the image, be sure not to rub the printed side of the paper. If the printed side is rubbed too strongly, ink may come off the paper.
- ❑ Do not stack printouts with the image sides touching.
- ❑ Do not stack printouts and conventional film photographs with the image sides touching.
- ❑ If you stack printouts, place a sheet of plain paper or other absorbent paper between the individual prints.

### ***When storing unused paper***

Return any unused paper to the original package, and store it away from extreme temperatures, high humidity, and bright lights.

### ***When displaying printouts***

- ❑ When displaying your printouts indoors, Epson recommends placing your printouts in glass frames to preserve the colors in your image.

- ❑ Avoid displaying your printouts outdoors or in a place exposed to direct sunlight to prevent fading.

#### ***Note:***

*For best results, allow your prints to dry thoroughly for 24 hours before framing.*

---

## ***Choosing a Group of Photos***

If your memory card contains 1000 photos or more, PictureMate sorts them by file name and divides them into groups of 999 photos. Select the group from which you want to print photos.

#### ***Note:***

*The last group may contain less than 999 photos.*

1. Load paper and a memory card.
2. When you see a message saying that the memory card contains 1000 photos or more, press **OK**.
3. Press **◀** or **▶** to select the group from which you want to print photos, and then press **OK**. Now you are ready to select and print photos. See “Basic Photo Printing” on page 18 to print your photos.

**Note:**


*You can switch which group of photos to load at any time by selecting Select Group from the Select Photos menu.*

---

## **Basic Photo Printing**







---


### **Changing the View of Photos on the LCD Screen**


You can change the view of photos displayed by pressing the  Display button.

---

### **Printing Selected Photos**

1. Press  or  to select the photo you want to print, and then press .
2. Press  or  to set the number of copies you want to, and then press .
3. Repeat steps 1 and 2 for additional photos.
4. If you want to make optional settings such as color effects, see “Editing Your Photo” on page 21.

5. Press  to preview the photo you want to print.




If you want to change the paper size or layout, press  Menu, and then select Basic Print Settings. Select the paper size and the layout you want to use from the Paper Size and the Layout settings.

For details, see “Making Paper and Print Layout Settings” on page 21.

6. Press .

---

### **Printing Groups of Photos**

1. Press  Menu.
2. Select Select Photos, and then press .
3. Select the menu you want to use to print, and then press .

|                   |  |
|-------------------|--|
| Select All Photos | Select all of the photos on your card. When your card contains 1000 or more photos, this selects all of the photos in the group selected.  |
| Select By Date    | Select photos by the date they were taken.   |
| Select Group      | Select a group of photos when your card contains 1000 or more photos.<br>➔ See “Choosing a Group of Photos” on page 16.<br>Note: This function is only available when the card contains 1000 or more photos. |

4. Follow the on-screen instructions.

**Note:**


- ❑ *If you want to set the number of copies for specified photos only, select the photo you want to increase and press OK. Next, press ► and then press OK again.*
- ❑ *If there is DPOF information on the memory card, PictureMate enters DPOF print mode. See the next section. To print all of the photos on the memory card, select No, press OK, and then cancel DPOF information from your camera. Then follow the steps above.*

## Printing Camera-Selected DPOF Photos

If your camera supports DPOF (Digital Print Order Format), you can use it to preselect which photos and how many copies you want to print. See your camera's manual to choose photos for printing with DPOF, then insert your memory card in PictureMate. PictureMate automatically reads your preselected photos.

1. Load paper and a memory card that contains DPOF data. The screen below appears on the LCD screen.



2. Select Yes and then press OK to confirm the paper size and layout. Press .

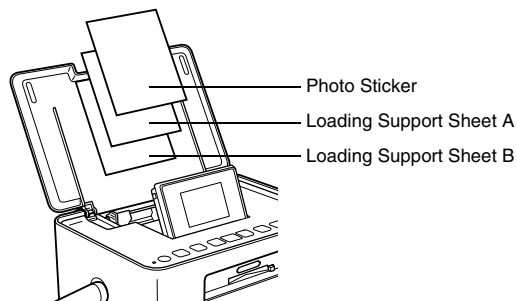
**Note:**

*If you want to print all of the photos on the memory card, select No, and then press OK to cancel DPOF information from your camera. After that, follow the steps in “Printing Groups of Photos” on page 18.*

## Printing on Photo Stickers

You can print 1, 4, 9, or 16 photos on the Epson Photo Sticker. See “Making Paper and Print Layout Settings” on page 21 for the print layout.

1. Load an Epson Photo Sticker sheet with Loading Support Sheets.



**Note:**

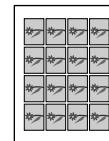
*Be sure to use the loading support sheets, and load one sheet at a time.*

2. Press Menu.
3. Select Basic Print Settings, and then press OK.

4. Select Paper Size, and then press OK.
5. Select PhotoSticker, and then Press OK.
6. Press or to select the layout you want, and then press OK.
7. Select the photo you want to print, set the number of copies you want to and print them. See “Printing Selected Photos” on page 18.

Print layout when 4 photos, 9 photos, or 16 photos is selected  
(The images below show the case of 16 photos)

When 1 photo is selected



More than two photos or  
copies are selected








**Note:**

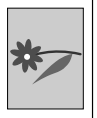

*To adjust the print position of pre-cut 16-up Photo Stickers, See “Setup” on page 30.*

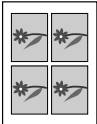
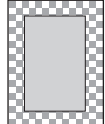
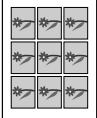
# Printing Options

## Making Paper and Print Layout Settings

You can select the print layout from the following options.

| 10 × 15 cm 4 × 6"   |             |   |             |
|---|-------------|---|-------------|
|  | Borderless  |  | 4 Per Print |
|  | Border      |  | Frame       |
|  | 2 Per Print |   |             |


| PhotoSticker  |         |   |                            |
|---|---------|---|----------------------------|
|  | 1 Photo |  | 16Pht. B/less<br>16 Photos |

| PhotoSticker   |          |   |       |
|--|----------|---|-------|
|  | 4 Photos |  | Frame |
|  | 9 Photos |   |       |

**Note:**

The Frame layout is displayed when your memory card contains frame data.

## Editing Your Photo

1. Press  Menu.
2. Select Basic Print Settings or Advanced Print Settings from the Setup menu, and then press OK.

- Select the item you want to edit, and then follow the on-screen instructions.

## Basic Print Settings

|                 |  |  |
|-----------------|--|--|
| Paper Size      | You can choose 10 × 15 cm (4 × 6 in) or Photo Sticker.   |  |
| Layout          | See “Making Paper and Print Layout Settings” on page 21.   |  |
| Fix Photos *    | Enhance  | Use this if a print does not look good; for example, this may correct images that are too dark, too bright, or backlit.  |
|                 | P.I.M.   | Process images according to the PRINT Image Matching information or Exif Print information in your digital files. This information helps to ensure an accurate image reproduction. |
|                 | Off  | Prints photos as is or bypasses P.I.M. or Exif Print data (default setting for files with no P.I.M. or Exif Print data).   |
| Scene Detection | Adjust the mode according to the scene of your photo. Select Standard, People, Landscape or Night Scene. This function is only available when you select Enhance as the Fix Photos option. |  |

|              |   |
|--------------|---|
| Date Stamp   | Print the date your photo was taken in the following format. (day, month, year: 26.Aug.2007)<br>This function is only available when you select Border, Borderless, or 2 Per Print as the layout setting. |
| Color Effect | None / B & W / Sepia  |

### Note:

- All of the above function, these settings affect only your printed photos.*
- None of the above functions are cleared when you press the Stop/Clear button during printing.*
- \* If your camera supports PRINT Image Matching or Exif Print, you can use the printer's P.I.M. settings to automatically adjust your photos for the best result.  
If your camera does not support them, you can use Enhance to make adjustments for the type of environment in which your photos were taken.*



## Advanced Print Settings

|             |  |
|-------------|--|
| Expansion   | <p>Adjust the margins that are trimmed when you select Borderless.</p> <p>Standard: No margins are printed.</p> <p>Middle: The expansion rate is low.<br/>(The margins might be printed.)</p> <p>Minimum: The expansion rate is lower than Middle.<br/>(The margins might be printed.)</p>   |
| Camera Text | <p>Select On to print text added from your digital camera.</p> <p>Note:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> This function is only available for specific digital cameras that allow you to add text to photos. Check your camera's documentation.</li><li><input type="checkbox"/> Depending on the size of the characters, the maximum number of printable characters changes. For example, for large characters such as a string of upper case "W", the number of printable characters is 32 for 10 × 15 size.</li><li><input type="checkbox"/> You can print up to 20 lines of text depending on your digital camera.</li><li><input type="checkbox"/> This function is only available when you select Borderless as the layout setting.</li></ul> |
| Fix Red-Eye | <p>Select On to correct red-eyes in your photo (default: Off).</p> <p>Note: Depending on the type of photo, parts of the image other than the eyes may be corrected.</p>   |

### Note:

*None of the above functions are cleared when you press the Stop/Clear button during printing.*

---

## Printing From an External Device

PictureMate can print stored photos on a device such as a Bluetooth-enabled device or a digital camera.

---

### Printing From a PictBridge-Enabled Camera

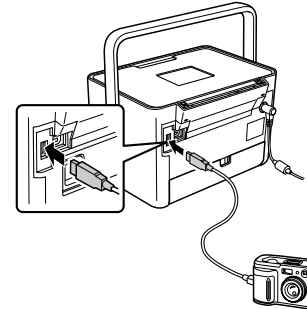
You can connect your PictBridge-enabled digital camera to the back of PictureMate and use the camera to control printing. (See your digital camera's documentation to see if it supports the PictBridge standard.)

1. Make sure PictureMate is on.
2. Make sure there are no memory cards in PictureMate's slots. The memory card light should be off.

**Note:**

*If a memory card is inserted, the printer will read photos from the card, not from a camera.*

3. Use the PictureMate's control panel to adjust the print settings. (For example Layout and Color Effect.)
4. Connect your camera's USB cable to your camera and the EXT. I/F port on the back of PictureMate.



5. Use the digital camera to select the photo you want to print. Be sure to make the desired print settings on the digital camera because the digital camera settings generally take precedence over the print settings of PictureMate. See your digital camera's documentation for information on more detailed settings.

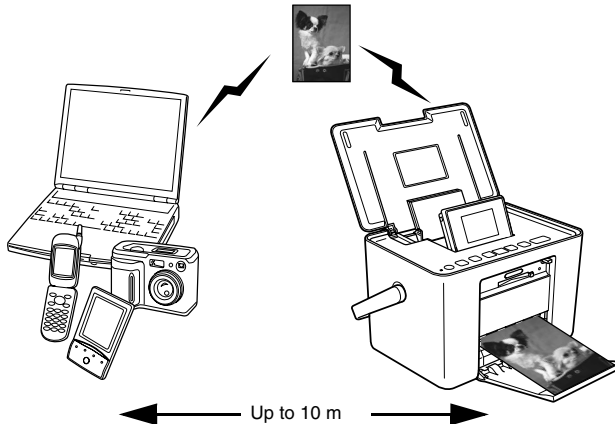
6. Print from the digital camera.

---

## ***Printing From a Bluetooth Device***

### ***About the Bluetooth Photo Print Adapter***

The optional Bluetooth Photo Print Adapter is a wireless communication module used to print from digital cameras and other devices with Bluetooth wireless technology without cables when connected to the printer.



#### **Note:**

- ❑ *While this product complies with the Bluetooth Specification, it is not guaranteed to work with all devices enabled with Bluetooth wireless technology.*
- ❑ *The communication range of this product is approximately 10 meters; however, this may vary depending on conditions including obstacles between devices; signal quality; magnetic fields; static electricity and electromagnetic interference; software; operating system; reception sensitivity; antenna performance; and when sharing the same wireless frequencies with equipment such as microwave ovens or cordless telephones.*

## Available profile

|  |
|--|
| Basic Printing Profile (BPP)   |
| Basic Imaging Profile (BIP)<br>Printable file size is up to 2.5 MB. Up to 10 jobs can be queued<br>(Maximum 3 MB). |
| Hardcopy Cable Replacement Profile (HCRP)  |
| Object Push Profile (OPP)  |

## Connecting and disconnecting the Bluetooth Photo Print Adapter

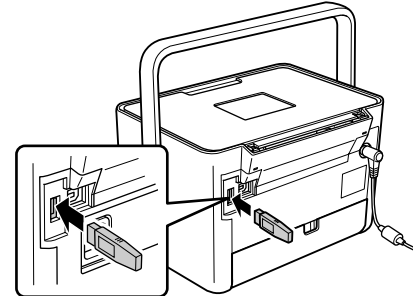
### Connecting

1. Insert the Adapter connector into the EXT. I/F port as shown below.



### Caution:

*Do not connect this product while the printer is operating. Doing so may cause the printer to malfunction.*

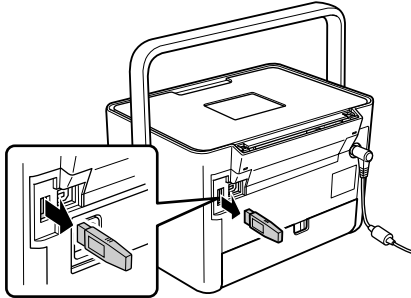


2. The Adapter's light comes on for one second. If the LED does not turn on, disconnect the Adapter from PictureMate, then reconnect it.

Next, make the settings for Bluetooth wireless communication. See "Bluetooth settings" on page 27.

## Disconnecting

Remove the Adapter's connector from the EXT. I/F port as shown below.



### **Caution:**

- ❑ *Do not remove this product while communicating with another device.*
  
- ❑ *Do not disconnect this product while the printer is operating. Doing so may cause the printer to malfunction.*
  
- ❑ *Do not remove this product by pulling on its upper section. Doing so may damage the product.*

## Bluetooth settings

Use the LCD screen on PictureMate to make settings for Bluetooth wireless communication.

➔ See “Making settings” on page 28


## Outline of settings

| Setting    | Choices                                | Description  |
|------------|--|--|
| Printer ID | printer name-(number)<br>(Default = 1) | If multiple printers enabled with Bluetooth are in the same communication range, distinguish them by assigning each number from 0 through 9.<br><br>To make the Printer ID setting take effect, turn the printer off and then back on. |

|                    |                        |   |
|--------------------|------------------------|---|
| Communication Mode | Discoverable           | This mode allows devices enabled with Bluetooth to freely discover the printer and print.   |
|                    | Not Discoverable       | This mode prevents unknown devices from discovering the printer.<br><br>To print in this mode, first search for the printer once in Discoverable mode. After your device has discovered the printer in Discoverable mode once, it will subsequently be able to communicate with and print from it in this mode. |
|                    | Pairing                | This mode requires that the four-digit Passkey be entered into a device before it can communicate with and print from the printer.  |
| Encryption         | On/Off (Default = Off) | Select On to encrypt communication. Encryption requires that the four-digit Passkey be entered into a device before it can communicate with and print from the printer.   |

|                |  |  |
|----------------|--|--|
| Passkey        | Any four-digit number (Default = 0000)         | The Passkey setting allows you to set the four-digit Passkey that must be entered into a device before printing if Pairing is selected as the Communication Mode or if Encryption is On. |
| Device Address | Set at the factory (Example) 11-11-11-11-11-11 | Displays the unique Bluetooth Device Address of the printer.   |

### ***Making settings***

1. Press  Menu.
2. Select Setup, then press OK.
3. Select Bluetooth, then press OK.
4. Select Bluetooth Setup, then press OK. Set the Printer ID, Communication Mode and Encryption. See “Outline of settings” on page 27 for information about Bluetooth settings except Passkey setting. See “The Bluetooth Passkey setting” on page 28 to set the Passkey.

### ***The Bluetooth Passkey setting***

After you set the Printer ID, Communication Mode, and Encryption, you can set a passkey.

1. Press ◀ or ▶ to select a number for the digit, and then press OK.

**Note:**

*Press the Stop/Clear button to return to the digit on the left.*

2. Select numbers for the other digits in the same way, and then press OK.
3. At the confirmation screen, press OK to activate the Passkey.

3. Print the data from your Bluetooth enabled device.

For more information about printing from Bluetooth wireless-capable mobile phones, digital still cameras, digital video cameras, PDAs, mobile PCs and other Bluetooth wireless-capable device, refer to the documentation for both the device and the printer.

## **Printing**

1. Make sure Bluetooth settings have been made. For details on making Bluetooth settings, see “Bluetooth settings” on page 27.
2. Use the PictureMate’s control panel to adjust the print settings. (For example Layout and Color Effect.)

**Note:**

*The settings available may vary among Bluetooth wireless-capable devices. For more information, refer to your device’s documentation.*

# PictureMate Preferences

## Making Settings

You can set the convenient functions and customize usual your printing. Refer to the following steps and table.

1. Press  $\equiv$  Menu.
2. Select Utility or Setup, and then press OK.
3. Follow the on-screen instructions.

## Utility

|                   |  |
|-------------------|--|
| Slide Show        | View all photos in sequence like a slide show.   |
| Print Proof Sheet | Print all of the photos on your memory card. You can print a maximum of 20 thumbnails on one sheet. The photo number is printed at the lower left and the date is printed at the lower right of each photo. The paper size is automatically set to 10 × 15 cm (4 × 6 in). If you select photos using Select By Date or Select Group, only selected photos are printed. |

|                 |  |
|-----------------|--|
| Custom ID Print | Adjust the size of ID photos and then print. (➔ page 31) |
|-----------------|--|

## Setup




|                          |  |
|--------------------------|--|
| Advanced Print Settings  | Make advanced print settings. (➔ page 23)  |
| Confirm Print Preview    | Turn this On to display the print preview screen so that you can confirm your image before printing.   |
| Sticker Position         | Adjust the printing position for pre-cut 16-up Photo Stickers.<br><br>Note: The printer remembers the print adjustment setting even after it has been turned off, so you do not need to adjust the position each time. |
| Language                 | Select the language to display.  |
| Bluetooth                | Make the Bluetooth settings. (➔ page 27)<br><br>Note: This function is only available when you connect the optional Bluetooth Photo Print Adapter.   |
| Restore Default Settings | Reset to the default settings.   |




---







## Customizing ID Photos and Printing

You can customize the size of ID photos and then print.


1. Press  Menu.
2. Select Utility, and then press OK.
3. Select Custom ID Print, and then press OK.
4. Check the message, select Yes, and then press OK.
5. Press  or  to set Height, and then press OK.


**Note:**

*If you want to change the units, press the  Display button and select mm or inch.*

6. Press  or  to set Width, and then press OK.
7. Press  or  to select the photo you want to print, and then press OK. A frame is displayed on the selected photo.
8. Move the frame using  or  to set the area you want to print.

**Note:**

*If you want to rotate the frame, press the  Display button.*

9. Press OK to preview the photo, and then press .

---

## Replacing the Photo Cartridge

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### Checking the Photo Cartridge Status

When the photo cartridge is low on ink, you see this icon in the upper-right corner of the LCD screen.



You can check the photo cartridge status at any time.

1. Press  $\equiv$  Menu.
2. Select Maintenance, and then press OK.
3. Select Photo Cartridge Status, and then press OK.
4. A screen is displayed showing the photo cartridge status. Press OK to close the screen.

---

### Replacing the Photo Cartridge

When the photo cartridge needs replacement, you see a message on the LCD screen.



**Warning:**

*Keep photo cartridges out of the reach of children. Do not allow children to drink from or handle the cartridges.*

**Caution:**

- ❑ *Epson recommends the use of genuine Epson photo cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.*
  
- ❑ *Leave the old cartridge installed in the printer until you have obtained a replacement; otherwise, ink remaining in the print head nozzles may dry out.*
  
- ❑ *Do not refill photo cartridges. Other products not manufactured by Epson may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.*

**Note:**

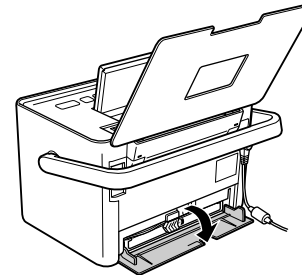
- ❑ *PictureMate uses photo cartridge equipped with an IC chip. The IC chip monitors the photo cartridge status.*

- ❑ *In addition to the ink used while printing an image, ink is also used during the print head cleaning operation.*
  
- ❑ *Do not turn off the printer during ink charging as this will waste ink.*

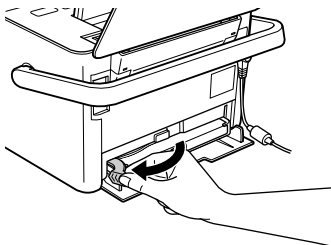
For more information about photo cartridges.

➔ See “When handling photo cartridges” on page 7

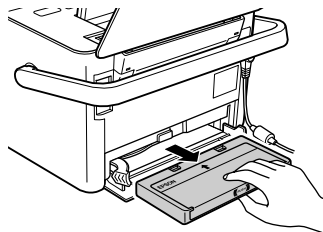
1. Make sure that PictureMate is on, but not printing.
2. Open the cartridge compartment cover on the back of PictureMate.



3. Set the cartridge lever in the Release position by pulling it to the left. The photo cartridge will be ejected about halfway out of the cartridge holder.



4. Pull the cartridge out of PictureMate and dispose of it properly.



**Note:**

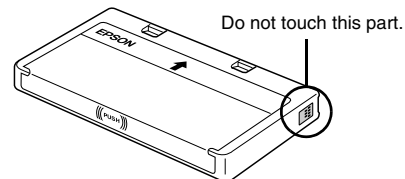
*Do not take the used cartridge apart or try to refill it. Do not shake the used photo cartridge; otherwise, it may leak.*

5. Remove the replacement photo cartridge from its package.



**Caution:**

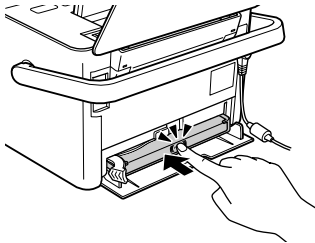
- ❑ *Do not touch the green IC chip on the side of the cartridge. This can damage the photo cartridge.*



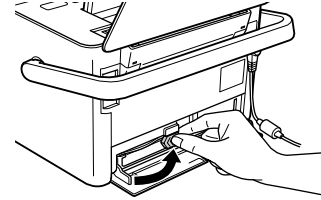
- ❑ *If you remove the photo cartridge for later use, be sure to protect the ink supply ports from dirt and dust; store it in the same environment as the printer. Note that there is a valve in the ink supply ports, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink supply ports or surrounding area.*

- ❑ *Be sure to always install a photo cartridge into the printer immediately following the removal of the current photo cartridge. If a photo cartridge is not installed promptly, the print head may dry out, rendering it unable to print.*

6. Place the cartridge properly into the cartridge holder, then push it in until you feel resistance and hear the cartridge faintly click into place.



7. Set the lever to the Lock position by sliding it to the right.



**Note:**

*Once the photo cartridge is installed, DO NOT release or adjust the photo cartridge lever. If you move the lever accidentally, remove the cartridge and reinstall it.*

8. Close the cartridge compartment cover.

**Note:**

*If you cannot close the cartridge compartment cover, the photo cartridge is not installed correctly. Go back to the step 3 and eject the photo cartridge. Then install the photo cartridge again.*

---

# Transporting PictureMate

---

## Packing

PictureMate's handle makes it easy to carry short distances. If your PictureMate is going to travel a longer distance, you should pack it carefully following the steps below to protect it from getting damaged.



**Caution:**

*Keep PictureMate 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, turn it off.
2. Wait until the LCD screen goes blank, then unplug the power cord from the electrical outlet.
3. Remove paper from the paper feeder and output tray.

4. Close the LCD screen.
5. Close the top cover and output tray.
6. Disconnect the power cord and any connected USB cable from the back of PictureMate.
7. Pack the power cord, AC adapter, paper, spare photo cartridge, and this manual in the travel case.
8. Pack PictureMate and the travel case in the box that PictureMate came in.



**Caution:**

*Make sure the photo cartridge is installed before transporting. Do not place PictureMate on its side or upside down, or ink may leak.*

**Note:**

*If your prints do not look as good after PictureMate has been moved, try aligning the print head. See "Aligning the Print Head" on page 38.*

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# Maintaining PictureMate



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## Checking and Cleaning the Print Head Nozzles

If your print quality is not as good as it used to be, if your photos are light or faint, or you are missing colors in your prints, your print head nozzles may be clogged.

### Note:

- ❑ *Print head cleaning consumes some ink. To avoid wasting ink, clean the print head only if print quality declines; for example, if the printout is blurry or the color is incorrect or missing.*
  - ❑ *Use the Nozzle Check function first to confirm that the print head needs to be cleaned. This saves ink.*
  - ❑ *If a message on the LCD screen tells you that the cartridge needs replacement or is low on ink, you cannot clean the print head. You must first replace the photo cartridge.*
1. Make sure that PictureMate is turned on and no warnings or errors are displayed on the LCD screen.

2. Load a sheet of paper. See “Loading Paper” on page 15.
3. Press  Menu.
4. Select Maintenance, and then press OK.
5. Select Nozzle Check, and then press OK.
6. Press  to print the nozzle check pattern.
7. Examine the nozzle check pattern you printed.

Below are sample printouts.

Okay




Needs Cleaning



The above sample may be shown in black and white, but the actual test prints in color (Black, Cyan, Magenta and Yellow).

8. If the nozzle check pattern is satisfactory (Okay), select Yes, and then press OK.

If the nozzle check page does not print satisfactorily (for example, if any segment of the printed lines is missing), your print head nozzle may be clogged. Go on to the next step.

9. Select No, press OK, and then press OK again. If a confirmation message is displayed, select Yes, and then press OK to clean the print head.
10. When cleaning finishes, press  to print another nozzle check pattern and check the pattern again.



**Note:**

*If you do not see any improvement after cleaning about two times, check the solutions beginning on page 42. You can also turn the printer off and wait for at least 6 hours - this allows any dried ink to soften-and then try cleaning the print head again.*

---

## ***Aligning the Print Head***

If you have moved PictureMate and the 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. Make sure that PictureMate is turned on and no warnings or errors are displayed on the LCD screen.
2. Load a sheet of photo paper. See “Loading Paper” on page 15.
3. Press  Menu.
4. Select Maintenance, and then press OK.
5. Select Head Alignment, and then press OK.
6. Press  to print the Head Alignment Pattern, and then follow the on-screen instructions.




---

## ***Cleaning PictureMate***

### ***Cleaning the roller inside***

To keep your printouts at their best, and when printing on Epson Ultra Glossy Photo Paper via computer, use the following procedure to clean the roller inside PictureMate.

1. Load several sheets of paper.
2. Press  Menu.
3. Select Maintenance, and then press OK.
4. Select Cleaning Sheet, and then press OK.
5. Follow the instructions on the LCD screen to repeat loading and ejecting the paper until the roller is clean.  
Then press Stop/Clear to exit.

### ***Cleaning the outer case***

To keep PictureMate operating at its best, clean it thoroughly several times a year as follows.

1. Turn off PictureMate and unplug the power cord.
2. Remove any paper from the paper feeder.
3. Use a soft brush to carefully clean away all dust and dirt from the paper feeder.
4. If the outer case or the inside of the paper feeder is dirty, wipe it with a soft, clean cloth dampened with mild detergent. Keep the output tray closed to prevent water from getting inside.




#### **Caution:**

- Never use alcohol or thinner to clean the printer, as these chemicals can damage the components as well as the case.*
- Be careful not to get water on the printer mechanism or electronic components.*
- Do not use a hard or abrasive brush.*
- Do not spray the inside of the printer with lubricants. Unsuitable oils can damage the mechanism. Contact your dealer or a qualified service person if lubrication is needed.*

---

## Troubleshooting

The solutions herein are for problems when printing without using a computer.

If you cannot solve the problem, you can get more information from the LCD screen. Press  Menu, then select Help.

---

### Error/Warning Messages

You can diagnose and solve most problems by checking the error messages on the LCD screen. If you cannot solve the problems, by checking the messages, use the following table and try the recommended solution.

| Error Messages  | Solution  |
|---|---|
| A printer error has occurred. See your printer documentation. | Turn PictureMate off and then back on. If the error message still appears, contact your dealer.<br><br>➔ See "Contacting Customer Support" on page 46 |

| Error Messages  | Solution   |
|---|--|
| Photo Cartridge low. Replace Photo Cartridge soon.<br>T5852                                     | Press OK to clear the error.<br><br>Prepare the new photo cartridge.<br><br>If you tried to clean the print head, replace the photo cartridge first.<br><br>➔ See "Replacing the Photo Cartridge" on page 32                                 |
| Replace Photo Cartridge now. For best results, use a genuine PictureMate Photo Cartridge:T5852  | Replace the photo cartridge with a new one.<br><br>➔ See "Replacing the Photo Cartridge" on page 32  |
| The printer's ink pads are nearing the end of their service life. Please contact Epson support. | Contact Epson support to replace ink pads before the end of their service life. When the ink pads are saturated, the printer stops and Epson support is required to continue printing.<br><br>➔ See "Contacting Customer Support" on page 46 |
| The printer's ink pads are at the end of their service life. Please contact Epson support.      | Contact Epson support to replace ink pads.<br><br>➔ See "Regional Customer Services" on page 46  |

| Error Messages   | Solution   |
|--|--|
| The printer's ink tubes are nearing the end of their service life. Please contact Epson support. | Contact Epson support to replace ink tubes before the end of their service life. When the ink tubes reach the end of their service life, the printer stops and Epson support is required to continue printing.<br>➔ See "Contacting Customer Support" on page 46 |
| The printer's ink tubes are at the end of their service life. Please contact Epson support.      | Contact Epson support to replace ink tubes.<br>➔ See "Contacting Customer Support" on page 46  |
| Error in data. Printouts may be affected.  | The print results may not be perfect. Check the data.  |
| The image is too large. Operation canceled.  | Press OK to clear the error. Check the data.   |
| The image is too complex to print with Bluetooth.  |  |
| Error in data. Cannot print.   |  |
| Cannot recognize the memory card. See your printer documentation.                                | Make sure the memory card has been inserted correctly. If so, check to see if there is a problem with the card and try again.  |
| Cannot recognize the device. See your printer documentation.                                     | An unsupported device is connected to the EXT. I/F port. Remove the external device.   |

## Printer Power Problems

### LCD screen is off.

- If no buttons are pressed for 13 minutes and the LCD screen turns off, press any button (except I/⏻ On) to return the screen to its previous state.
- Press I/⏻ On to make sure that PictureMate is on.
- Turn off PictureMate and make sure that the power cord is securely plugged in.
- Make sure that your outlet works and is not controlled by a wall switch or timer.

### LCD screen came on and then went out.

The PictureMate's voltage may not match the outlet rating. Turn off PictureMate and unplug it immediately. Then, check the printer labels.



#### **Caution:**

*If the voltage does not match, DO NOT PLUG YOUR PRINTER BACK IN. Contact your dealer.*

---

## ***Print and Noise Problems***

**PictureMate makes an unexpected noise after you install a photo cartridge.**

The first time you install the photo cartridge, PictureMate will charge its print head for about three and a half minutes. Wait until charging finishes before you turn it off, or it may charge improperly and use more ink the next time you turn it on.

**PictureMate sounds as though it is printing, but nothing prints.**

- ❑ PictureMate may be preparing to print.
- ❑ Make sure the print head nozzles are not clogged. To clean the print head, see “Checking and Cleaning the Print Head Nozzles” on page 37.
- ❑ PictureMate will not work properly if it is tilted or at an angle. Place it on a flat, stable surface that extends beyond the printer base in all directions.
- ❑ Make sure paper is not jammed and is loaded correctly so it can feed into PictureMate. Make sure the handle is not resting on the paper. See “Preparing to Print” on page 11.

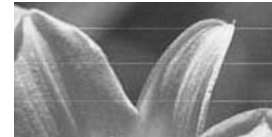
**The memory card does not work correctly.**

- ❑ Make sure you are using a compatible memory card. See “Memory card” on page 50.
- ❑ Make sure only one card is inserted at a time. PictureMate does not read from multiple cards at once.
- ❑ Photos must be in JPEG format and taken with a DCF-compliant camera.

---

## ***Photo Quality Problems***

**You see banding (light lines) in your prints.**



- ❑ The print head nozzles may need cleaning; see “Checking and Cleaning the Print Head Nozzles” on page 37.
- ❑ Make sure the glossy side of the paper is face up.

- ❑ Use up photo cartridge within six months after opening its package. To replace the cartridge, see “Replacing the Photo Cartridge” on page 32.
- ❑ The print head may need aligning; see “Aligning the Print Head” on page 38.

**Your printout is blurry or smeared.**



- ❑ Use only paper recommended by Epson to ensure proper saturation, ink absorption, and quality. See “Photo Cartridge and Paper” on page 48.
- ❑ Make sure you load paper with the glossy side face up.
- ❑ Make sure your paper is not damp or curled, or loaded face down (the glossy side should be face up). If it is damp or curled, load a new stack of paper.

**Your printout is faint or has gaps in the image.**



- ❑ The print head may need aligning; see “Aligning the Print Head” on page 38.
- ❑ The print head nozzles may need cleaning; see “Checking and Cleaning the Print Head Nozzles” on page 37 for instructions.
- ❑ The photo cartridge may be old or low on ink. To replace the photo cartridge, see “Replacing the Photo Cartridge” on page 32.
- ❑ Make sure your paper is not damaged, old, dirty, or loaded face down. If it is, reload a new stack of paper with the glossy side up.

### **Colors in your photo are wrong or missing.**

- ❑ Make sure the Color Effect setting is set to None for color photos.
- ❑ The print head nozzles may need cleaning; see “Checking and Cleaning the Print Head Nozzles” on page 37.
- ❑ The photo cartridge may be old or low on ink. To replace the cartridge, see “Replacing the Photo Cartridge” on page 32.

---

## ***Problems With Paper Feeding***

### **Paper does not eject fully or is wrinkled.**

If it is wrinkled when it ejects, the paper may be damp or too thin.

### **Paper does not feed correctly or jams in the printer.**

- ❑ Make sure the top cover is open, and is not leaning on the handle. The handle should be back of PictureMate. Make sure the handle is not resting on the paper. See “Preparing to Print” on page 11.

- ❑ If paper does not feed, remove it from paper feeder, reload it in the center, then slide both edge guides against the paper (but not too tightly).
- ❑ If multiple pages feed at once, remove the paper from the paper feeder, separate the sheets, and carefully reload it.
- ❑ If paper jams, remove the paper, then press OK to clear the jam.
- ❑ Load paper glossy side up. Load up to a maximum of 20 sheets for photo papers, or 1 sheet for Photo Sticker. Place the paper in the center and slide both edge guides against it, but not so tight that paper cannot move.
- ❑ Do not load plain paper; this may damage PictureMate.
- ❑ Make sure you are using available paper for PictureMate (see “Photo Cartridge and Paper” on page 48). Store paper flat to help prevent curling.

---

## **Miscellaneous Printout Problems**

### **The printer prints blank pages.**

- ❑ The print head may need cleaning. See “Checking and Cleaning the Print Head Nozzles” on page 37.
- ❑ Check if your memory card contains unsupported files. These are displayed as a “?” mark on the Select Photos screen. If you use the Select All Photos function and select multiple page layouts using these files, blank sections are printed.

### **The borders or layout are incorrect.**

- ❑ Check your Layout setting to see if it is correct. See “Making Paper and Print Layout Settings” on page 21.
- ❑ If you have a border on one side of your photo but not the other, make sure the paper is placed in the center of the paper feeder. Slide the edge guides against the paper.

- ❑ If the subject of your photo is very close to the edge of the image, you can change the amount of cropping around the edge of the image for Borderless printing by using Expansion from the Advanced Print Settings menu. If you see a white line around the edge of the print, select Standard.

### **The wrong photo is printed.**

- ❑ If your camera supports DPOF, you can preselect photos so PictureMate will print only the ones you want. See “Printing Camera-Selected DPOF Photos” on page 19.
- ❑ If your camera is PictBridge-enabled, you can connect it to PictureMate and control printing from your camera. See “Printing From a PictBridge-Enabled Camera” on page 24.

---

# Contacting Customer Support

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## Regional Customer Services

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact customer support services for assistance. If customer support for your area is not listed below, contact the dealer where you purchased your product.

Customer support will be able to help you much more quickly if you give them the following information:

- Product serial number  
(The serial number label is usually on the back of the product.)
- Product model
- Product software version  
(Click About, Version Info, or similar button in the product software.)
- Brand and model of your computer

- Your computer operating system name and version
- Names and versions of the software applications you normally use with your product

### **Note:**

*For more information on Contacting Customer Support, see the Online User's Guide included in the software CD-ROM.*

| <b>Australia</b> |   |
|------------------|---|
| URL              | <a href="http://www.epson.com.au">http://www.epson.com.au</a> |
| Telephone        | 1300 361 054  |
| Fax              | (02) 8899 3789  |
| <b>Singapore</b> |   |
| URL              | <a href="http://www.epson.com.sg">http://www.epson.com.sg</a> |
| Telephone        | (65) 6586 3111  |
| <b>Thailand</b>  |   |
| URL              | <a href="http://www.epson.co.th">http://www.epson.co.th</a>   |
| Telephone        | (66)2685-9899   |



|                   |   |
|-------------------|---|
| <b>Vietnam</b>    |   |
| Telephone         | 84-8-823-9239   |
| <b>Indonesia</b>  |   |
| URL               | <a href="http://www.epson.co.id">http://www.epson.co.id</a>   |
| Telephone/<br>Fax | Jakarta: (62) 21-62301104                                     |
|                   | Bandung: (62) 22-7303766                                      |
|                   | Surabaya:<br>(62) 31-5355035/31-5477837                       |
|                   | Medan: (62)61-4516173   |
| Telephone         | Yogyakarta: (62) 274-565478                                   |
|                   | Makassar:<br>(62)411-350147/411-350148                        |
| <b>Hong Kong</b>  |   |
| URL               | <a href="http://www.epson.com.hk">http://www.epson.com.hk</a> |
| Phone             | (852) 2827-8911   |
| Fax               | (852) 2827-4383   |
| <b>Malaysia</b>   |   |
| URL               | <a href="http://www.epson.com.my">http://www.epson.com.my</a> |
| Phone             | 603-56288333  |
| <b>India</b>      |   |
| URL               | <a href="http://www.epson.co.in">http://www.epson.co.in</a>   |
| Phone             | 080-30515000  |

|                    |   |
|--------------------|---|
| FAX                | 30515005  |
| <b>Philippines</b> |   |
| URL                | <a href="http://www.epson.com.ph">http://www.epson.com.ph</a> |
| Phone              | (63) 2-813-6567   |
| Fax                | (63) 2-813-6545   |
| E-mail             | epchelpdesk@epc.epson.com.ph                                  |

---

# Photo Cartridge, Paper, and Options

---

## Photo Cartridge and Paper

The following photo cartridge and Epson special paper are available for PictureMate. This information is only for standalone operation.

|  |
|--|
| PictureMate PicturePack T5852<br>(PictureMate Photo Cartridge and 150 sheets of PictureMate Photo Paper) |
|--|

|                                   |
|-----------------------------------|
| Epson Photo Stickers 100 × 148 mm |
|-----------------------------------|

|                                      |
|--------------------------------------|
| Epson Photo Stickers 16 100 × 148 mm |
|--------------------------------------|

**Note:**

- For update information, check the Epson support site.
- The availability of special paper varies by location.
- A6 size pre-cut 4-up and 16-up Epson Photo Stickers are not available.
- You can find the part numbers for the above Epson special paper on the Epson Web site.  
➔ See “Contacting Customer Support” on page 46

- If you want to use paper other than the types listed above, refer to the online User's Guide manual.

---

## Options

Bluetooth Photo Print Adapter 2 C12C82438\*

For details on using the Bluetooth Photo Print Adapter, see “Printing From a Bluetooth Device” on page 25.

**Note:**

The asterisk is a substitute for the last digit of the product number, which varies by location.

---

# Printer Specifications

## Mechanical

|                            |  |
|----------------------------|--|
| <b>Dimensions</b>          | Storage<br>Width: 231 mm (9.1 inches)<br>Depth: 169 mm (6.7 inches)<br>Height: 149 mm (5.9 inches)   |
|                            | Printing<br>Width: 231 mm (9.1 inches)<br>Depth: 344 mm (13.5 inches)<br>Height: 265 mm (10.4 inches)  |
| <b>Printable area</b>      | Border printing: 3 mm margin for all sides of photo paper, and 17 mm margin on the bottom and 3 mm margin on the other sides for Photo Sticker<br>Borderless printing: 0 mm margin |
| <b>Paper tray capacity</b> | Photo paper: 20 sheets   |
|                            | Photo Sticker: 1 sheet   |
| <b>Weight</b>              | Approx. 2.2 kg (4.9 lb) without AC adapter and photo cartridge   |

## Electrical

### Rating

#### Printer

|       |                     |
|-------|---------------------|
|       | AC adapter operated |
| Input | DC 20 V, 0.6 A      |

#### AC Adapter

|        |   |
|--------|---|
| Model  | A381H                                   |
| Input  | AC 100-240 V, 50-60 Hz, 0.8-0.4 A, 42 W |
| Output | DC 20 V, 1.68 A                         |

## Printer Operated by AC Adapter

|  |                     |                |                |
|--|---------------------|----------------|----------------|
| Input Voltage range                                  |                     | AC 100-120 V   | AC 220-240 V   |
| Power consumption using AC adapter                   | Continuous printing | Approx. 13.5 W | Approx. 13.5 W |
|  | Sleep mode          | Approx. 2.7 W  | Approx. 2.7 W  |
|  | Power off           | Approx. 0.2 W  | Approx. 0.2 W  |
| Input current using AC adapter (Continuous printing) |                     | 0.3 A          | 0.2 A          |

## Environmental

|                    |   |
|--------------------|---|
| <b>Temperature</b> | Operation:<br>10 to 35 °C (50 to 95 °F)<br>Storage:<br>-20 to 40 °C (-4 to 104 °F)<br>1 month at 40 °C (104 °F) |
| <b>Humidity</b>    | Operation: *<br>20 to 80% RH  |

\* Without condensation

## Memory card

| Compatible memory cards   |                         |
|---|-------------------------|
| CompactFlash  | miniSDHC card**         |
| Memory Stick*   | miniSD card**           |
| Memory Stick PRO  | microSDHC card**        |
| Memory Stick Duo**  | microSD card**          |
| Memory Stick PRO Duo**  | MultiMediaCard          |
| Memory Stick PRO-HG Duo**   | MMCplus                 |
| Memory Stick Micro**  | MMCmobile**             |
| MagicGate Memory Stick*   | MMCmicro**              |
| MagicGate Memory Stick Duo**  | xD-Picture Card         |
| Microdrive  | xD-Picture Card Type M  |
| SDHC Memory Card  | xD-Picture Card Type M+ |
| SD Memory Card  | xD-Picture Card Type H  |
| Media format DCF  |                         |
| 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   |                         |
| 3.3 V/5 V Combined use  |                         |
| Maximum current is 500 mA   |                         |

\* Maximum capacity is 128 MB.

\*\* Adapter required.

**Note:**

For the latest information on memory cards available for your printer, contact your dealer or regional Epson sales office.

**Photo data**

|                        |                                      |
|------------------------|--------------------------------------|
| <b>File format</b>     | JPEG with Exif Version 2.21 standard |
| <b>Image size</b>      | 80 × 80 to 9200 × 9200 pixels        |
| <b>Number of files</b> | Up to 9990                           |

**Photo Cartridge**

## PictureMate Photo Cartridge

|                       |   |
|-----------------------|---|
| <b>Color</b>          | Black, Cyan, Magenta and Yellow   |
| <b>Cartridge life</b> | Use within 6 months of opening the package.   |
| <b>Temperature</b>    | Storage:<br>-30 to 40 °C (-22 to 104 °F)<br>1 month at 40 °C (104 °F)<br>Freezing: *<br>-15 °C (5 °F) |

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

**Caution:**

- ❑ *Epson recommends the use of genuine Epson PictureMate photo cartridge. Other products not manufactured by Epson may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.*
- ❑ *Use the photo cartridge before the date printed on the cartridge carton.*
- ❑ *Do not refill the photo cartridge. Other products not manufactured by Epson may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.*

**Note:**

- ❑ *The photo cartridge packaged with your printer is partly used during initial setup. In order to produce high quality printouts, the print head in your printer will be fully charged with ink. This one-off process consumes a quantity of ink and therefore this cartridge prints fewer pages compared to subsequent photo cartridges.*

- ❑ *Quoted yields may vary depending on the images that you are printing, the paper type that you are using, the frequency of your prints and environmental conditions such as temperature.*
- ❑ *To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your printer indicates to replace the cartridge. The yields quoted for you do not include this reserve.*

## **AC Adapter**

Australian model:

|               |                        |
|---------------|------------------------|
| <b>Safety</b> | AS/NZS 60950.1         |
| <b>EMC</b>    | AS/NZS CISPR22 Class B |

## **Interface**

|   |
|---|
| USB 2.0 Hi-Speed (for PictBridge compliant devices) |
| Bluetooth Ver.2.0 + EDR compliant (Option)          |

## **Standards and Approvals**

### **Printer**

Australian model:

|            |                        |
|------------|------------------------|
| <b>EMC</b> | AS/NZS CISPR22 Class B |
|------------|------------------------|

## ☰ Summary of Panel Settings

### Select Photos

|                   |              |
|-------------------|--------------|
| Select All Photos | Select Group |
| Select By Date    |              |

### Basic Print Settings

|            |                   |               |
|------------|-------------------|---------------|
| Paper Size | 10 × 15 cm 4 × 6" |               |
|            | PhotoSticker      |               |
| Layout     | Borderless        | 4 Photos      |
|            | Border            | 9 Photos      |
|            | 2 Per Print       | 16Pht. B/less |
|            | 4 Per Print       | 16 Photos     |
|            | 1 Photo           | Frame         |
| Fix Photos | Enhance           |               |
|            | P.I.M.            |               |
|            | Off               |               |

|                 |                      |
|-----------------|----------------------|
| Scene Detection | Standard             |
|                 | People               |
|                 | Landscape            |
|                 | Night Scene          |
| Date Stamp      | On / Off             |
| Color Effect    | None / B & W / Sepia |

### Help

|                              |                        |
|------------------------------|------------------------|
| <b>Improve Print Quality</b> | Lines in printout      |
|                              | Color is wrong         |
|                              | Printout is blurred    |
|                              | The ink runs           |
| <b>Quick Guide</b>           | Insert memory card     |
|                              | Eject memory card      |
|                              | Load paper             |
|                              | Change Photo Cartridge |
|                              | Wrong card inserted    |

## Maintenance

|                |                        |
|----------------|------------------------|
| Nozzle Check   | Photo Cartridge Status |
| Auto Cleaning  | Cleaning Sheet         |
| Head Alignment |                        |

## Utility

|                   |
|-------------------|
| Slide Show        |
| Print Proof Sheet |
| Custom ID Print   |

## Setup

|                         |             |                             |
|-------------------------|-------------|-----------------------------|
| Advanced Print Settings | Expansion   | Standard / Middle / Minimum |
|                         | Camera Text | On / Off                    |
|                         | Fix Red-Eye | On / Off                    |
| Confirm Print Preview   |             | On / Off                    |
| Sticker Position        |             |                             |
| Language                |             |                             |

|                          |                 |                    |
|--------------------------|-----------------|--------------------|
| Bluetooth                | Bluetooth Setup | Printer ID         |
|                          |                 | Communication Mode |
|                          |                 | Encryption         |
|                          | Passkey         |                    |
| Device Address           |                 |                    |
| Restore Default Settings |                 |                    |

### **Note:**

*Some of the items may be grayed out depending on operations and settings.*



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