EPSON
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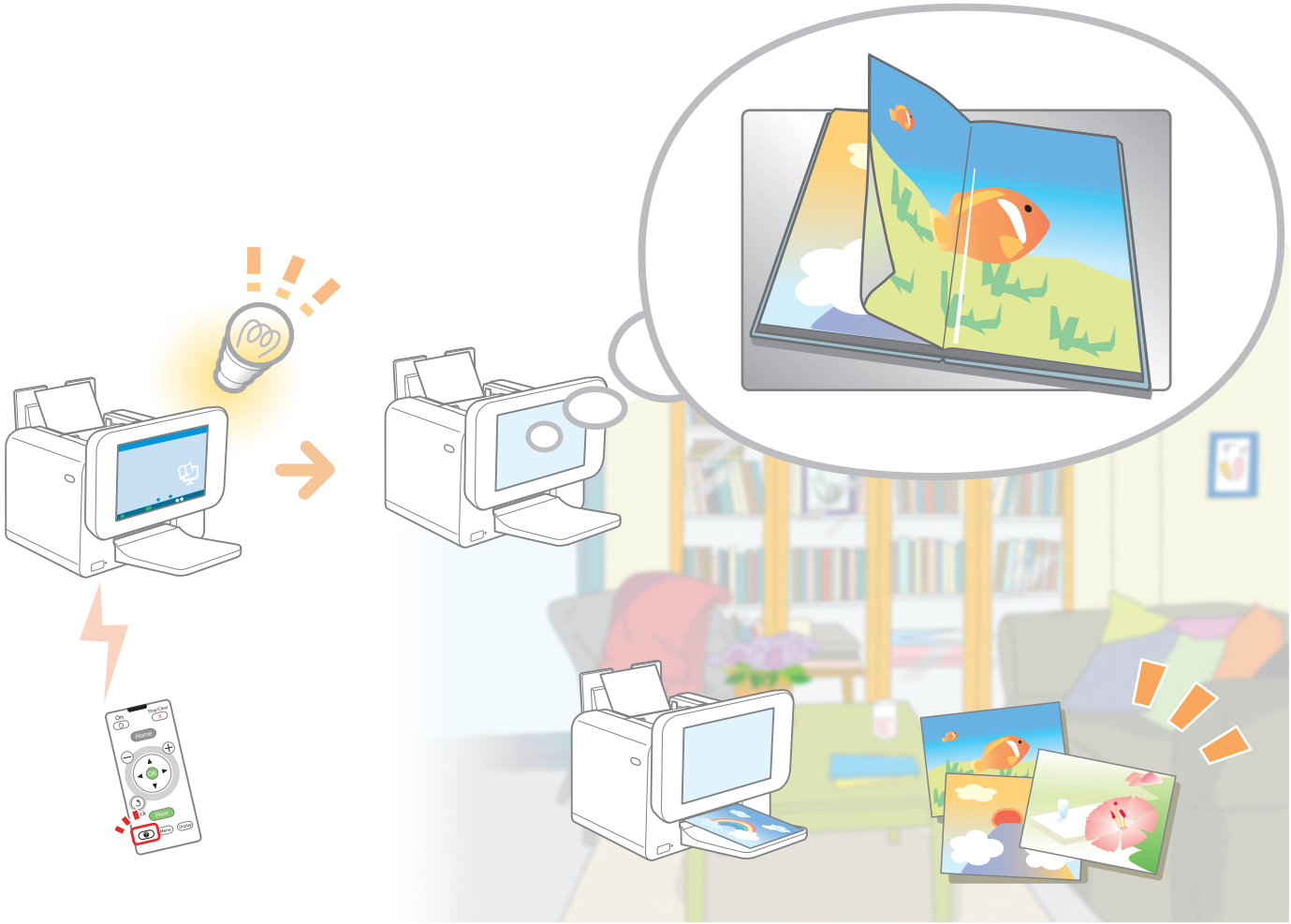
PictureMate
personal photo lab

User's Guide

- for use without a computer -

PictureMate™ PM 300 / PM 310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English

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Photo Printer

PictureMate™ PM 300/PM 310

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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, remote controller, and AC adapter away from direct sunlight, strong light, water, or heat sources.
- ❏ Do not leave the printer or remote controller in a place subject to high temperature, such as in a car. Also, keep them away from direct sunlight, strong light, and heat sources. Otherwise, the printer and the remote controller 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, remote controller, or 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 A431H 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, remote controller, 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 the AC adapter, and refer servicing to qualified service personnel under the following conditions:
  The power cord or plug is damaged; liquid has entered the printer, remote controller, or AC adapter; the printer, remote controller, or AC adapter has been dropped or the casing damaged; the printer, remote controller, or 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, remote controller, and 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 ⏻ 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 10

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 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 disassemble or remodel the photo cartridge, otherwise you may not be able to print normally.
- ❏ 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.

When handling the battery for the remote controller

- ❏ Do not puncture, disassemble, mutilate, or short-circuit the battery.
- ❏ Prevent the battery from coming into contact with metal objects that could short-circuit it, such as coins or keys.
- ❏ Keep the battery away from heat sources.
- ❏ Do not place the battery near or into fire or water.
- ❏ If battery acid gets into your eyes or on your skin, immediately rinse the affected area thoroughly with water and seek medical treatment. If a battery is swallowed, seek medical treatment immediately.
- ❏ Do not charge the battery.
- ❏ Use only a CR2025 lithium button battery for the remote controller according to the directions in the user documentation.
- ❏ Do not handle the battery with wet hands or use it near water.
- ❏ Do not expose the battery to water or high humidity.
- ❏ Do not use a battery that is leaking or damaged in any way.
- ❏ Do not leave the battery in a vehicle to prevent the battery from overheating.
- ❏ Do not solder wires or terminals directly to the battery.
- ❏ Keep the battery away from open flame if it leaks or smells strange.
- ❏ If overheating, discoloration, or deformation occur, remove the battery from the remote controller and do not use it.

When storing the battery for the remote controller

- ❏ When not using the printer for a long period of time, remove the battery from the remote controller and store them separately to avoid over-discharging the battery.
- ❏ Do not store the battery where the temperature is over 35 degrees or humidity is over 85 %.
- ❏ Store the battery out of children's reach.

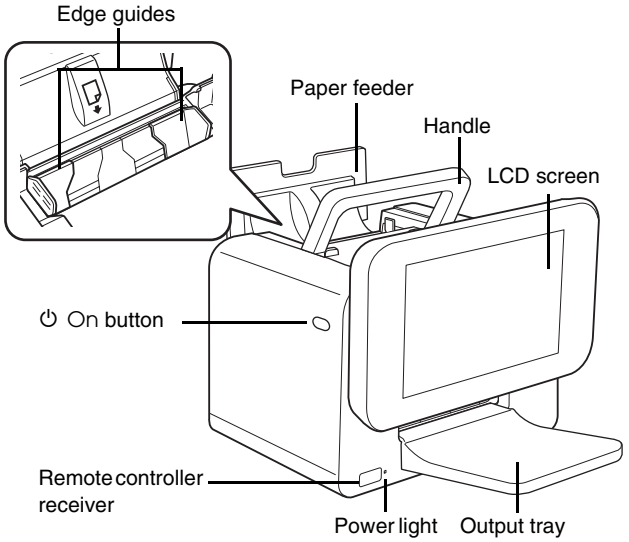
When disposing of the battery for the remote controller

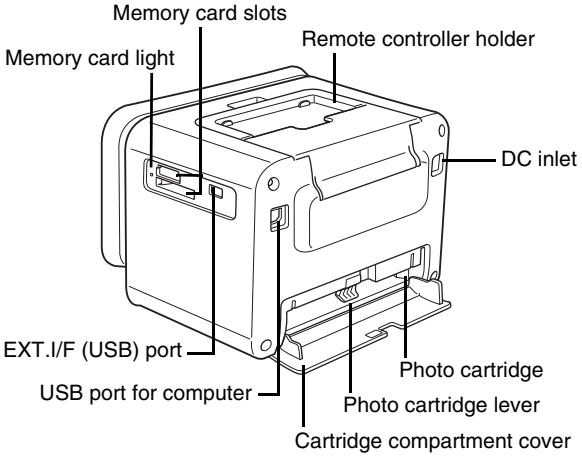
Warning:

- ❏ *Do not dispose of the battery as ordinary refuse. Instead, dispose of it in a collection or recycle box in accordance with local laws.*
- ❏ *Do not incinerate or dispose of the battery in fire.*

Printer Parts and Functions

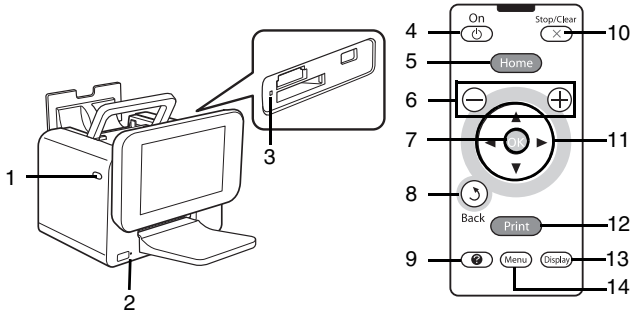
Printer Parts





Caution:
Do not attempt to raise the handle straight up. The handle can only be raised up to the angle illustrated above.

Buttons and Lights

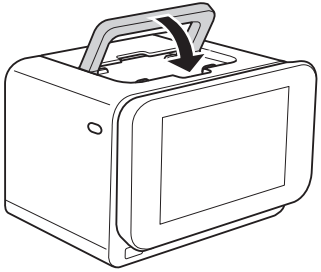


	Parts	Function
1	⏻ On button	Press to turn the printer on and off.
2	Power light	Lit green when the printer is on. Lit orange when the printer is in standby mode.
3	Memory card light	Lit when a memory card is inserted into the memory card slot. Flashes when the printer is accessing the data on the memory card.
4	⏻ On button	Press to turn the printer on from the standby mode or set the printer to the standby mode.
5	Home button	Press to show the main menu. You can select a menu from PRINT PHOTOS, LAYOUT, SLIDE SHOW, and PHOTO STORAGE.
6	⊖, ⊕ button	Press to set the number of copies.
7	OK button	Functions as shown in the LCD screen.
8	↩ Back button	Press to cancel the current operation on the LCD screen and return to the previous screen.
9	? button	Press to show the help information of the current screen. While help is displayed, press again to exit the help.
10	⊗ Stop/Clear button	Press to cancel printing, clear the number of copies and print settings, or cancel selecting photos.
11	▲▼◀▶ 4-way scroll button	Press to move the cursor on the LCD screen.
12	Print button	Press to start printing.
13	Display button	Press to change the view of the screen.
14	Menu button	Press to enter the Menu mode for the print settings or maintenance options.

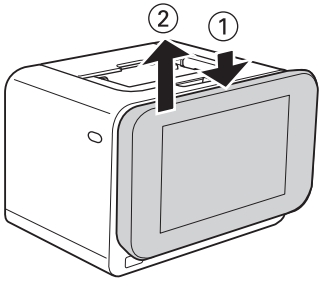
English

Inserting a Memory Card

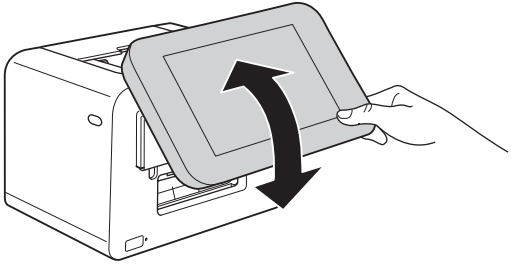
1. Move the handle to the front.



2. Push the top of the LCD screen to slide it up.



3. Adjust the LCD screen so that you can see it well.



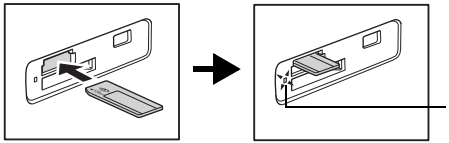
4. Press the ⏻ On button on the side of the printer.

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.*
- ❏ *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.*

Upper slot

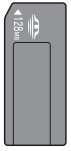


Memory card light turns on

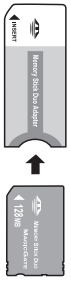
SDHC
SD
MultiMediaCard
MMCplus

miniSDHC *
miniSD *

microSDHC *
microSD *



Memory Stick
MagicGate Memory Stick
Memory Stick PRO



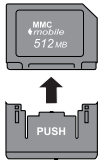
Memory Stick Duo *
Memory Stick PRO Duo *
Memory Stick PRO-HG Duo *
MagicGate Memory Stick Duo *

Memory Stick Micro *

* Adapter required

Upper slot

xD-Picture Card
xD-Picture Card Type M
xD-Picture Card Type M+
xD-Picture Card Type H

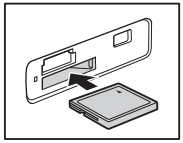


MMCmobile *

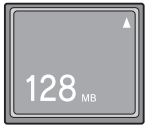
MMCmicro *

* Adapter required

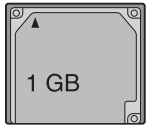
Lower slot



Memory card light turns on



CompactFlash



Microdrive

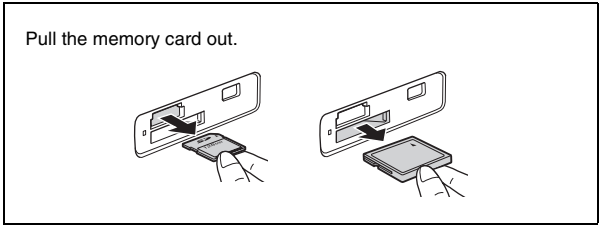
6. The memory card light flashes and then stays on. It takes a few seconds to recognize the memory card. Now you can choose photos and layouts for printing from the LCD screen. Select PRINT PHOTOS on the main menu.

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.



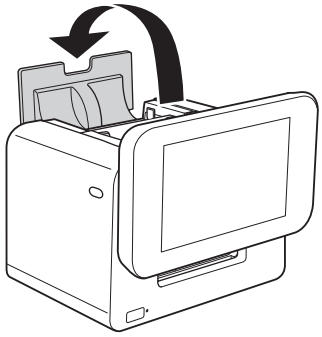
Loading Paper

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

Follow these steps to load PictureMate Photo Paper:

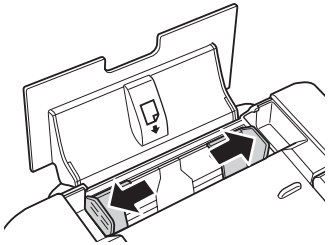
Caution:
Do not load plain paper; this may damage your printer.

1. Open the paper feeder.



English

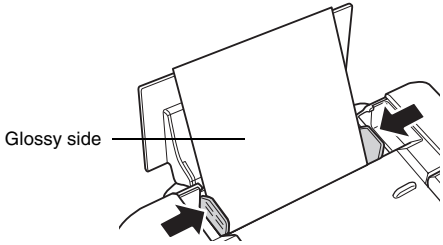
2. Make sure the edge guides are slid to the sides.



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

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

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

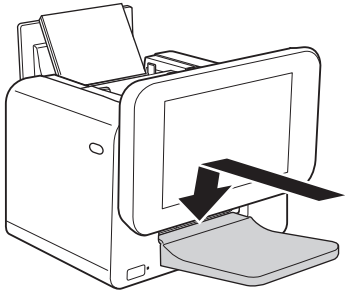


Note:

- ❏ *You can load up to a maximum of 20 sheets for photo papers, or 1 sheet for Photo Sticker. Photo Stickers are available only for the PictureMate PM 310.*

- ❏ *When you need more paper, order a PictureMate PicturePack. See "PicturePack, Paper, and Options" on page 27 for more information.*

5. Attach the output tray.



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.

Using Printer Help

Printer Help is a manual that you can see on the LCD screen. Press the ? button on the remote controller to see the Printer Help. Press the ? button again to exit the Printer Help.

Troubleshooting	You can get solutions to problems you may encounter. Select the problem you want to solve from the following: print quality problems, problems with paper, ink, and memory cards, and other problems. When you cannot display the Printer Help or cannot find solutions in the Printer Help, see "Troubleshooting" on page 24.
Contents	You can access the table of contents of the Printer Help. When you cannot get necessary information from the current help or you want to see another topic, select Contents and press OK. Then select the contents you want to see from the following: preparing to print, printing photos, printing from external equipment, changing settings, maintaining the printer, replacing the photo cartridge, and using other functions.

Note:

- ❏ *Pressing the ? button may not display the Printer Help on some screens, such as information or error screens. Follow the messages displayed on the screen.*
- ❏ *When you exit the Printer Help and move to another screen, you cannot display the previous help by pressing the ? button again.*

Maintaining Your Printer

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:

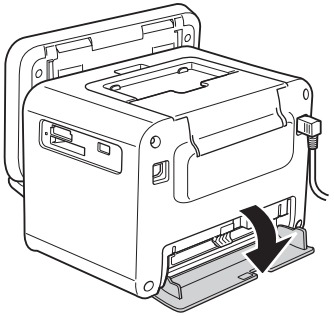
- ❏ *Epson recommends the use of genuine Epson photo cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.*
- ❏ *Leave 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:

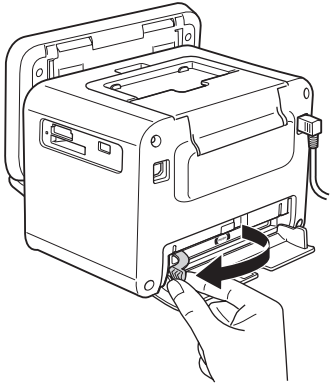
- ❏ *This printer uses photo cartridge equipped with an IC chip. The IC chip monitors the photo cartridge status.*
- ❏ *All of the ink colors are used during print head cleaning and during ink charging when a photo cartridge is installed.*
- ❏ *Do not turn off the printer during ink charging as this will waste ink.*

For more information about photo cartridges.
➡ See “When handling photo cartridges” on page 6

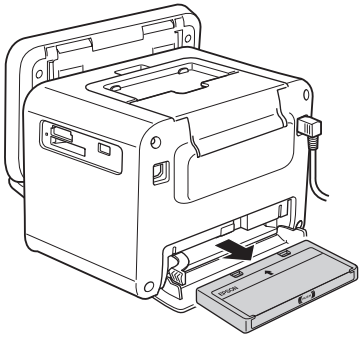
1. Make sure that the printer is on, but not printing.
2. Open the cartridge compartment cover on the back of the printer.



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 the printer and dispose of it properly.

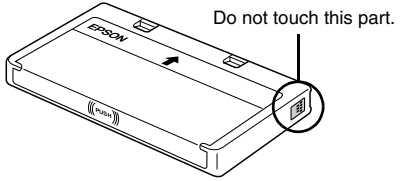


Note:
Do not take the used cartridge apart or try to refill it. Do not shake the used photo cartridge; otherwise, it may leak.

5. Remove the replacement photo cartridge from its package.

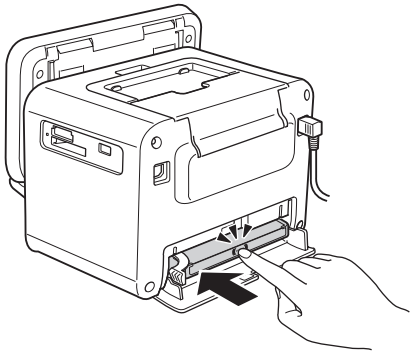
Caution:

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

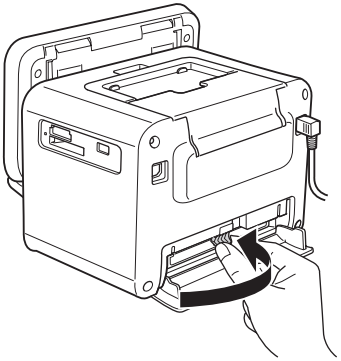


- ❏ *If you remove the photo cartridge for later use, be sure to protect the ink supply ports from dirt and dust; store it in the same environment as the printer. Note that there is a valve in the ink supply ports, making covers or plugs unnecessary, but care is needed to prevent the ink from staining 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.

Cleaning Your Printer

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

1. Turn off the printer 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.

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.*

Transporting Your Printer

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

Caution:

Keep the printer and its remote controller out of the sun and don't leave them in your car or other location where they can get too hot.

1. If the printer 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 paper feeder and detach the output tray.
5. Slide the LCD screen down.
6. Disconnect the power cord and any connected USB cable.
7. Pack the power cord, AC adapter, paper, spare photo cartridge, remote controller, output tray, and this manual in a cardboard box.

8. Pack the printer and the cardboard box in the box that the printer came in.

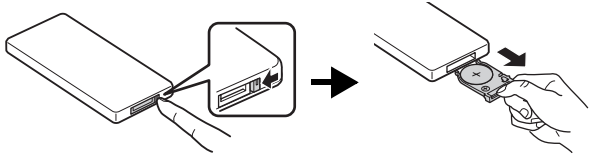
   Caution:
   Make sure the photo cartridge is installed before transporting. Do not place the printer on its side or upside down, or ink may leak.

   Note:
   If your prints do not look as good after the printer has been moved, try aligning the print head. Press Menu*, select* Maintenance*, and then select* Print Head Alignment*.*

Replacing the Battery of the Remote Controller

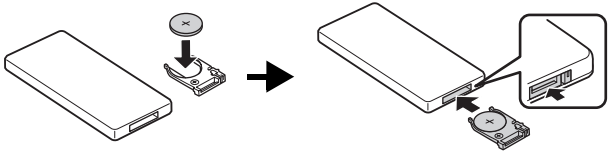
Use only a commercially available CR2025 lithium button battery as a replacement battery.

1. Turn over the remote controller. While pushing the hook inward, slide out the battery cover to remove the old battery. Dispose of the old battery properly in accordance with local laws.



Note:
Hold the remote controller with its top face down when sliding out the battery cover. Otherwise, the battery will fall out of the cover.

2. Fit a new battery into the slot of the cover and push in the cover until it clicks into place.



For safety instructions regarding the battery, see "When handling the battery for the remote controller" on page 7.

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 the ? button, select Troubleshooting, and then press OK.

Printer Power Problems

LCD screen is off.

- ❏ Press the ⏻ On button on the side of the printer to make sure that the printer is on.
- ❏ If the Auto Power Settings have been made, the printer automatically turns off at the preset time. Press ⏻ On to turn on the printer.
- ❏ Turn off the printer 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 printer's voltage may not match the outlet rating. Turn off the printer 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

The printer makes an unexpected noise after you install a photo cartridge.

The first time you install the photo cartridge, the printer 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.

The memory card is not recognized.

- ❏ It may take some time to recognize the memory card. Wait until the memory card light stays on with the memory card inserted into the slot.
- ❏ Make sure the memory card has been inserted correctly. See “Inserting a Memory Card” on page 10.

Cannot load photo data from an external storage device.

The printer may not be able to load photo data that was saved using another device.

Remote Controller Problems

The remote controller does not work.

- ❏ Make sure the main power is on. The remote controller does not work when the power light is off.
- ❏ Make sure the battery is set in the remote controller in the correct direction.
- ❏ Point the remote controller toward the receiver on the printer when operating the controller. Also, make sure you are not too far from the receiver.
- ❏ Make sure there is no obstacle between the remote controller and the receiver.
- ❏ The battery may be old. If you find the remote controller malfunctions, replace the battery with a new one. See “Replacing the Battery of the Remote Controller” on page 23.

Problems With Paper Feeding

Paper does not feed correctly or jams in the printer.

- ❏ 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, detach the output tray if necessary and 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. Photo Stickers are available only for the PictureMate PM 310.
- ❏ Do not load plain paper; this may damage your printer.
- ❏ Make sure you are using available paper for this printer (see "PicturePack and Paper" on page 27). Store paper flat to help prevent curling.

Other Problem

Cannot select Save All Photos **from the** PHOTO STORAGE **menu.**

Photo source is set to External Device or Print History. Press the Menu button, then select Select Source, Change Source, and Memory Card.

Contacting Customer Support

If you cannot solve the problem using the troubleshooting information, contact customer support services for assistance. You can get the contact information for customer support for your area in your online User's Guide or warranty card. If it is not listed there, 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 on the bottom 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

PicturePack, Paper, and Options

PicturePack and Paper

The following photo cartridges and Epson special paper are available for this printer. This information is only for standalone operation.

For PictureMate PM 300:

PictureMate PicturePack T5844 (PictureMate Photo Cartridge and 50 sheets of PictureMate Photo Paper)
PictureMate PicturePack T5846 (PictureMate Photo Cartridge and 150 sheets of PictureMate Photo Paper)

For PictureMate PM 310:

PictureMate PicturePack T5852 (PictureMate Photo Cartridge and 150 sheets of PictureMate Photo Paper)
PictureMate PicturePack T5846 (PictureMate Photo Cartridge and 300 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 photo cartridges and 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 26*
- ❏ *If you want to use paper other than the types listed above, refer to the online* User's Guide *manual.*

Optional Bluetooth Photo Print Adapter

Bluetooth Photo Print Adapter 2 C12C82438*

For details on using the Bluetooth Photo Print Adapter, see the printer help.

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

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) Printable file size is up to 2.5 MB. Up to 10 jobs can be queued (Maximum 3 MB).
Hardcopy Cable Replacement Profile (HCRP)
Object Push Profile (OPP)

Note:
Supported image sizes are from 80× 80 pixels to 9200× 9200 pixels.

Printer Specifications

Mechanical

Dimensions	Printer (Storage) Width: 228 mm (9.0 inches) Depth: 192 mm (7.6 inches) Height: 158 mm (6.2 inches)
	Printer (Printing) Width: 228 mm (9.0 inches) Depth: 318 mm (12.5 inches) Height: 203 mm (8.0 inches)
	Remote Controller Width: 49 mm (1.9 inches) Depth: 110 mm (4.3 inches) Height: 11 mm (0.4 inches)
Printable area	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 Borderless printing: 0 mm margin
Paper tray capacity	Photo paper: 20 sheets
	Photo Sticker: 1 sheet
Weight	Printer Approx. 2.6 kg (5.7 lb) without AC adapter and photo cartridge
	Remote controller Approx. 0.05 kg (0.1 lb) without battery

Electrical

Rating

Printer

	AC adapter operated
Input	DC 42 V, 0.4 A

AC Adapter

Model	A431H
Input	AC 100-240 V, 50-60 Hz, 0.7 A, 29 W
Output	DC 42 V, 0.6 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
	Ready mode	Approx. 7.0 W	Approx. 7.0 W
	Sleep mode	Approx. 5.0 W	Approx. 5.0 W
	Power off	Approx. 0.2 W	Approx. 0.3 W
Input current using AC adapter (Continuous printing)		0.4 A	0.2 A

Environmental

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

* Without condensation

Memory card

Compatible memory cards	
CompactFlash	miniSDHC**
Microdrive	miniSD**
Memory Stick*	microSDHC**
Memory Stick PRO	microSD**
Memory Stick Duo**	MultiMediaCard
Memory Stick PRO Duo**	MMCplus
Memory Stick PRO-HG Duo**	MMCmobile**
Memory Stick Micro**	MMCmicro**
MagicGate Memory Stick*	xD-Picture Card
MagicGate Memory Stick Duo**	xD-Picture Card Type M
SDHC	xD-Picture Card Type M+
SD	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

File format	JPEG with Exif Version 2.21 standard
Image size	80 × 80 to 9200 × 9200 pixels
Number of files	Up to 9999

Photo Cartridge

PictureMate Photo Cartridge

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

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.*
- ❏ *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.*
- ❏ *Although the photo cartridges may contain recycled materials, this does not effect product function or performance.*

Note for PictureMate PM 310:
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.

Interface

USB 2.0 Hi-Speed (for PictBridge compliant devices / Mass storage class for external storage)
Bluetooth Ver.2.0 + EDR compliant (Option)

Standards and Approvals

Printer

U.S. model:

EMC	FCC Part15 Subpart B Class B CAN/CSA-CEI/IEC CISPR22 Class B

AC Adapter

U.S. model:

Safety	UL60950-1 CAN/CSA-C22.2 No.60950-1
EMC	FCC Part15 Subpart B Class B CAN/CSA-CEI/IEC CISPR22 Class B

Summary of Panel Settings

To display the Settings screen to make settings for printing and setting up the printer, press the Menu button.

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

Select Source

Change Source	Memory Card / External Device / Print History
Select Folder	

Select Photos

Select by Date
Select by Month
Select All Photos

Adjust Photo Settings

Fix Photos	Enhance / P.I.M. / Off
Scene Detection	Standard / People / Landscape / Night Scene
Quality	Standard / Best
Sharpness	2 to -2
Fix Red-Eye	On / Off
Color Effect	None / Black & White / Sepia

Maintenance

Check Photo Cartridge Status
Nozzle Check
Auto Cleaning
Print Head Alignment
Cleaning Sheet

Setup

Expansion	Maximum / Middle / Minimum	
Camera Text	On / Off	
Photo Sticker Position*		
Store to Printer Memory	Confirm and save photo / Save photos / Do not save photos	
PictBridge Settings	Paper Size	10×15cm(4×6in) / PhotoSticker*
	Layout	Borderless / Border / 2 Per Print / 4 Per Print / 8 Per Print / 16 Per Print / 20-up / Frame* / 1 Photo* / 4 Photos* / 9 Photos* / 16Pht. B/less* / 16 Photos*
	Color Effect	None / Black & White / Sepia
	Fix Photos	Enhance / P.I.M. / Off
	Scene Detection	Standard / People / Landscape / Night Scene
	Date	On / Off
	Camera Text	On / Off
	Quality	Standard / Best
	Fix Red-Eye	On / Off

Bluetooth Settings	Printer ID	
	Communication Mode	Discoverable / Not Discoverable / Pairing
	Encryption	On / Off
	Passkey	
	Device Address	
Date/Time		
Auto Power Settings	Power ON Time	Setup / None
	Power OFF Time	Setup / None
Language		
Change Units	mm / inch	
LCD Brightness Adjustment	+5 to -5	
Restore Default Settings		

* For PictureMate PM 310 only

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