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Epson PM-400

Epson PictureMate PM-400 Wireless Color Photo Printer User Manual

Your guide to setting up, operating, and maintaining your PM-400 printer.

1. Introduction

The Epson PictureMate PM-400 is a compact and portable wireless photo printer designed for high-quality photo printing. It allows you to print beautiful 4" x 6" and 5" x 7" photos with ease, offering features like auto photo correction and borderless printing. This printer is engineered to work exclusively with genuine Epson-brand ink cartridges to ensure optimal performance and print longevity.



Figure 1.1: Epson PictureMate PM-400 Wireless Color Photo Printer.

Key Features

- **Beautiful Borderless Photos:** Easily print high-quality 4"x6" & 5"x7" photos.
- **Ultra-Compact Design:** Lightweight and portable, saving space.
- **Total Wireless Solution:** Print directly from iPad, iPhone, tablets, and smartphones.
- **Fast Photo Print Speed:** A 4" x 6" borderless photo can print in as fast as 36 seconds.
- **Long-Lasting Prints:** Photos can last up to 200 years under proper storage conditions.
- **Auto Photo Correction:** Enhances image quality automatically.
- **Built-in Card Slot:** For direct printing from SD cards.

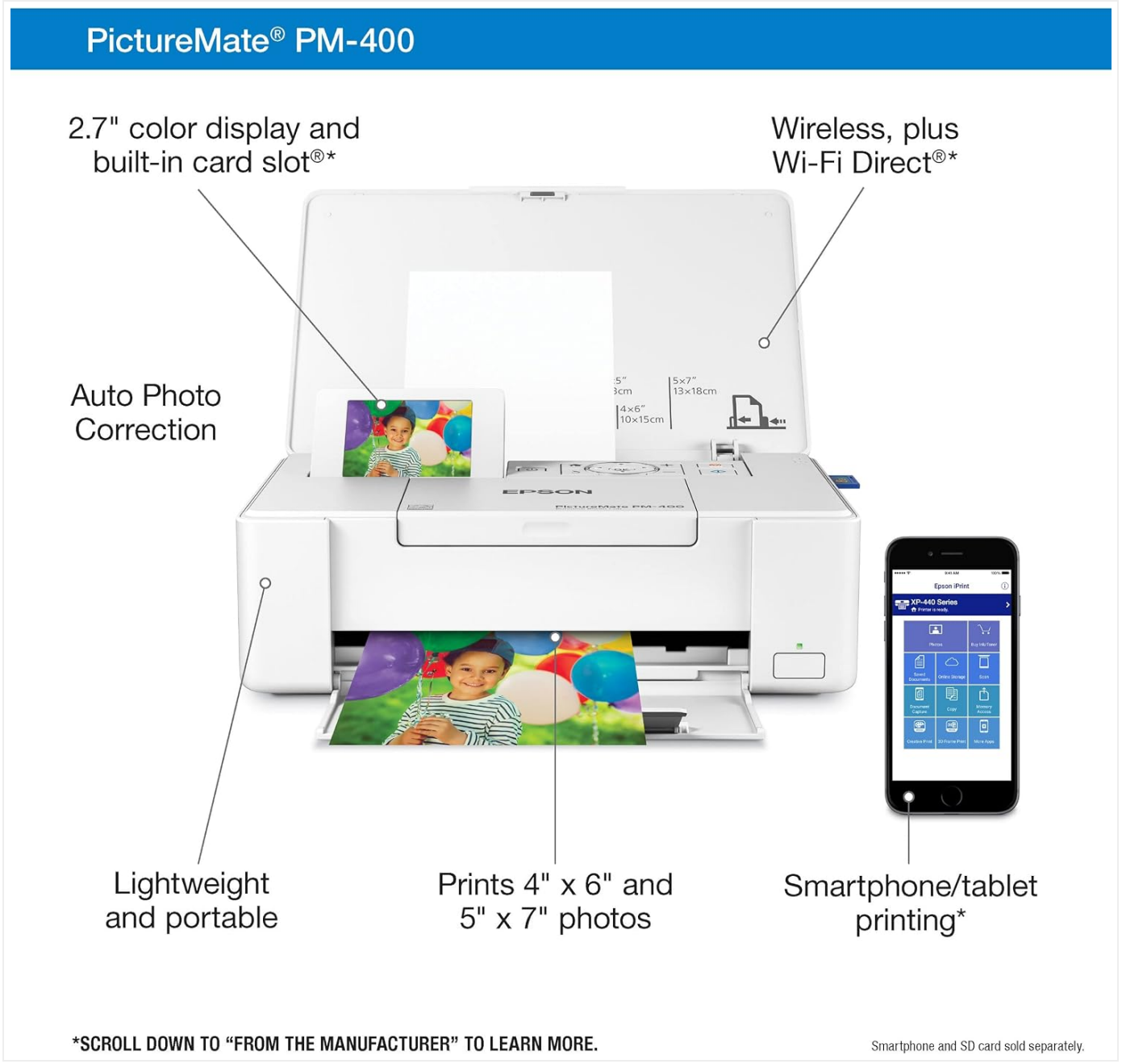


Figure 1.2: Overview of Epson PictureMate PM-400 features including 2.7" color display, Wi-Fi Direct, and smartphone printing.

2. Unpacking and What's in the Box

Before setting up your printer, ensure all components are present and undamaged. Carefully remove all packing materials from the printer.

Box Contents:

- Epson PictureMate PM-400 Personal Photo Lab Printer
- PictureMate 320 Genuine Epson Ink initial cartridge
- AC power adapter & power cord
- 5 Photo Paper Glossy sheets
- Setup and instruction manual

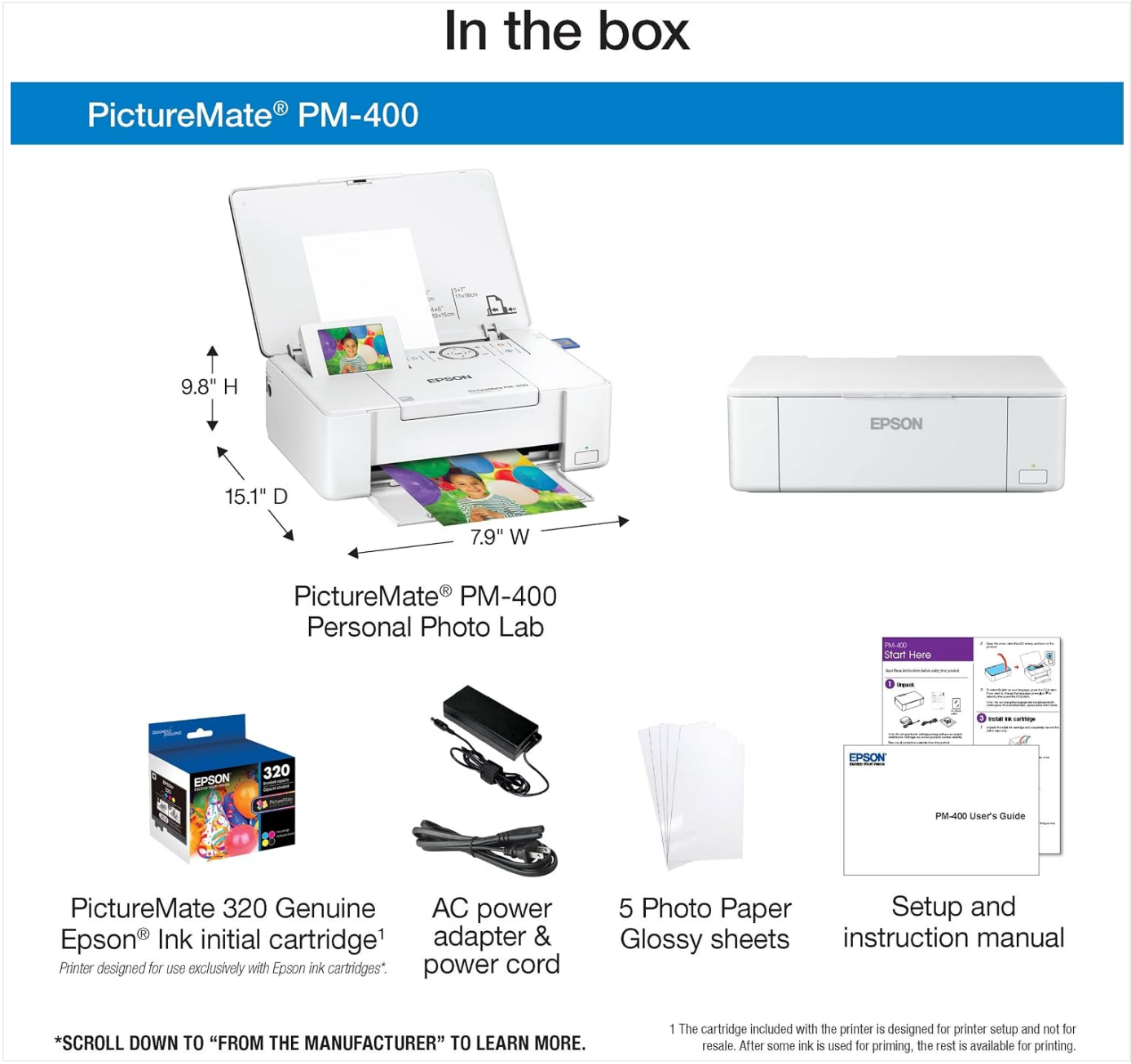


Figure 2.1: All items included in the Epson PictureMate PM-400 product box.

3. Setup

Follow these steps to set up your Epson PictureMate PM-400 printer for the first time.

3.1 Power Connection

1. Connect the AC power adapter to the printer's power input port.
2. Plug the power cord into the AC adapter, then into a standard electrical outlet.
3. Press the power button ( ) on the printer's control panel to turn it on.

3.2 Ink Cartridge Installation

The PictureMate PM-400 uses a single, genuine Epson ink cartridge. Using non-Epson cartridges may result in poor print quality or printer malfunction.

1. Open the printer cover.
2. Wait for the print head to move to the replacement position.

3. Unpack the new Epson PictureMate 320 ink cartridge.
4. Insert the cartridge firmly into its slot until it clicks into place.
5. Close the printer cover. The printer will initiate an ink charging process.

3.3 Paper Loading

Load photo paper into the rear paper feeder.

1. Extend the paper support.
2. Slide the edge guides to their outermost positions.
3. Load photo paper glossy side up, ensuring it is aligned with the right edge guide.
4. Adjust the left edge guide against the paper stack, but not too tightly.

3.4 Initial Setup on LCD

Use the 2.7" color LCD and control panel to complete the initial setup.



Figure 3.1: Close-up of the printer's control panel and 2.7" color LCD.

1. Follow the on-screen prompts to select your language and region.
2. Confirm ink cartridge installation and paper loading.
3. The printer may perform an initial print head alignment. Follow any instructions on the LCD.

4. Connectivity and Operation

The PictureMate PM-400 offers various ways to connect and print your photos.

4.1 Wireless Printing (Wi-Fi Direct)

Print directly from your smartphone, tablet, or computer without a router using Wi-Fi Direct.

1. On the printer's LCD, navigate to the Wi-Fi settings and select Wi-Fi Direct.
2. Note the network name (SSID) and password displayed on the printer's screen.
3. On your mobile device or computer, go to Wi-Fi settings and select the printer's Wi-Fi Direct network.
4. Enter the password when prompted.
5. Open the Epson iPrint app (for mobile devices) or your photo application (for computers) and select your printer to begin printing.

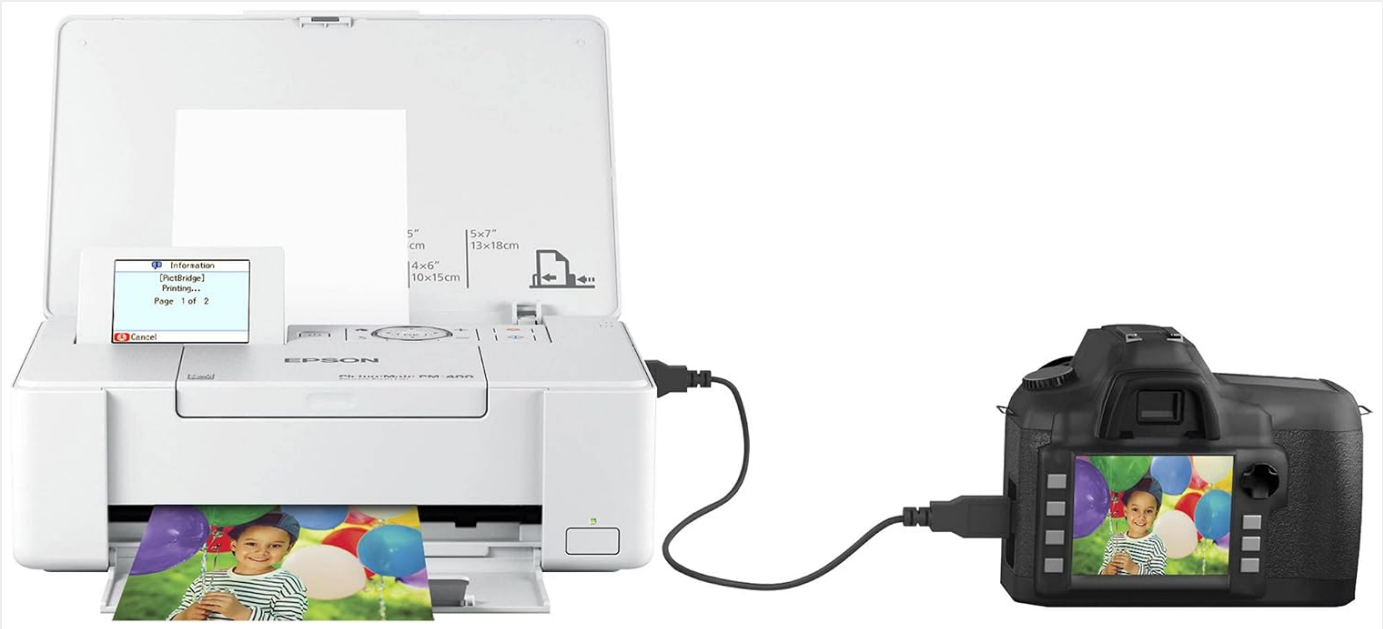


Figure 4.1: Illustrates wireless printing from a smartphone to the PM-400 printer.

4.2 Printing from SD Card

The printer features a built-in SD card slot for direct photo printing.

1. Insert your SD card into the card slot on the side of the printer. Ensure the card is inserted correctly with the contacts facing down.
2. The printer's LCD will display options to view or print photos from the card.
3. Use the control panel buttons to navigate through your photos, select desired images, and choose print settings (e.g., size, number of copies, borderless).
4. Press the Print button to start printing.



Figure 4.2: An SD card being inserted into the dedicated slot on the PM-400 printer.

4.3 Direct Printing from Camera (USB)

Connect your PictBridge-compatible digital camera directly to the printer via a USB cable.

1. Connect one end of a USB cable to your digital camera and the other end to the USB port on the printer.
2. The printer's LCD will prompt you to select photos from your camera.
3. Use the printer's control panel or your camera's controls to select photos and print settings.
4. Initiate printing from either the printer or the camera, depending on the model.



Figure 4.3: The PM-400 printer connected directly to a digital camera for printing.

5. Maintenance

Regular maintenance ensures your PictureMate PM-400 continues to produce high-quality prints.

5.1 Replacing Ink Cartridges

When the ink level is low or depleted, the printer's LCD will display a message prompting you to replace the cartridge.

1. Ensure the printer is turned on.
2. Open the printer cover. The print head will move to the replacement position.
3. Press the tab on the old ink cartridge to release it, then lift it out.
4. Unpack a new genuine Epson PictureMate 320 ink cartridge. Shake it gently before opening.
5. Insert the new cartridge firmly into the slot until it clicks into place.
6. Close the printer cover. The printer will begin charging the ink.

5.2 Cleaning the Printer

Periodically clean the exterior of the printer with a soft, damp cloth. Do not use abrasive cleaners or solvents. For internal cleaning, refer to the printer's LCD menu for options like 'Print Head Cleaning' or 'Nozzle Check' if print quality degrades.

5.3 Firmware Updates

Epson periodically provides firmware updates to address security, performance, and bug fixes. These updates ensure the printer functions as designed and are crucial for maintaining compatibility with genuine Epson ink cartridges. Non-Epson branded or altered Epson cartridges that functioned prior to a firmware update may not continue to function.

6. Troubleshooting

This section provides solutions to common issues you might encounter with your PictureMate PM-400 printer.

6.1 Printer Not Printing

- **Check Power:** Ensure the printer is plugged in and turned on.
- **Check Connections:** Verify Wi-Fi Direct connection or USB cable connection is secure.
- **Check Ink:** Ensure the ink cartridge is properly installed and not empty.
- **Check Paper:** Make sure paper is loaded correctly and there are no paper jams.
- **Error Messages:** Look for any error messages on the printer's LCD and consult the manual or Epson support for specific codes.

6.2 Poor Print Quality

- **Nozzle Check:** Perform a nozzle check from the printer's maintenance menu to identify clogged nozzles.
- **Print Head Cleaning:** If nozzles are clogged, perform a print head cleaning cycle. You may need to run it multiple times.
- **Ink Cartridge:** Ensure you are using genuine Epson ink cartridges. Non-Epson inks can cause poor quality.
- **Paper Type:** Use appropriate photo paper for best results.
- **Auto Photo Correction:** Ensure this feature is enabled for optimal image enhancement.

6.3 Connectivity Issues

- **Wi-Fi Direct:** Re-establish the Wi-Fi Direct connection by forgetting the network on your device and reconnecting.
- **Router Interference:** If using a router (not Wi-Fi Direct), ensure the printer is within range and there's no interference.
- **Restart Devices:** Try restarting the printer, your mobile device, or computer.

7. Specifications

Detailed technical specifications for the Epson PictureMate PM-400.

Feature	Specification
Model Name	PM-400
Printing Technology	Inkjet
Printer Output	Color
Max Copy Resolution Color	5760 x 1440 dpi
Initial Page Print Time	36 seconds (for 4" x 6" borderless photo)
Print Media	Glossy photo paper
Ink Color	Dye Black, Cyan, Magenta, Yellow (single cartridge)
Connectivity Technology	USB, Wi-Fi Direct
Compatible Devices	Smartphones, Tablets, Digital Cameras (PictBridge)
Control Method	App, On-device LCD
Display	2.7" Color LCD
Item Weight	6.54 pounds
Product Dimensions	15.1 x 9.8 x 7.9 inches (LxWxH)

Feature	Specification
Special Feature	Portable, SD Card Slot, Auto Photo Correction

8. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your printer or visit the official Epson support website.

8.1 Warranty Information

Epson provides a limited warranty for the PictureMate PM-400. Details regarding the warranty period, coverage, and terms are typically found in the 'Start Here' guide or the full user manual provided in the box. Please retain your proof of purchase for warranty claims.

8.2 Technical Support

If you encounter issues not covered in this manual or require further assistance, please contact Epson customer support. You can find contact information and additional resources, including FAQs and driver downloads, on the official Epson website: www.epson.com/support.

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