Phomemo P831-WH

Phomemo P831 Portable Printer User Manual

Model: P831-WH | Brand: Phomemo

INTRODUCTION

The Phomemo P831 Portable Printer is a compact and versatile thermal printer designed for on-the-go printing. It supports 8.5x11 US Letter and A4 regular copy paper, offering 300 DPI resolution for clear and durable documents. This inkless printer utilizes thermal transfer technology, eliminating the need for ink cartridges or toner, and supports both Bluetooth wireless and USB wired connections for compatibility with mobile devices and various computer operating systems.

Its portable design makes it an ideal companion for travelers, business professionals, students, and home office users, enabling efficient printing from virtually anywhere. The printer also features duplex printing to maximize paper usage and promote environmental protection.

Image: The Phomemo P831 Portable Printer in white, shown printing a document from a smartphone via Bluetooth connection.

What's in the Box

Upon unboxing your Phomemo P831 Portable Printer, you will find the following components:

- Phomemo P831 portable printer
- Quick Start Guide
- Thermal Ribbon (pre-installed or included for first use)
- USB-C charging cable (80cm)

Supports Multi-Size Printing

Size:US Letter / A4 / B5 / A5

Image: All included items laid out on a wooden table, showing the white printer, USB-C cable, USB adapter, user guide, and quick start guide.

SETUP GUIDE

1. Powering On the Printer

To power on the Phomemo P831 printer, press and hold the power button located on the side of the device for approximately 3 seconds until the indicator lights illuminate. The status light (leftmost) will turn red briefly, then green, indicating it's ready for use. The connection light (middle) will also illuminate.

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Video: Demonstrates unboxing, powering on the Phomemo P831 printer, and identifying its various ports and indicators. (Relevant section: 1:04 - 1:19)

2. Installing Drivers for Computer Printing (Windows, Mac, Chrome OS, Linux)

For printing from a computer, you must first download and install the appropriate driver for your operating

system. Visit the official Phomemo driver download page at p831.phomemo.com.

- **Windows:** Download the Windows driver, run the installer, and follow the on-screen prompts. Connect the printer via USB cable when instructed.
- **Mac OS:** Download the Mac OS driver package and follow the installation steps.
- **Chrome OS:** Download and install the specific driver for Chrome OS.
- **Linux:** Download the Linux driver package and follow the installation instructions provided.

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Video: Step-by-step guide on how to set up the Phomemo P831 printer on a Windows operating system.

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Video: Instructions for setting up the Phomemo P831 printer on a Mac OS system.

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Video: Guide on how to set up the Phomemo P831 printer for Chrome OS.

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Video: Detailed steps for setting up the Phomemo P831 printer on a Linux system.

OPERATING INSTRUCTIONS

1. Loading Paper

Ensure the printer is powered on. Gently insert the paper into the paper input slot at the front of the printer. The printer will automatically feed the paper into position when it detects it. Ensure the paper is aligned correctly to prevent jams or crooked prints.

Image: The Phomemo P831 printer demonstrating compatibility with various paper sizes including US Letter, A4, B5, and A5.

2. Printing from Mobile Devices (Bluetooth)

1. Download the "Phomemo" app from your device's app store (available for Android and iOS).
2. Enable Bluetooth on your smartphone or tablet.
3. Open the Phomemo app and tap to add a device. Select "P831" from the list to connect.
4. Once connected, select the document or image you wish to print within the app and initiate the print

command.

Video: Shows the process of connecting the Phomemo P831 printer to a mobile device via Bluetooth using the Phomemo app and printing a document. (Relevant section: 3:35 - 4:56)

3. Printing from Computers (USB Connection)

After installing the necessary drivers (see Setup Guide), connect the Phomemo P831 printer to your computer using the provided USB-C cable. Once connected, the printer will be recognized by your system. You can then print documents as you would with any standard printer, selecting "Phomemo P831" from your printer options.

Image: The Phomemo P831 printer connected to a laptop, illustrating the USB connection for printing.

4. Duplex Printing

The Phomemo P831 supports double-sided printing. After printing the first side of your document, carefully re-insert the paper into the printer to print on the reverse side. This feature helps conserve paper and is environmentally friendly.
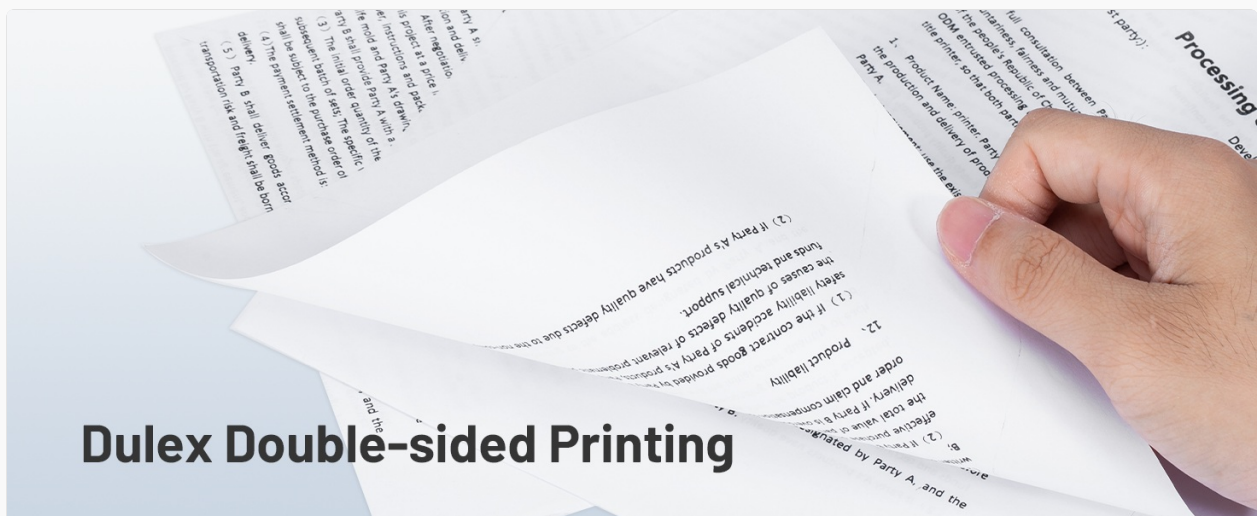

Image: A close-up of hands handling a sheet of paper, illustrating the duplex double-sided printing capability of the Phomemo P831 printer.

MAINTENANCE

Replacing the Thermal Ribbon

The Phomemo P831 uses a thermal transfer ribbon instead of ink. When the print quality degrades or the ribbon runs out, it needs to be replaced. Each ribbon roll can print approximately 45 sheets of A4 paper.

1. Ensure the printer is powered off.
2. Locate the two cover release buttons on the sides of the printer and press them to open the top cover.
3. Carefully remove the used thermal ribbon cartridge.
4. Insert a new thermal ribbon cartridge, ensuring it clicks securely into place. Follow the arrow instructions inside the printer for correct orientation.
5. Close the top cover until it latches firmly.

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Video: Demonstrates how to open the printer cover and replace the thermal ribbon. (Relevant section: 1:30 - 2:13)

TROUBLESHOOTING

Problem	Possible Cause / Solution
Printer not turning on.	Ensure the battery is charged. Connect the printer to a power source using the USB-C cable.
Cannot connect via Bluetooth.	Make sure Bluetooth is enabled on your mobile device. Ensure the printer is within 1 meter range of your device. Restart the printer and try connecting again. Check if location services are enabled for the Phomemo app (if prompted).
Poor print quality / Faded prints.	The thermal ribbon may be running low or needs replacement. Ensure the thermal ribbon is installed correctly. Adjust print density settings in the Phomemo app or computer driver. Ensure you are using compatible paper.
Paper jams or misfeeds.	Ensure paper is inserted straight and not wrinkled. Do not force paper into the feeder. Check for any foreign objects inside the paper path.
Printer not recognized by computer.	Verify that the correct drivers are installed for your operating system. Try a different USB port or cable. Restart both the printer and the computer.

SPECIFICATIONS

Feature	Detail
Model Name	P831
Printer Ink Type	Thermal Ribbon
Printing Technology	Thermal
Max Printspeed Monochrome	3 ppm
Maximum Black and White Print Resolution	300 dpi
Maximum Color Print Resolution	300 DPI
Sheet Size Support	8.5x11 Inches (US Letter), A4
Duplex Printing	Yes (Automatic)
Connectivity Technology	Bluetooth, USB Type C
Compatible Devices	Smartphones, Laptops (Mac, Windows, Chrome OS, Linux)
Battery Capacity	2000 mAh Lithium Polymer (included)
Long Standby Time	48 hours
Sheets per Full Charge	160 sheets
Sheets per One Ribbon	45 sheets (A4)
Product Dimensions	12.2 x 2.36 x 1.5 inches
Item Weight	1.76 pounds (800 Grams)
Included Components	Phomemo P831 portable printer, Quick Start Guide, Thermal Ribbon, USB-C charging cable (80cm)

Image: The Phomemo P831 printer highlighting its Bluetooth connectivity for Android, iOS, and iPad, and USB connection for Mac, Windows, Chrome OS, and Linux.

300DPI Printing Quality

Thermal transfer printing technology is not recommended for printing images

Processing contract

Developer (first party:):   Developer (Party B):

Address: Address:

...full consultation between Party A and Party B, based on ...ples of equality, fairness and mutual benefit, and in ...with the provisions of the civil code of the people's ...hina and relevant laws and regulations, Party A ...into an ODM entrusted processing contract for ...velop and produce the brand 2-inch wrong title ...at both parties can abide by it.

Product Name: printer. Party B is entrusted to engage in product development and complete the production and delivery of products to the whole product life cycle according to the needs of Party A.

Magnified text: ...with the ... ...ic of China and re... ...y enters into an ODM... ...B to develop and pro... ...so that both parti...

Not recommended for printing images

Processing contract

Developer (first party:):   Developer (Party B):

Address: Address:

After full consultation between Party A and Party B, based on the principles of equality, fairness and mutual benefit, and in accordance with the provisions of the civil code of the people's Republic of China and relevant laws and regulations, Party A hereby enters into an ODM entrusted processing contract for Party B to develop and produce the brand 2-inch wrong title printer, so that both parties can abide by it.

300 DPI

Image: Illustrates the 300 DPI printing quality of the Phomemo P831 for text documents, with a clear disclaimer that thermal transfer technology is not recommended for printing images.

Large Compacity Battery

Built in Rechargeable Inner Batter

2000 mAh
Capacity

48 hours
Long Standby Time

160 sheets
Fully Charged

45 sheets
One Ribbon

15mm/s
Printing Speed

Image: Detailed specifications of the Phomemo P831's large capacity battery, including its 2000 mAh capacity, 48 hours long standby time, ability to print 160 sheets on a full charge, and 45 sheets per ribbon.

WARRANTY AND SUPPORT

The Phomemo P831 Portable Printer comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation included in your product packaging or visit the official Phomemo website.

For technical support, troubleshooting assistance, or warranty claims, please contact the seller directly. The primary seller for this product is Phomemo-YQ.

You can also refer to the official User Guide PDF available online for more detailed information User Guide (PDF).