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› Phomemo M221 Bluetooth Thermal Label Printer User Manual

## Phomemo M221

# Phomemo M221 Bluetooth Thermal Label Printer User Manual

Model: M221

## INTRODUCTION

Thank you for choosing the Phomemo M221 Bluetooth Thermal Label Printer. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference. The Phomemo M221 is designed for fast, clear, and smart label printing, supporting various label types and applications for small businesses, home, and school use.

## SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following precautions:

- Do not disassemble, repair, or modify the printer.
- Keep the printer away from water, moisture, and direct sunlight.
- Use only Phomemo-approved power adapters and accessories.
- Avoid touching the print head immediately after printing, as it may be hot.
- Store the printer and labels in a cool, dry place.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- Phomemo M221 Label Printer
- USB Type-C Charging Cable
- 1 roll of 40 x 30 mm thermal labels
- 1 roll of 50 x 80 mm thermal labels
- 1 roll of 70 x 80 mm thermal labels
- Portable carrying case
- User Manual (this document)



Image: Phomemo M221 Label Printer Gift Set, showing the printer, a black carrying case, and three rolls of white thermal labels.

## PRODUCT OVERVIEW

The Phomemo M221 is a compact and efficient thermal label printer. Key features include:

- **Thermal Printing Technology:** No ink or toner required.

- **Wide Label Compatibility:** Supports labels from 20mm to 80mm (0.78" to 3.14") wide, including rectangular, round, transparent, and colored types.
- **Connectivity:** Bluetooth for iOS/Android smartphones and tablets, USB for Windows PCs.
- **High-Capacity Battery:** 2200 mAh battery with Type-C fast charging.
- **Fast and Quiet Operation:** Prints at 50 mm/s with reduced noise.
- **User-Friendly Design:** Easy label loading and automatic gap detection.



Image: Phomemo M221 Label Maker Set, illustrating its features such as no ink requirement, large battery capacity, Bluetooth wireless printing, and its suitability as a gift.

## SETUP

### 1. Charging the Printer

Before first use, fully charge the Phomemo M221 printer.

1. Connect the provided USB Type-C cable to the printer's charging port.
2. Connect the other end of the cable to a 5V USB power adapter (not included) or a computer's USB port.
3. The indicator light will show charging status. A full charge typically takes several hours. The 2200 mAh battery supports extended use.

## **2. Loading Labels**

The M221 features an integrated label fixing structure for easy loading.

1. Open the printer cover.
2. Insert the label roll into the compartment, ensuring the printing side faces upwards and the labels feed smoothly.
3. Adjust the side guide plates to secure the label roll in place.
4. Close the printer cover. The printer will automatically detect and calibrate the label gap.

## **3. Connecting to Your Device**

The Phomemo M221 supports both Bluetooth and USB connections.

### **Bluetooth Connection (Smartphones/Tablets)**

1. Ensure Bluetooth is enabled on your iOS or Android device.
2. Download and install the "Print Master" application from your device's app store.
3. Open the "Print Master" app and follow the on-screen instructions to search for and connect to your M221 printer.

# Bluetooth wireless connection with Phones & Tablets



Image: Phomemo M221 printer demonstrating Bluetooth wireless connection with a tablet and a smartphone.

## USB Connection (Windows PC)

1. Connect the USB Type-C cable from the printer to an available USB port on your Windows PC.
2. Download and install the "Labelife" software and printer drivers from the official Phomemo website.
3. Follow the software installation prompts. Once installed, you can select the M221 as your printer.

# Connect with Laptop via USB Cable



Image: Phomemo M221 printer connected to a laptop using a USB cable, indicating wired connectivity.

## OPERATING INSTRUCTIONS

### 1. Basic Printing with "Print Master" App (Mobile)

1. Ensure your M221 printer is connected via Bluetooth to your mobile device.
2. Open the "Print Master" app.
3. Select a template or create a new label design. The app offers various templates for text, images, barcodes, QR codes, and more.
4. Customize your label content.
5. Tap the print icon. Confirm print settings such as quantity.
6. The printer will begin printing your labels.

### 2. Printing with "Labelife" Software (PC)

1. Ensure your M221 printer is connected via USB to your Windows PC.
2. Open the "Labelife" software.
3. Design your label using the software's features, including text, images, barcodes, and QR codes.
4. Go to "File" > "Print" or click the print icon.
5. Select the Phomemo M221 from the list of available printers and adjust any necessary print settings.
6. Click "Print" to start printing.

### 3. Batch Printing

Both "Print Master" and "Labelife" support batch printing for efficiency.

- In the print dialogue, specify the desired number of copies.
- The printer will automatically print multiple labels consecutively.



## Versatile 3 Inches Label Printer — Phomemo M221 —



Image: Phomemo M221 printer demonstrating its versatility with examples of address labels, price tags, ingredient labels, and gift tags.

# Various Label Types

Works with 50+ Types of Thermal Labels



Image: Phomemo M221 printer showcasing its compatibility with over 50 types of thermal labels, including various shapes and designs.

## MAINTENANCE

### 1. Cleaning the Print Head

Regular cleaning of the print head ensures optimal print quality.

1. Turn off the printer and disconnect the power cable.
2. Open the printer cover.
3. Gently wipe the print head with a cotton swab lightly dampened with isopropyl alcohol.
4. Allow the print head to dry completely before closing the cover and turning on the printer.

### 2. Storage

Store the printer in a clean, dry environment, away from extreme temperatures and direct sunlight. When not in

use for extended periods, ensure the printer is fully charged and then powered off.

# Potable and Easy to Carry



Image: A man holding the Phomemo M221 printer's carrying case, illustrating its portable design.

## TROUBLESHOOTING

### Printer Does Not Turn On or Charge

- **Check Power Connection:** Ensure the USB Type-C cable is securely connected to both the printer and a working power source (5V adapter or PC USB port).
- **Verify Power Adapter:** Use a reliable 5V USB power adapter.
- **Charge Duration:** Allow sufficient time for charging. The battery indicator should show charging status.

### No Printing or Blank Output

- **Check Label Orientation:** Ensure the thermal labels are loaded correctly with the printing side facing upwards.

- **Label Type:** Confirm you are using thermal labels. The M221 does not use ink.
- **Print Head Cleanliness:** A dirty print head can cause blank lines or poor print quality. Refer to the Maintenance section for cleaning instructions.
- **Label Alignment:** Ensure the label roll is properly seated and aligned by the side guide plates to prevent misalignment errors.

### Bluetooth Connection Issues

- **Printer On:** Ensure the printer is powered on and within Bluetooth range of your device.
- **Bluetooth Enabled:** Verify Bluetooth is active on your smartphone or tablet.
- **App Connection:** Connect through the "Print Master" app, not directly through your device's Bluetooth settings.
- **Restart Devices:** Try restarting both the printer and your mobile device.

### Poor Print Quality

- **Print Head Cleanliness:** Clean the print head as described in the Maintenance section.
- **Label Quality:** Use high-quality thermal labels.
- **Print Density Settings:** Adjust print density settings within the "Print Master" app or "Labelife" software if available.

## SPECIFICATIONS

Feature	Detail
Model Number	M221
Brand	Phomemo
Connectivity Technology	Bluetooth, USB Type C
Printing Technology	Thermal
Print Output	Monochrome
Max Print Speed (Monochrome)	15.0 pages per minute (50 mm/s)
Max Print Resolution (Monochrome)	203 dpi
Supported Label Width	20mm - 80mm (0.78" - 3.14")
Battery	2200 mAh (1 D - included)
Item Weight	820 Grams
Product Dimensions (L x W x H)	12.9 x 6.7 x 11.9 centimeters
Control Device Type	Smartphone/PC
Media Type	Labels

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## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Phomemo website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

**Online Resources:** Visit the [Phomemo Store on Amazon](#) for product updates and FAQs.