

Phomemo M03

Phomemo M03 Portable Photo Printer User Manual

Model: M03 | Brand: Phomemo

1. INTRODUCTION

Thank you for choosing the Phomemo M03 Portable Photo Printer. This compact and versatile thermal printer allows you to print photos, labels, notes, and more directly from your mobile device. Designed for convenience and portability, the M03 supports two print sizes, 53mm (2 inches) and 80mm (3 inches), providing clear black and white prints without the need for ink cartridges. This manual provides detailed instructions on setting up, operating, and maintaining your Phomemo M03 printer to ensure optimal performance and longevity.



Figure 1.1: Phomemo M03 Portable Photo Printer in use, demonstrating its wireless printing capabilities and diverse output.

2. PACKAGE CONTENTS

Please check the box for the following items:

- Phomemo M03 Sticker Printer
- One (1) Roll of White Thermal Paper
- Type-C Charging Cable
- User Manual (this document)

3. PRODUCT FEATURES

3.1 Dual Print Sizes (53mm & 80mm)

The M03 printer supports both 53mm (2-inch) and 80mm (3-inch) print widths, offering greater flexibility for various printing needs compared to smaller thermal printers. This allows for clearer and more detailed prints.

Wider Print in 2 Sizes



Figure 3.1: Illustration of the M03's capability to print in two different widths: 53mm and 80mm.

53mm (2 inch)
Easy to Take Notes
Clear and Sharp text

A great many people, of course, tend to associate it with certain atmosphere, certain physical surroundings, and certain emotional attitudes within themselves. This sentimentality toward home is something that has come down to us from the past. Many modern people do not have it, and I think it is a good thing that they do not. In the old days life was difficult. Enemies could attack you and kill or rob you, and you had little protection against them. People did not live in well-built houses where doors could be locked. They did not have the protection of an organized police force or telephones, which could summon the police instantly. How did this influence the way people felt about home? Small family groups, clinging tightly together for protection against beasts and against other men. Only the bravest went beyond the small family area. Even in the Middle Ages only the most daring went to lands beyond the sea. The human pursuit of security conditioned men to 

White sticker paper

OCR

A great many people when they speak of home, tend to associate it with a certain atmosphere, certain physical surroundings, and certain emotional attitudes within themselves. This sentimentality toward home is something that has come down to us from the past. Many modern people do not have it, and I think it is a good thing that they do not. In the old days life was difficult. Enemies could attack you and kill or rob you, and you had little protection against them. People did not live in well-built houses where doors could be locked. They did not have the protection of an organized police force or telephones which could summon police instantly. How did this influence the way people felt about home? Small family groups clung tightly together for protection against beasts and against other men. Only the bravest and most daring went beyond the small family area. Even in the Middle Ages only the most daring went to lands beyond sea. The human pursuit of security conditioned men to love their homes.

White non-sticky paper

Figure 3.2: Example of 53mm printout, ideal for clear and sharp text notes.

80mm (3 inch) Satisfy More Your DIY Journal Creation



Figure 3.3: Example of 80mm printout, suitable for DIY journal creations and larger designs.

3.2 Versatile Applications

The M03 portable printer is suitable for a wide range of uses, including printing photos, creating albums, personalized stickers, labels, notes, and work plans. Please note that the printer exclusively produces black and white prints.

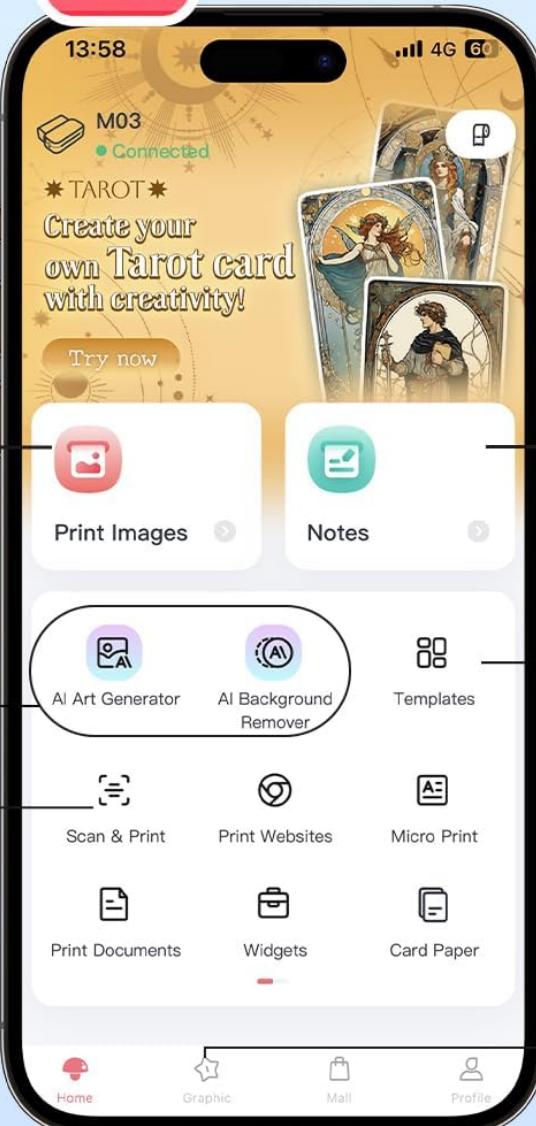
3.3 Bluetooth Connectivity

Connect your mobile phone or tablet wirelessly to the M03 printer via Bluetooth. The printer is compatible with Android 7.0 or iOS 13.0 and higher versions.

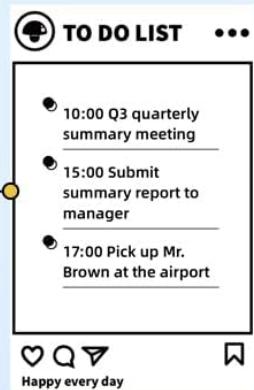
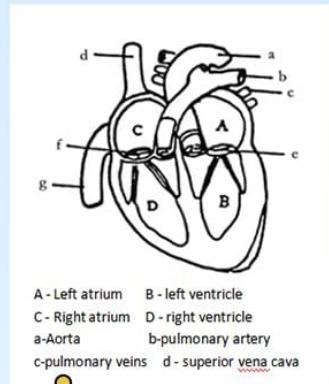
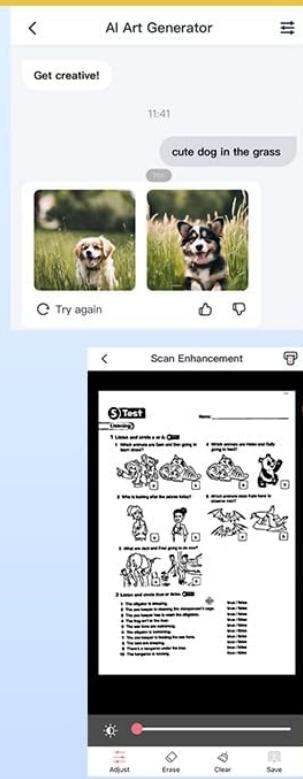
Sticker Printer with Smart APP "Phomemo"



Phomemo



New AI Feature



Download from

Download on the
App Store

GET IT ON
Google Play

Figure 3.4: The Phomemo Smart App interface, showing features like AI Art Generator, Notes, and Templates.

Bluetooth Connection - Instant Printing



Figure 3.5: Demonstrating the seamless Bluetooth connection for instant printing.

3.4 Inkless Thermal Printing

The Phomemo M03 utilizes thermal printing technology, eliminating the need for ink cartridges, toner, or ribbons. This design ensures hassle-free printing and allows for convenient use even outdoors when the printer is fully charged.

3.5 Long-lasting Battery

Equipped with a built-in 2200 mAh battery, the M03 provides extended usage time, making it ideal for on-the-go printing.

3.6 Educational Functionality

The Phomemo app also offers features for early education, including counting, alphabet and word learning, and puzzle games, making the printer a versatile tool for both personal and educational use.



Figure 3.6: The M03 printer used for early education activities, such as printing learning cards.

4. SETUP GUIDE

4.1 Charging the Printer

Before first use, fully charge the printer. Connect the provided Type-C charging cable to the printer's charging port and the other end to a USB power adapter (not included) or a computer USB port. The indicator light will show charging status.

4.2 Loading Thermal Paper

1. Open the printer cover by gently sliding the latch or pressing the release button (refer to the diagram on the device if available).
2. Insert the thermal paper roll into the paper compartment, ensuring the printing side of the paper faces the print head. The paper should feed smoothly.
3. Pull a small length of paper out of the printer and close the cover firmly until it clicks into place.

4.3 Installing the Phomemo App

The Phomemo M03 printer operates via the Phomemo mobile application. Download the app from your device's app store:

- For iOS devices: Search for "Phomemo" in the Apple App Store.
- For Android devices: Search for "Phomemo" in the Google Play Store.

Install the app and grant necessary permissions for Bluetooth and storage access.

4.4 Pairing with Your Device (Bluetooth)

1. Ensure the Phomemo M03 printer is turned on.
2. Enable Bluetooth on your mobile phone or tablet.
3. Open the Phomemo app. The app will automatically search for nearby Phomemo devices.
4. Select "M03" from the list of available devices to connect. Once connected, the app will indicate the printer's status.

5. OPERATING INSTRUCTIONS

5.1 Basic Printing

1. Ensure the printer is connected to the Phomemo app via Bluetooth.
2. Within the Phomemo app, select the desired printing function (e.g., "Print Images," "Notes," "Templates").
3. Choose the content you wish to print from your device's gallery, create new notes, or select a template.
4. Adjust print settings such as size (if applicable for 53mm/80mm paper), density, or rotation within the app's editing interface.
5. Tap the "Print" button to initiate printing. The printer will feed and print the content.

5.2 Using App Features

The Phomemo app offers a variety of features to enhance your printing experience:

- **Print Images:** Select and print photos from your phone's gallery.
- **Notes:** Create and print text notes, lists, or memos.
- **Templates:** Access a library of pre-designed templates for labels, planners, to-do lists, and more.
- **Scan & Print:** Use your phone's camera to scan text or images and print them.
- **Print Websites:** Print content directly from web pages.
- **Micro Print:** For very small text or detailed prints.
- **Print Documents:** Print various document types.

- **Widgets:** Utilize app widgets for quick access to printing functions.
- **Card Paper:** Specific settings for printing on card-like thermal paper.
- **AI Art Generator:** Generate unique images using AI for printing.

6. MAINTENANCE

6.1 Cleaning the Print Head

To maintain print quality, clean the print head regularly, especially if print quality degrades or streaks appear.

1. Turn off the printer and disconnect the charging cable.
2. Open the printer cover.
3. Gently wipe the print head (the dark strip inside the printer) 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.

6.2 Battery Care

- Avoid fully discharging the battery frequently.
- Charge the printer regularly, even if not in use, to maintain battery health.
- Store the printer in a cool, dry place when not in use for extended periods.

6.3 Storage

Store the printer in a clean, dry environment away from direct sunlight, extreme temperatures, and humidity. Keep it away from dust and corrosive chemicals.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Printer does not turn on.	Low battery; Power button not pressed correctly.	Charge the printer; Press and hold the power button for a few seconds.
Cannot connect via Bluetooth.	Bluetooth off on device; Printer not in pairing mode; App issue.	Ensure Bluetooth is on; Restart printer and app; Check app permissions.
Poor print quality (faint, streaks).	Low battery; Dirty print head; Incorrect paper type; Paper loaded incorrectly.	Charge printer; Clean print head (Section 6.1); Use Phomemo thermal paper; Reload paper correctly.
Paper jam.	Paper loaded incorrectly; Foreign object inside.	Turn off printer, open cover, carefully remove jammed paper; Check for obstructions.
Printer stops printing mid-way.	Out of paper; Low battery; Bluetooth connection lost.	Replace paper roll; Charge printer; Re-establish Bluetooth connection.

8. SPECIFICATIONS

Feature	Specification
Model Number	M03

Feature	Specification
Dimensions (L x W x H)	14.5 x 6.7 x 5.4 cm (approx. 5.7 x 2.6 x 2.1 inches)
Weight	650 Grams (approx. 1.43 lbs)
Printing Technology	Thermal
Print Resolution	203 dpi (dots per inch)
Print Output	Monochrome (Black and White)
Max Media Size	80 mm (3 inches)
Connectivity	Bluetooth, USB (Type-C for charging)
Compatible Devices	Smartphones, Tablets
Operating System Compatibility	Android 7.0 or higher, iOS 13.0 or higher
Battery	2200 mAh Lithium-polymer (built-in)
Max Print Speed (Monochrome)	10 mm/s

9. WARRANTY AND SUPPORT

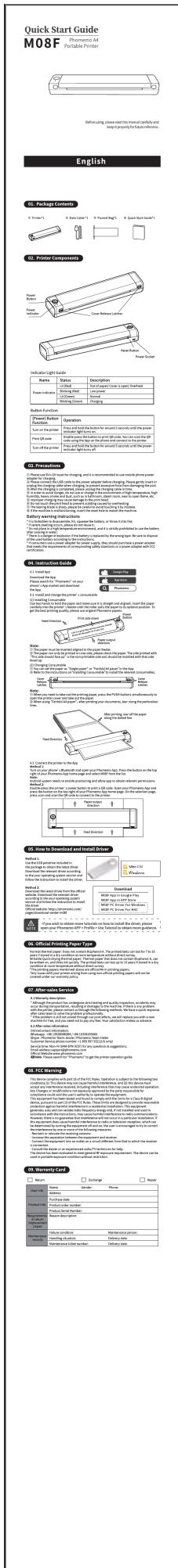
Phomemo products are manufactured to high-quality standards. For information regarding warranty coverage, returns, or technical support, please refer to the warranty card included in your product packaging or visit the official Phomemo website. You can also visit the Phomemo store on Amazon for further assistance and product information: [Phomemo Amazon Store](#).

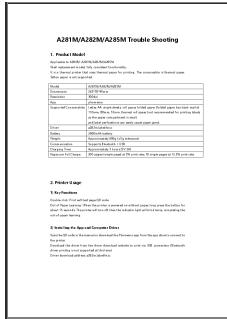
Please retain your proof of purchase for any warranty claims.

© 2024 Phomemo. All rights reserved.

Related Documents

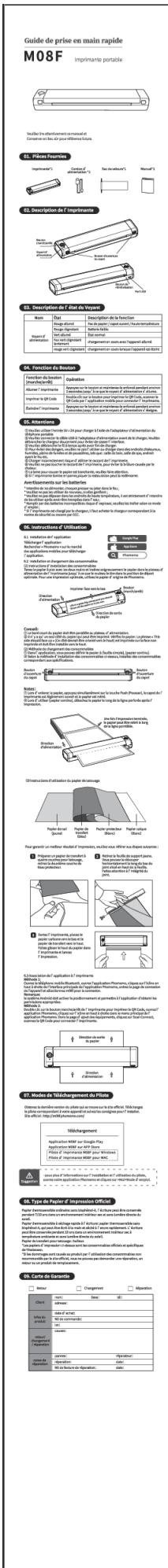
 M834 Portable Printer User Guide <small>Before using the product, please read this manual carefully.</small>	
---	--





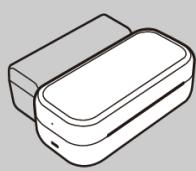
Phomemo A281M/A282M/A285M Troubleshooting Guide

A comprehensive troubleshooting guide for Phomemo A281M, A282M, and A285M thermal printers, covering product information, usage, common machine and connection issues, printing problems, and app-related questions.



Phomemo M08F Portable Printer Quick Start Guide

A quick start guide for the Phomemo M08F portable thermal printer, covering setup, operation, app installation, and troubleshooting.



Mini drukarka Instrukcja obsługi

Przed rozpoczęciem użycia należy uważnie przeczytać niniejszą instrukcję i zachować ją na przyszłość.

[pdf]

5907085521596 m03 pl Instrukcja obsługi Max Elektro①Wybierz funkcję „Drukuj obraz w aplikacji

Phomemo ②Dodaj zdjęcia radiowego Mini drukarka M03 jest zgodny z dyrektywą 2014/53

UEgproxmaxelektro storage file pimcore import 2025 4 9 8762f2fca9465941a123a42281a6854d

phomemo instrukcja obsługi |||

Mini drukarka Instrukcja obsługi Przed rozpoczęciem użycia należy uważnie przeczytać niniejszą instrukcję ... plikacj Phomemo - nacini j ikon w prawym górnym rogu głównego interfejsu aplikacji Phomemo - wybierz **M03** z listy, aby się polczy - zakoczyć urzędzenia. Metoda 2: Po uruchomieniu nacini j dwukrotnie...

lang:pl score:29 filesize: 1.97 M page_count: 12 document date: 2024-10-15



[pdf] Instructions Accessories Label

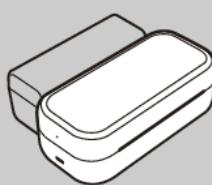
30400300292 Phomemo M03 A1 Instructions for Use IFU Mini Printer M03 3 inch Portable Sticker

Small Bluetooth Thermal Inkless Gifts Study Pictures Labels Compatible with Phone Tablet Green

Computers Accessories B19krb NOrL m media amazon images I |||

...

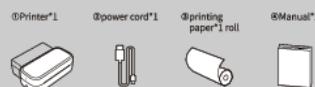
lang:pl score:18 filesize: 3.45 M page_count: 1 document date: 2021-06-16



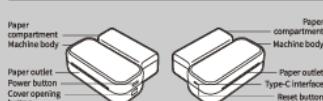
Phomemo Mini Printer Quick Start Guide

Before using, please read this manual carefully and keep it properly for future reference.

01. Packing list



02. Machine description



Power indicator status description	Green lighting form	Standby/Charging completed
Green flashing	Charging	
Red lighting form	Fault: out of paper/overheated	
Red flashing	Out of power	

2.1 Precautions

- ① Please use 5V-2A input for charging, and it is recommended to use mobile phone power adapter for charging.
- ② Please connect the USB cable to the power adapter before charging. Please gently insert or unplug the charging cable when charging, to prevent excessive force from damaging the port.
- ③ After charging is completed, please unplug the charging cable in time.
- ④ In order to avoid danger, do not use or charge in the environment of high temperature, high humidity, heavy smoke and dust, such as in bathroom, steam room, near to open flame, etc.
- ⑤ Please do not damage the paper to prevent damage to the paper blade.
- ⑥ Do not touch the printer to prevent scalding caused by overheating.
- ⑦ The tearing blade is sharp, please be careful to avoid touching it by mistake.
- ⑧ If the machine is malfunctioning, insert the reset hole to restart the machine.

2.2 Battery warning instructions

- * It is forbidden to disassemble, inc., squeeze the battery, or throw it into fire;
- * If severe swelling occurs, please do not reuse it;
- * Do not place in a high temperature environment, and it is strictly prohibited to use the battery after soaking in water;
- * There is a danger of explosion if the battery is replaced by the wrong type. Be sure to dispose of the used battery according to the instructions;
- * If necessary, use a power adapter for power supply, they should purchase a power adapter that meets the requirements of corresponding safety standards or a power adapter with CCC certification.

03. APP download method

Please search for "Phomemo" in APP store, download and install.
1. Search for Phomemo in the Apple App Store, click to download and install.
2. Search for Phomemo in the Google App Store, click to download and install.

04. App connection method



1. Please charge the printer for the first use, and then press and hold the power button for about 3 seconds to turn it on
2. Connect the machine



Method 1:
Turn on the Bluetooth of a phone → open the Phomemo APP → click the icon in the upper right corner of Phomemo APP main interface → select M03 in the list to connect → complete the machine connection



Method 2:
After starting up, double-click the start-up button printing QR code → scan the code in the Phomemo APP to connect

Tips: User can view the usage tutorial in the APP, and connect the machine according to video operation

05. How to replace the printing paper

1. Separate machine body and paper compartment manually, and open the paper compartment cover at the paper outlet



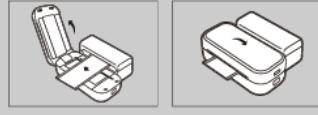
2. Take out the consumable roller, load new consumable and put it in the paper compartment



3. Adjust the baffles on both sides, straighten the printing paper and close the paper compartment (the printing side of the consumables shall be facing up)



4. Open machine cover, connect the paper compartment to machine body, straighten the printing paper to the paper outlet, and close the machine cover to complete installation



***Tips:** How to distinguish the front and back of printing paper

- ① Take out a printing paper and use your nails to scratch the paper firmly, and then install with the color side up.
- ② Please make sure that the smooth surface is facing up and aligned with the printing port.

06. Warranty description

100% warranty within 1 year

- * Although the product has undergone strict testing and quality inspection, accidents may occur during transportation, resulting in damage to the machine. If there is any problem with the printer, please contact us through the following methods.
- * If the problem is still not solved through our joint efforts, we will replace you with a new machine for free, and you need not to pay any fees. Your satisfaction makes us advance.

07. After-sales information

Online/Contact information:

WhatsApp : +46 1392008124 / +46 15338191665

Skype : Phomemo Team-Jessie / Phomemo Team-Helen

Customer Service phone number : +1 855 957 5321 (US only)

Service time: Mon-Fri 9AM-5PM (EST) for any questions & suggestions.

Email address: support@phomemo.com

Official Website: www.phomemo.com

④ [How to use](#) Please search for "Phomemo" to get the printer operation guide

08. Warranty card

<input type="checkbox"/> Return	<input type="checkbox"/> Exchange	<input type="checkbox"/> Repair
User Info		
Name:	Sex:	Phone:
Address:		
Product Info		
Purchase date:		
Product order number:		
Product Serial Number:		
Reason description:		
Requirements of return / replacement / repair:		
Maintenance records		
Failure condition:	Maintenance person:	
Handling situation:	Delivery date:	
Maintenance ticket number:	Delivery date:	

Product certification

Inspector: _____ Delivery date: _____

09. Phomemo official printing paper type

- ① Tf-proof thermo-sensitive paper: No bisphenol A contained. Have a certain degree of scratch resistance. The image retention is up to 7 or 10 years.

- ② Colored paper: No bisphenol A contained. Include yellow, pink and blue paper.

Image retention is up to 5 years.
 ① Adhesive paper: No Bisphenol-A contained. The printing paper has adhesiveness on one side, which can be directly pasted and used. The image retention is up to 10 years.
 ② Semi-permeable/transparent thermo-sensitive film: No bisphenol-A contained.
 Water-proof, oil-proof and scratch-resistant; excellent photo-taking effect. The image retention is up to 15 years.
 * The above-mentioned printing paper is the official consumable of Phomemo.
 * If you fail to use the official consumables, causing the printer to malfunction, you will not be entitled to enjoy the "three guarantees" policy.

10. Specific function operation guidelines

10.1 Print images operation guidelines

Stage:
 ① Select the "Print Images" function in Phomemo APP
 ② Add the photos you need to print
 ③ Set the picture in the work bar area. You can change the picture, modify the picture, adjust the brightness, contrast, or rotate and crop the picture
 ④ Choose the photo printing density. Printing density: Fine, Medium, Thick, Dedicated
 ⑤ Select the "Print" button in the lower right corner to complete picture printing

10.2 Graphic operation guidelines
 There are a large number of hand-painted original materials in the material library. Various personalized editing can be performed under this function. The operation steps are as follows:
 ① Select the "Graphic" function in Phomemo APP
 ② Click "Graphic" to enter the editing area
 ③ In the "Functional Area", you can add text, tables, pictures, stickers, and QR code functions for personalized editing, and the edited content will be displayed in the "Editing Area".

Features	Instructions
Text	Select the "Text" option to insert text box into the body for editing, and you can edit any content; font and alignment are optional
Table	Select the "Table" option to insert a table into the editing area for editing
Image	Select the "Image" option to insert a picture into the editing area for editing or printing
Emoji	Select the "Emoji" option to insert an emoji into the editing area for printing
QR code	Select the "QR code" option to enter the editing area, you can enter any text, and the entered text will be output in the form of a QR code

⑤ After editing the content, click the print icon "🖨️" in the upper right corner to complete printing.

Tips: You can view the operating tutorial in the APP, and connect the machine according to video tutorial.

10.3 Windows application document printing operation guidelines

Select the "Print Web" function in the Phomemo APP, and after entering the web address, you can click print button on the page to print the information of the web page.

Tips: You can view the operating tutorial in the APP, and connect the machine according to the video tutorial.

11. Common problems and solutions

Common problems and solutions		
Problem	Reason	Solution
Half margin of page printed	1. The paper roll holder is not installed correctly 2. The machine print head is not cleaned	Install it according to the instructions of paper roll Press the print head to refund
Machine can't be charged	1. Can't charge 2. The charger is heated 3. Unable to activate	Connect the machine, check the battery capacity at the Bluetooth connection in the upper right corner. You can charge the machine through the power bank. Use the 5V-3A charging cable to charge. Under normal circumstances, the machine can be fully charged in 2-5 hours. Do not leave the battery uncharged for a long period of time (about 3 months), as this may cause the battery to run out naturally and fail to activate charging.
Machine indicator flashes fast	1. The battery is less than 20%	The indicator light will flash quickly
No response after long pressing the power button	1. The machine has no power	Charge it for half an hour and then turn it on
Upper and lower covers are stuck when opening	1. The upper and lower covers of the new machine are stuck for a long time 2. The machine is gotten foreign objects	Cover a few times back and forth Open the paper compartment of the machine and clean the inner compartment (remove a small debris).
Cannot connect to machine's Bluetooth	1. Mobile phone Bluetooth is not turned on 2. APP can't find the machine 3. Mobile phone positioning permission is not turned on	Turn on the Bluetooth of the mobile phone (if automatically, you need to turn on manually). Turn on the machine to a normal state Double-click the printer power button to print the QR code, then click directly to connect to the printer For Android phones, open the phone positioning permission
The machine doesn't print	1. No words on the paper 2. System bug 3. There are black dots 4. Indicator flashes	The paper roll is loaded upside down, resulting in the printing side of the paper roll (inner roll) rolled inside; all of the paper should be installed with the printing side facing up Restart phone The paper is too big and jammed. Please take out some paper No electricity. Charge the machine half an hour! Install the paper roll, the paper roll is not pulled to the paper outlet; pull the paper roll out by a suction rod, then turn on the power
Paper jam when printing	1. The paper roll is loose and skewed 2. The machine has foreign objects 3. No paper	Remove the support of paper roll, manually wind the paper roll and then install the support; or directly put the paper roll into the printer Open the paper compartment of the machine and clean the inner compartment (medical alcohol cleaning) Install the paper roll, the paper roll is not pulled to the paper outlet; pull the paper roll out by a suction rod, then turn on the power
APP shows the printer is out of paper	1. The sensor cannot recognize 2. System bug	The printer detects a paper sensor failure, clean the sensor with an alcohol-damp cotton swab Uninstall and reinstall
Printing succeeded, but the page printed has no content	1. The paper roll is loaded upside down	Take out the paper roll and use your finger to touch the paper, and install with the color side facing
Missing printing	1. The paper roll holder is not installed correctly 2. Paper roll expansion hole 3. The machine box cover is not in place 4. Low power	Install it according to the instructions of paper roll Take out the paper roll and cut off the whitened part, reinstall for printing The cover of machine box is not closed tightly. Replace the cover and press the cover firmly with both hands No power. Charge and then print Adjust the print density to the highest
Printed rolls is different from edit text	1. When printing the same content with different media, the color fonts are different	Due to different phone models and versions, the printed fonts will be different; set the phone system font as the default font
Pasted font on paper roll	1. Improper use and preservation 2. Ambient temperature, humidity, or alcohol, cleaning agent, or liquid adhesive, or hand sanitizer will affect the binding of words	Thermo-sensitive paper cannot be pasted with glue. Edit the records before printing, and try to avoid using of liquid joints or get on the printing paper after printing Ambient temperature, humidity, or alcohol, cleaning agent, or liquid adhesive, or hand sanitizer will affect the binding of words Please choose to avoid light and store the printing paper in a dry environment After printing, the printed surface must not be in contact with any other printed surface or transparent bag for storage If you need to stick the printing paper, please select the "affix" function after printing. Since alcohol liquid adhesives will accelerate the fading