

Milestone MHT-P8001

Milestone MHT P8001 80mm Thermal Bluetooth Printer User Manual

Model: MHT-P8001

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Milestone MHT P8001 80mm Thermal Bluetooth Printer. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

1.1 Package Contents

Verify that all items listed below are included in your package:

- 1 × Milestone MHT P8001 Thermal Printer
- 1 × Power Adapter
- 1 × Drivers CD
- 1 × USB Cable
- 1 × Thermal Roll
- 1 × User Manual (this document)



Image 1.1: Milestone MHT P8001 Thermal Printer. This image shows the compact, black thermal printer with its paper output slot visible at the top and control buttons on the front panel.

2. PRODUCT OVERVIEW

Familiarize yourself with the main components and ports of the MHT P8001 printer.



Image 2.1: Labeled components of the Milestone MHT P8001 printer. Key parts include the Power Button, Feed Button, USB Port, COM Port, and Power Supply Port.

- **Power Button:** Used to turn the printer on or off.
- **Feed Button:** Used to advance paper manually.
- **USB Port:** For connecting the printer to a computer via USB cable.
- **COM Port:** (If applicable, for serial communication).
- **Power Supply Port:** For connecting the power adapter to charge the battery or power the printer.

3. SETUP

3.1 Loading Thermal Paper

1. Open the paper compartment cover by gently lifting it.
2. Insert the 80mm thermal paper roll with the printing surface facing upwards.
3. Pull a small amount of paper out past the cutting edge.
4. Close the paper compartment cover firmly until it clicks into place.

3.2 Power Connection

1. Connect the power adapter to the Power Supply Port on the printer.
2. Plug the power adapter into a suitable electrical outlet.

3. The printer can operate while charging.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **To Power On:** Press and hold the Power Button until the indicator light illuminates.
- **To Power Off:** Press and hold the Power Button until the indicator light turns off.

4.2 Bluetooth Connection (Mobile Devices - Android/iOS)

The printer supports Bluetooth connectivity for Android and iOS devices.

1. Ensure the printer is powered on.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "MHT-P8001" from the list of devices.
4. If prompted for a password, enter **1234** or **0000**.
5. Once paired, download and install a compatible printing application such as [RawBT Printer App](#) or [MYXPrint App](#) from the Google Play Store (for Android). For iOS, search for compatible apps in the App Store.
6. Connect to the printer within your chosen application to begin printing.

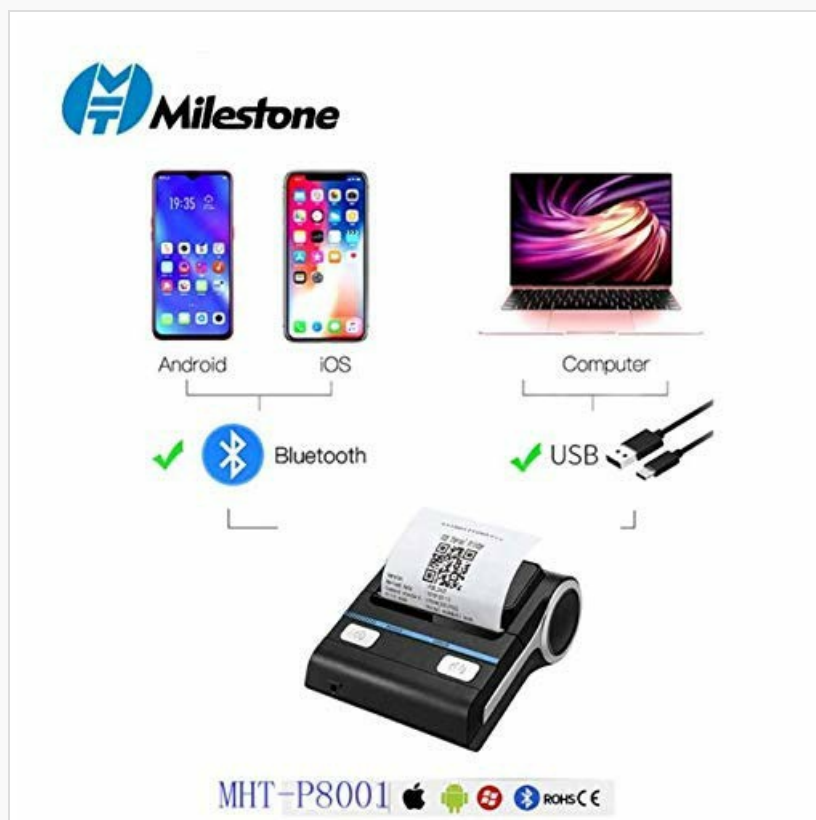


Image 4.1: Diagram illustrating connectivity options for the MHT P8001 printer, showing Bluetooth connection to Android and iOS devices, and USB connection to a computer.

4.3 Bluetooth Connection (PC/Laptop)

1. Ensure the printer is powered on.
2. On your PC or laptop, enable Bluetooth and search for devices.
3. Select "MHT-P8001" from the list of devices.
4. If prompted for a password, enter **0000** or **1234** to pair the printer.

5. After successful pairing, install the necessary drivers from the included CD or download them from the Milestone website.

4.4 USB Connection (PC/Laptop)

1. Ensure the printer is powered on.
2. Connect one end of the USB cable to the USB Port on the printer.
3. Connect the other end of the USB cable to an available USB port on your PC or laptop.
4. Install the necessary drivers from the included CD or download them from the Milestone website.
5. The printer will be recognized as a standard printer device, allowing you to print directly from your computer applications.



Image 4.2: The MHT P8001 printer connected to a laptop via USB cable, demonstrating its wired connectivity option.

4.5 Printing a Self-Test Page

A self-test page can help verify the printer's basic functionality and print quality.

1. Ensure the printer is powered off and paper is loaded.
2. Press and hold the **Feed Button**, then press and hold the **Power Button** simultaneously.
3. Release both buttons once the printer starts printing.
4. The printer will print a self-test page containing information about its firmware version, settings, and character sets.



Image 4.3: A self-test printout from the MHT P8001 printer, displaying technical specifications and confirming operational status.

5. MAINTENANCE

5.1 Cleaning the Print Head

Regular cleaning of the print head ensures clear and consistent print quality.

1. Turn off the printer and disconnect the power adapter.
2. Open the paper compartment cover.
3. Use a cotton swab lightly dampened with isopropyl alcohol to gently wipe the thermal print head surface.

4. Allow the print head to dry completely before closing the cover and powering on the printer.

Caution: Do not touch the print head with bare hands as static electricity or dirt can damage it.

5.2 Battery Charging and Care

- The printer is equipped with a 2600mAh/7.2V lithium battery.
- Charging time is approximately 4 hours.
- To prolong battery life, avoid completely discharging the battery frequently.
- If the printer will not be used for an extended period, charge it to about 50% and store it in a cool, dry place.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your printer.

- **Printer not powering on:**
Ensure the power adapter is securely connected and plugged into a working outlet. Check if the battery is charged. If operating on battery, try connecting the power adapter.
- **Bluetooth connection failure:**
Verify Bluetooth is enabled on both the printer and your device. Ensure the printer is within range. Try unpairing and re-pairing the device. Confirm the correct password (1234 or 0000) is used. Restart both the printer and the connecting device.
- **Poor print quality or blank prints:**
Check if the thermal paper is loaded correctly with the printing side facing the print head. Ensure the paper roll is thermal paper. Clean the print head as described in Section 5.1. Replace the paper roll if it is old or damaged.
- **Paper jam:**
Turn off the printer. Open the paper compartment cover and carefully remove any jammed paper. Ensure no small pieces of paper remain. Reload the paper correctly and close the cover.
- **Printer not responding to print commands:**
Check the connection (USB or Bluetooth). Ensure drivers are correctly installed for PC/laptop connections. Verify that the correct printer is selected in your application's print settings. Perform a self-test to confirm basic printer functionality.

7. SPECIFICATIONS

Detailed technical specifications for the Milestone MHT P8001 Thermal Printer.

Feature	Specification
Print Mode	Thermal Line Printing
Print Width	78mm
Print Density	384 dot / line
Print Speed	50-80mm/s (up to 90mm/s)
Interface	USB + Bluetooth (BT4/BLE4.0)
Print Paper Width	80mm

Feature	Specification
Roll Diameter	Max 50mm
Paper Thickness	0.06-0.08mm
Print Command	Compatible with ESC/POS
Character Size	24*24 point
Input Buffer	1.5K bytes
Power Adapter Input	AC220V
Power Adapter Output	DC9V/2A
Lithium Battery	2600mAh/7.2V
Charging Time	4 hours
Working Environment Temperature	0°C ~ 50°C
Working Environment Humidity	20% ~ 85%
Dimensions (LxWxH)	12.5D x 10.2W x 5.1H Centimeters
Item Weight	460 Grams

8. WARRANTY INFORMATION

Milestone products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact Milestone customer support. Keep your purchase receipt as proof of purchase for warranty claims.

9. SUPPORT

If you encounter issues not covered in the troubleshooting section or require further assistance, please contact Milestone customer support. Refer to the contact information provided on the product packaging or the official Milestone website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question