

Niyama BT-58

Niyama BT-58 Wireless Bluetooth Thermal Mobile Receipt POS Printer User Manual

1. INTRODUCTION

Thank you for choosing the Niyama BT-58 Wireless Bluetooth Thermal Mobile Receipt POS Printer. This compact and portable printer is designed for efficient receipt printing in various environments, including POS systems, supermarkets, retail stores, and restaurants. It offers wireless connectivity via Bluetooth and supports USB connections, making it compatible with Android, iOS, and Windows devices. This manual provides essential information for setting up, operating, and maintaining your printer.

2. PRODUCT FEATURES

- **Portable Design:** Streamlined appearance, mini size, and lightweight (205 grams) for easy portability and handheld comfort.
- **Wireless Connectivity:** Bluetooth BT3.4/BLE4.0 for seamless connection with Android, iOS, and Windows devices.
- **Wired Connectivity:** USB interface for convenient development and testing.
- **Thermal Printing:** Utilizes thermal line printing method, eliminating the need for ink cartridges or ribbons.
- **High-Capacity Battery:** Equipped with a 2600mAh/7.4V rechargeable lithium battery for extended operation.
- **Fast Printing Speed:** Capable of printing at 90mm/s.
- **Wide Compatibility:** Supports ESC/POS printing commands and includes DLL, SDK, and App demo for application development.
- **Durable Print Head:** Print head life cycle up to 50 kilometers.
- **Paper Support:** Designed for 58mm wide thermal paper rolls with a maximum diameter of 58mm.

3. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- 1 x Niyama BT-58 Thermal Printer
- 1 x Charger Cable
- 1 x Roll of Thermal Paper
- 1 x User Manual

4. SETUP

4.1. Charging the Battery

1. Connect the provided charger cable to the printer's charging port.
2. Plug the charger into a standard power outlet.
3. The charging indicator light will illuminate. Allow approximately 4 hours for a full charge.
4. Once fully charged, disconnect the charger.

4.2. Loading Thermal Paper

1. Gently press the cover open button or latch to open the paper compartment cover.
2. Insert a 58mm wide thermal paper roll into the compartment, ensuring the printing side of the paper faces the print head.
3. Pull a small amount of paper out beyond the printer's exit slot.
4. Close the paper compartment cover firmly until it clicks into place.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- **To Power On:** Press and hold the power button for a few seconds until the indicator light illuminates.
- **To Power Off:** Press and hold the power button again for a few seconds until the indicator light turns off.

5.2. Bluetooth Connection

The Niyama BT-58 printer supports automatic Bluetooth pairing for hassle-free operation.

1. Ensure the printer is powered on and within range of your device (smartphone, tablet, or computer).
2. On your device, go to the Bluetooth settings and enable Bluetooth.
3. Search for available devices. The printer should appear as "BT-58" or a similar identifier.
4. Select the printer to pair. If prompted for a PIN, enter "0000" or "1234".
5. Once paired, your device is ready to send print commands to the printer.

Note: Integrating the printer with specific Android or iOS applications may require software development skills and utilization of the provided DLL, SDK, and App demo resources.

5.3. USB Connection

1. Connect the printer to your computer using a compatible USB cable.
2. Install the necessary printer drivers on your Windows operating system. Drivers are typically provided on a CD or available for download from the manufacturer's website.
3. Once drivers are installed, the printer will be recognized by your computer and ready for printing.

5.4. Printing

After successfully connecting the printer via Bluetooth or USB, you can initiate printing from your compatible application or software. The printer supports ESC/POS printing commands.

6. MAINTENANCE

6.1. Cleaning the Print Head

Regular cleaning of the print head ensures optimal print quality and extends the printer's lifespan.

- Ensure the printer is powered off and cool.
- Open the paper compartment cover.
- Gently wipe the print head surface with a soft, lint-free cloth dampened with isopropyl alcohol.
- Allow the print head to dry completely before closing the cover and powering on the printer.
- Avoid using abrasive materials or harsh chemicals.

6.2. Battery Care

- To prolong battery life, avoid fully 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.
- Use only the charger provided with the printer.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Printer does not power on	Low battery; Power button not pressed correctly	Charge the battery; Press and hold the power button firmly for a few seconds.
Cannot connect via Bluetooth	Bluetooth not enabled; Printer not in pairing mode; Incorrect PIN; Out of range	Ensure Bluetooth is on; Restart printer; Check PIN (0000 or 1234); Move device closer to printer.
Poor print quality / Blank printout	Paper loaded incorrectly; Print head dirty; Low battery; Non-thermal paper used	Reload paper with printing side facing print head; Clean print head; Charge battery; Ensure thermal paper is used.
Paper jam	Paper not loaded correctly; Foreign object in paper path	Open cover, remove jammed paper, reload correctly; Inspect for and remove any obstructions.

8. SPECIFICATIONS

Feature	Specification
Printing Method	Thermal Line Printing
Print Width	48mm
Print Density	384 dot/line
Print Speed	90mm/s
Interface	USB + Bluetooth (BT3.4/BLE4.0)
Paper Width	58mm
Roll Diameter	Max 58mm
Paper Thickness	0.06-0.08mm
Print Command	ESC/POS
Character Size	24*24 point
Bar Code Type	CODE39, CODE128
Input Buffer	25K bytes
Power Adapter Input	AC220V
Power Adapter Output	DC9V/2A
Lithium Battery	2600mAh/7.4V
Charging Time	Approx. 4 hours
Working Environment	Temperature -10°C ~ 50°C; Humidity 20%~85%
Storage Environment	Temperature -20°C ~ 70°C; Humidity 5% ~ 95%
Mechanical Properties	50KM (Print Head Life)
Operating System Support	Android, iOS, Windows (Win9X, WinME, Win2000, WinNT, WinXP, WinVista, Win7, Win8, Linux)
Item Weight	205 g
Product Dimensions	27.9D x 35.6W x 12.7H Centimeters

9. WARRANTY AND SUPPORT

Warranty information for the Niyama BT-58 printer is typically provided at the time of purchase or included with the product packaging. Please refer to your purchase documentation for specific warranty terms and conditions.

For technical support, service, or further inquiries, please contact Niyama Enterprises directly through their official website or customer service channels. Keep your purchase receipt and product serial number handy when contacting support.

