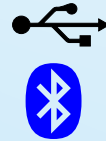


Thermal Label Receipt Printer

Quick Installation and User Guide



Support



Product Warranty Card

Thank you for purchasing our printer. Under normal usage conditions, or for issues covered under the warranty terms listed below, we will provide complimentary repairs.

Warranty Information:

- This product is covered by a one-year limited warranty from the date of purchase and lifetime repair service.
- During the warranty period, for any malfunctions caused by product defects, please send the defective product along with this warranty card and proof of purchase to our After-Sales Service Department or an authorized service center for warranty repair.

User Name: _____

Contact Address: _____ State _____ City _____
_____ District (County) _____

Contact Number: _____

Product Model (Serial Number): _____

Dealer Name (Seal): _____

Purchase Date: _____ Month _____ Day _____ Year _____

Disclaimer of Warranty Obligations:

To protect your legal rights and interests and avoid unnecessary losses, our company will not provide free warranty service for printer malfunctions or damage caused by the following reasons. Please opt for paid service in such cases.

1. Cases without proof of purchase or beyond the warranty period;
2. Periodic inspections, maintenance, repairs, or part replacements due to normal wear and tear;
3. Damage caused by accidental factors, human actions, or external forces (including operational errors, handling, impacts, or incorrect voltage input);
4. Malfunctions or damage resulting from failure to follow the product manual;
5. Machines serviced by unauthorized repair centers;
6. Lithium-ion batteries and print heads are consumables whose service life is limited, affecting operational duration;
7. Damage caused by natural disasters or force majeure (e.g., earthquakes, fires, floods).

※ Services outside warranty coverage will incur charges based on our standard rates: Cost = Replacement part cost + Technical service fee. The company reserves the final right to interpret these warranty terms.

3.6 Label Switching (Receipt/Label)

This product supports both label mode and receipt mode. To set label mode, insert label paper, press and hold the feed button for 5 seconds until a beep sounds, then release. The machine will automatically learn the label paper. To switch to receipt mode, insert receipt paper, press and hold the feed button for 5 seconds until a beep sounds, then release. The machine will automatically learn the receipt paper.

3.7 Peel Mode Switching

Press and hold the paper feed button for 10 seconds until the buzzer beeps twice, then release to turn peel mode on or off.

3.8 Function Description

- 1: Supports both AP and STA modes, supports WPS, and supports WiFi direct printing.
- 2: Supports AirPrint, driver-free printing for Apple systems, Linux, and Android.
- 3: Supports printing in multiple languages—simply download the corresponding TTF file to print any language without customization.
- 4: Supports printing various fonts and font sizes.
- 5: Supports printing PDF files.

IV、Connection Method

4.1 Wireless Connectivity (Bluetooth/Wi-Fi)

This series of printers features stable wireless connectivity options (SPP/BLE). Bluetooth SPP supports communication and printing with mobile devices running the Android operating system, while Bluetooth BLE supports communication and printing with mobile devices running the Apple iOS operating system.

Bluetooth Connection Method: After powering on the printer, use an Android device or other Bluetooth-enabled device to search for the printer. Select the corresponding printer, enter the password (factory default: 0000) to connect. Once connected, the printer is ready for normal use.

※ Explanation: Interfaces are optional; please refer to the actual product purchased.

4.2 WPS User Guide

- 1: Enable the router's WPS function - refer to the router manual for details
- 2: Press the router's WPS button to ensure it enters pairing mode
- 3: Press the printer's WPS button; the WPS light will flash rapidly
- 4: Upon successful pairing, the printer will beep once
- 5: Check the self-test page to confirm pairing success

V、Standard Accessories

Printer Main Unit	1 Unit
USB cable	1 Piece
Adapter	1 Piece
Paper width stop roller	1 Group

This product has passed inspection in accordance with standards and is approved for shipment.
Certificate of Conformity
Inspector:
Inspection Date:

※ The accessories for specific products may differ from this list. Please refer to the actual product you purchased. If you have any questions, please consult your supplier promptly.

Precautions for Use:

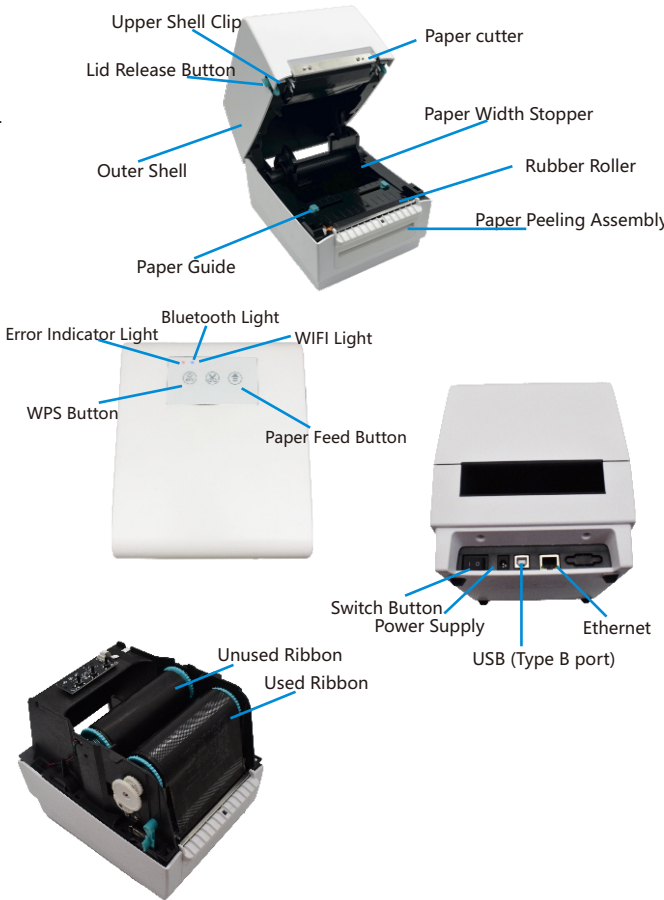
1. Place the printer on a flat, stable surface to prevent accidental falls and damage.
2. Keep the printer away from water sources and avoid direct exposure to sunlight, intense light, or heat sources. Do not allow any liquids, powders, or metal objects to enter the printer, as this may cause damage.
3. Excessively high ambient temperatures (above 45°C) or low ambient temperatures (below 5°C) may reduce print quality.
4. Excessively high ambient humidity (above 85% relative humidity) or low ambient humidity (below 20% relative humidity) may reduce print quality.
5. Do not open the paper compartment cover during printing, as this may cause abnormal printer operation.
6. Using low-quality paper or paper stored for extended periods may degrade print quality or damage the printer.
7. If the print head is soiled, gently wipe it clean with a soft cotton cloth or cotton swab dipped in a small amount of alcohol to prevent wear.
8. Do not touch the print head or its mounting bracket directly with your hands to avoid damaging the print head due to static electricity. Do not scrape or touch the print head with hard objects to prevent damage.
9. In case of any unexpected incidents during operation, immediately disconnect the printer's power supply.
10. Users must not disassemble the printer without authorization; otherwise, the company reserves the right to void the product warranty.

▲ This printer utilizes a thermistor to monitor printhead temperature. If the printhead overheats, the circuit will cut power to the printhead and halt printing. The printhead overheat protection threshold is 80°C.

Storage Precautions:

1. If the printer will not be used for an extended period, disconnect the printer's power adapter.
2. Standard thermal paper has a limited shelf life. For documents requiring long-term preservation, use archival-grade thermal paper.
3. Do not store thermal paper in areas with high temperatures, humidity, or direct sunlight. Once opened, store in a dark, cool place.

I. Product Introduction



Appendix: Signal Indicator Function Description

This printer features three indicator lights to inform users of its status. Specifically:

Operation	Printer Status	Blue Light	Red Light	Yellow Light
Flip the switch to the ON position.	Powered On	The light will blink once when turning on the device	The light will blink once when turning on the device	The light will blink once when turning on the device
Slide the power switch to the OFF position	Powered Off	/	/	/
Fault Description	Out of paper or paper tray cover open	Blue light flashing slowly	Red light flashing	/
Data transmission in progress	Bluetooth connection	Blue light stays on	/	/
WPS	WPS in progress	Blue light stays on or Blue light flashes slowly	/	Yellow light flashing rapidly
	After WPS connection is successful	/	/	Yellow light stays on
WiFi	Unconnected	Blue light stays on or Blue light flashes slowly	/	/
	Connected	/	/	Yellow light stays on

Buzzer and Light Flashing Explanation and Troubleshooting (Observe light flashing frequency without buzzer)

Buzzer	Status Explanation	Trouble Shooting
Two Sounds	Printer Mechanism Malfunction	Movement Damage or Movement Malfunction
Three Sounds	Printer Out of Paper	Ensure the printer is loaded with paper correctly.
Four Sounds	The paper has not been removed.	Check whether the peeled paper has been removed.
Five Sounds	Printhead Overheating	Wait for the printer to cool down before continuing operation.
Six Sounds	The printer's top cover is not closed.	Confirm that the top cover is fully closed.
Seven Sounds	Motor Malfunction	Ribbon Recognition Paper Feed Abnormality
Eight Sounds	Label Calibration Abnormality	Open the lid, place the paper, close the lid again, and the label will automatically learn.
Ten Sounds	Abnormal Voltage	Detected undervoltage, triggering power-down exception

II. Performance and Features

Project		Parameters
Printing Parameters	Printing Method	Line Thermal
	Resolution	203DPI/300DPI
	Print Width	108mm (864dots)/(1248dots)
	Print Speed	150mm/s max
Communication Connection	Wired	Standard Configuration: Standard USB Type-B port, Ethernet port
	Wireless	SPP (Android), BLE (Apple iOS), WiFi
Instruction Set	/	ZPL/JPL/ESC Compatible Instruction Set
	RAM	RAM: 64MB
Memory	FLASH	FLASH: 128MB
	Chinese	Supports multiple languages; download TTF fonts
Characters	Text, numbers	ASCII
	User-defined	Support (Foreign Language)
	Language (Code Page)	Supports 45 international character sets including Simplified Chinese, Traditional Chinese, and English
Chart	/	Supports printing of bitmaps with varying densities
	/	Supports raster bitmap printing
	/	Supports downloading bitmaps for printing, with each bitmap's maximum size not exceeding 64K. The total size of downloaded bitmaps is 64K.
Barcode	One-dimensional	UPC-A, UPC-E, EAN-8, EAN13, CODE39, ITF, CODEBAR, CODE128, CODE93
	Two-dimensional	QR Code
Detection Function	Sensor	Paper shortage, lid open, label detection error, ribbon detection, misstep detection
Indicator light	LED	Power indicator light, Bluetooth indicator light, Error indicator light, WPS light
	Type	Standard Thermal Label Paper/Thermal Receipt Paper/Coated Paper
Paper Specifications	Width	40~108mm
	Thickness	0.056~0.15mm (Label Paper)
	Outer Diameter	Maximum 100mm
	Load Paper	Easy-to-Assemble Paper Structure
Ribbon Specifications	Diameter	<65mm
	Length	300m
	Width	110mm
Reliability	Printhead Lifespan	100Km
Physical Properties	Work Environment	Temperature: -10°C to 50°C Humidity: 25% to 80% RH
	Storage Environment	Temperature: -40°C to 70°C Humidity: ≤93% RH (at 40°C)
	External Dimensions	230.96 mm × 178.6 mm × 203 mm (Length × Width × Height)
Software	Driver	Windows (WIN11/WIN10/WIN8/WIN7/Vista/XP/2000)
	Application Software	UBUNTU 12.04 32/64 UBUNTU 14.04 32/64 Printer Setup Tool etc.

III. Basic Function Usage

3.1 Power On

Before turning on the printer, connect the power cord and plug it into a power source. Flip the power switch to turn on the printer. The power indicator light will illuminate, and the buzzer will emit a "beep" sound.

3.2 Power Off

When the printer is powered on, toggle the switch to turn it off. At this point, all indicator lights will turn off, and the printer will shut down and cease operation.

3.3 Print test page

When you need to understand the printer's operational settings and status, you can perform a self-test to check its current configuration and working condition. The self-test page displays information such as the printer's current status, settings, and print samples, including print language, firmware version, font library, Bluetooth ID, and network port IP address. Procedure:

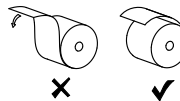
With the printer powered off, load a properly sized paper roll and close the paper compartment cover. Next, turn on the power switch. After the printer boots up, press the paper feed button twice to print the self-test page.

3.4 Paper Feed (Manual Feed)

When the printer is in normal operating mode, pressing the paper feed button will cause the printer to automatically feed the paper.

3.5 Paper Loading Method

Open the paper compartment cover. Insert the paper roll into the paper width stopper, then load it flat into the compartment as shown in the illustration. Typically, the smoother side of thermal paper is coated with a heat-sensitive chemical that changes color when heated. When loading, position this side facing the print head. Adjust the paper stopper and close the compartment cover.



Paper roll loading direction