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Mini mobile receipt printer

User Manual

Please keep user manual for reference

Notice

Pls read the Chapter carefully before printing!

Safety notice

- ◆ The printer is equipped with professional battery and power adapter. otherwise, it may cause product damaged, battery leakage, fire or explosion.
- ◆ If not use printer longer time, take out the battery, otherwise, it may cause battery leakage.
- ◆ The liquid of battery has corrosivity, if it is on Skin or clothes under incorrect instructions, pls wash it by water immediately. If it is in eyes, pls wash it clearly by water and go to see doctor.
- ◆ Don't open paper house when printing or just finished working, and forbidden to touch printhead, it may cause scald by high temperature.
- ◆ The power plug as power disconnect device, and it is next to printer and easy to touch.

Use Warning

- ◆ Do not immersed the printer in water or rainy, it may cause damaged
- ◆ Don't open the paper house when printing, it may cause unnormal working
- ◆ Don't remove serial cable when COM port is working, it may cause data incomplete.
- ◆ The work distance not exceed 10 meters by Bluetooth printing, otherwise, it may cause messy code or not work.
- ◆ It works stable between 0℃ and 45℃ temperature, but higher or lower temperature may cause low quality printing.

- ◆ It may cause low quality printing and printer damaged by poor paper roll or longer storage roller printing.
- ◆ The printer will recharge after the battery all used up, then will guarantee life time. **Charge and discharge times are over 500 times, and its function will be reduced with the times increasing.**

Storage's attentions

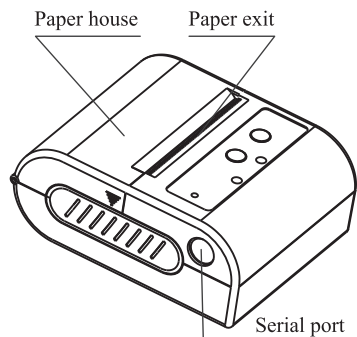
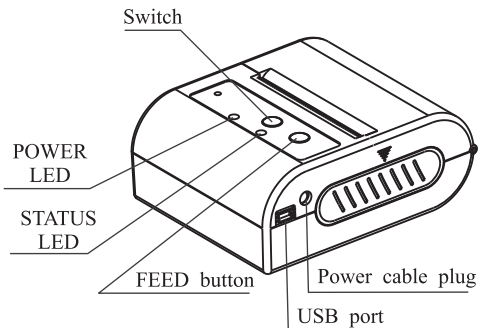
- ◆ The printer's storing temperature is between -10℃ ~ 60℃ and humidity is between 10% ~ 80%.
- ◆ If store the printer longer time, pls take the battery out and store it alone, otherwise, it may cause the battery not work, even leakage and printer damaged.
- ◆ If the battery stored more than 3 months, then recharge it after installed to avoid damage because of self-discharge.
- ◆ Pls select good quality of thermal paper roll if keep the receipts longer.
- ◆ Can not stored the paper roll in higher temperature or hotter environment. If it's opened, pls stored it in cool environment.

Packing

Printer & accessories

User manual	1PC
Printer	1PC
Battery	1PC
Power Charger	1SET
Paper roll	1ROLL
Hang String	1PC
Holster	1PC
Communication cable	1PC
Driver	1PC

Outlook and model number for printer



Warning: if the printer's model is different, the same can be shown in the same location.

Functions and features

Printing method	58mm Thermal Receipt Printer	80mm Thermal Receipt Printer
Printing speed	50mm/s, 70mm/s, 80mm/s	
Roll paper	Paper width: $57.5 \pm 0.5\text{mm}$	Paper width: $79.5 \pm 0.5\text{mm}$
Column capacity	384 dots/line	576 dots/line
Resolution	8 dots (203dpi)	
Paper roll diameter	$\leq 30\text{mm}$, $\leq 40\text{mm}$	
Character size	ANK, Font A: 12×24 dots Font B: 9×17 dots simplified/traditional Chinese: 24×24 dots	
Characters	Gb18030	
Command	Compatible with ESC/POS	
Interface(optional)	Serial+USB+Bluetooth	
Reliability	Printing head life: 50 km	
2D Barcode	QR CODE/PDF417	
1D Barcode	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)/ CODE39/ITF/CODABAR/CODE93/CODE128	
Paper thickness	0.06~0.08mm	
Power Charger	9V/2A	
Battery	7.4V/2000mAh	
Working environment	Temperature (0~45℃), humidity(10~80%)	
Storage environment	Temperature (-10~60℃), humidity(10~90%)	
Drivers	WINDOWS/Linux/Android/IOS	

Other Features

Paper method: Easy paper loading

Paper end sensor: STATUS LED is twinkle when paper runs out.

Control commands: Compatible with ESC/POS commands set.

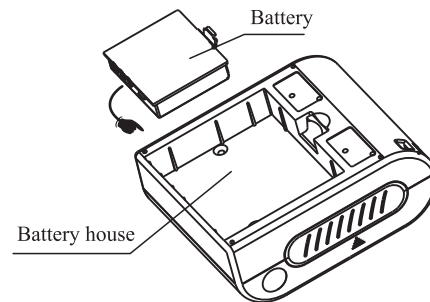
Power : 2000 mAh rechargeable li-ion battery

Charge: quick charge and can be full between 1 and 4 hours

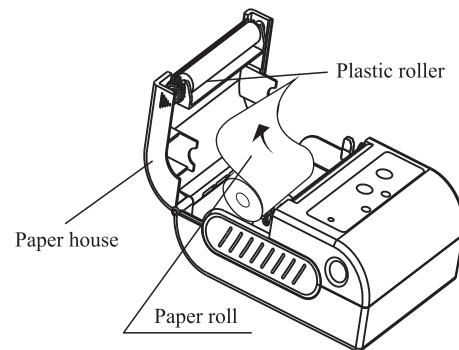
A single charge time available: 25% printer column is more than 90m and standby time is over 7 days. It is technical reference, if the battery used longer and may cause power capacity down and not sure printing time.

Preparation

Install battery



Install paper roll



Basic functions

Start

Press Power button for one second when it is off state, then it will enter to work and power LED is on.

Dormancy state

It will be in Dormancy state when lower power capacity. Then Power LED is off, STATUS is on, the printer stop working.

Off state

Press POWER button for one second under start state. The printer is off and all LEDs are off.

Self-test

The steps: Press FEED Button in off state, then restart power and release FEED, then the current state and printer settings showed on the bill.

Standby state

Manual Power button and it will enter standby state if printer not work longer, then will save battery level.

Notes: the printer not work and receive any data if power indicator off and state LED on, if want print, then restart POWER and ready printing.

Printer Test

The printer can be tested by printer CD .

Bluetooth connection

Data can be printed by bluetooth devices like portable, tablet and other terminals via its driver.

Mini portable printer is compatible with Bluetooth 2.0/2.1/4.0 version (selectable), effected distance is 10 meter, power consumption is CLASS 2. Device name and original password can be showed on self-test paper. Users can use the test tool(Printer Test V3.0C) on the CD to modify the device name and password.

The master device should be paired to mobile printer before working, and Matching process initiated by the master device. The details of methods below:

1. Turn on printer.
2. The master device searches Bluetooth device.
3. Select the right Printer if there are several printers.
4. Enter password: 123456.
5. Finished.

Please refer manual of master Bluetooth device for specific pairing .

The mobile printer MUST be power ON state when pairing.

Notice: if you do not attempt to modify the name, please do not turn on several printers at the same time. Or cannot identify which printer is successfully paired.

Indicators and Beeper

There are 2 indicators on printer. One is POWER, the other is STATUS. The each functions below:

STATUS indicator

STATUS LED Longer time: the printer is ready

The STATUS LED Twinkle one time: The POWER Twinkle one time, and off for 1.2 seconds and alarm, then paper end sensor.

POWER Twinkle twice: The POWER Twinkle twice, and off for 1.2 seconds, then overheated printhead, then printer stop working.

Power indicator

Power LED Twinkle: the battery is charging.

Status indicator on: full charged.

Claim

It is A level product and may cause radio jamming under working environment.

If so, we may take active measure to avoid it.

Manufacturer shall have the right to change the contents of the manual without prior statement!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.