Thermal Barcode Printer

Thermal Barcode Printer User Manual

Warning :

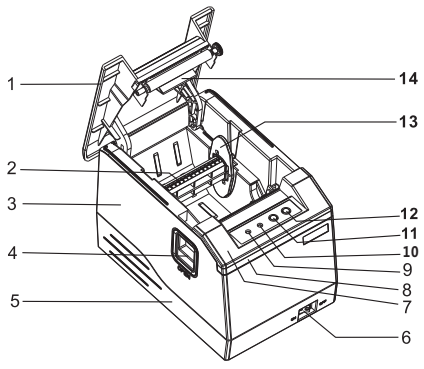
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Please keep user manual for reference.

What is in the box:

(1). Thermal Baecode Printer	×1
(2). AC adapter (with one AC cable power cord)	×1
(3). Data Cable (except for Ethernet port)	×1
(4). User's Manual	×1
(5). 80mm roll Paper	×1
(6). Software Disc(optional)	×1

Product appearance:



(Picture is only for reference , subject to the actual product)

（ 1）

1-Flap cover 2-Paper feeding shaft 3-Middle frame
4-cover open button 5-Base frame 6-Power switch
7-Front cover 8-Trim strip 9-ONLINE/POWER indicator
10-ERROR indicator 11-PAUSE button 12-FEED button
13-Roller adjusting plate 14-Rubber roller supporter

Scroll installation:

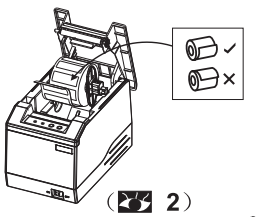
Printer adopts easy paper loading,Thermal paper will be installed as follows:

(1)Open the upper cover of printer.

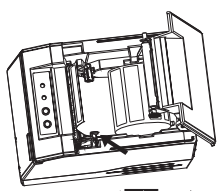
(2)Insert paper feeding shaft in the center of paper roll, then put them in paper holding cabin, as shown in Figure（ 2）; the prominent part of paper feeding shaft should be placed in groove until the positions of paper feeding shaft and paper feeding groove are coordinated.

(3)Pull out label sticker for a part, put it through the label guide, and adjust the label guide to proper position according to the label width.as shown in Figure（ 3）.

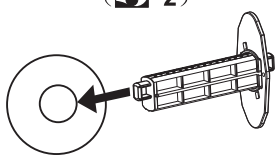
(4)Pull out label outside a cover for a small section, and then cover upper cover.



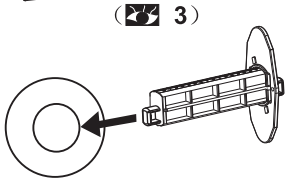
（ 2）



（ 3）



（ 4）



（ 5）

Notice:

The axis of the protruding portion at both ends of the paper loading shaft is different. When the protruding part of the paper shaft is facing up , supports the smallest 1 inch (25.4mm) inner diameter label roll. When the protruding part of the paper shaft is facing down, supports the maximum 1.5 inch (38.1mm) inner diameter label roll. As picture 4 and 5 shown. The roller adjustment plate is need to load when the width of the label paper is less than or equal to 76 mm, The roller adjustment plate is not needful when using thermal paper ; This printer supports maximum 90mm outer diameter paper roll.

Brief introduction of printer functions:

1.Button name, indicator and functions

(1)【Paper feed】button (FEED)

Paper can be fed by pressing the button

(2)【Pause】button (PAUSE)

By pressing the button first in printing, print task can be suspended; by re-pressing the button, print task can be continued.

(3)【Error】LED (ERROR)

This LED represents printer error state.

(4)【Power supply】LED (ONLINE)

If the LED is on, it represents printer is online; if the LED is off, it represents printer is abnormal to cause offline (head opened and paper out belong to abnormal phenomenon); if the lamp is blinking, it represents printer is offline due to pause.

State	Description
Printer is normal	ONLINE LED is on and ERROR LED is off
Printer is paper running out	ONLINE LED is off and ERROR LED is slowly blinking
Printer is uncovered	ONLINE LED is off and ERROR LED is fast blinking
Printer is uncovered and is paper running out	ONLINE LED is off and ERROR LED is slowly blinking
Printer is paused	ONLINE LED is blinking and ERROR LED is off
Print head is under over-temperature protection	ONLINE LED and ERROR LED are simultaneously blinking

2.Self test

Self test method is shown as follows: press and hold on FEED button and simultaneously turn on printer power supply to make ONLINE lamp and ERROE lamp normally on; if FEED button is released at this time, printer will print self test paper information.

3.Way of entering hexadecimal mode

Press and hold the FEED button and PAUSE button at the same time, then turn on the printer. When the ONLINE and ERROR lights are on, release the FEED button and the PAUSE button, and the printer will enter the hex dump mode. The printer prints "*NOW INDUMP MODE*", indicating that the printer has entered the hex dump mode.

4.Printer initialization

First simultaneously press and hold on FEED button and PAUSE button and then turn on printer power supply. When ONLINE LED is on and ERROE LED is off, if FEED button and PAUSE button are released, printer buzzer will make sound twice, and printer will be initialized.

5.Label / ticket function switch (used for machine with DIP switch)

The label/ticket mode switching is set by the DIP switch. When the DIP switch 1 is turned to the "ON" position, the printer is in the label mode; When the DIP switch 1 is turned to the "OFF" position, the printer is in the ticket mode.

6.Label / ticket function switch (used for machine without DIP switch)

Press and hold on PAUSE button and simultaneously turn on power supply; after printer buzzer makes sound twice, ONLINE LED will be on. (or blinking) and when ERROE LED is off, release PAUSE button; at this time ONLINE LED and ERROE LED are both blinking, printer is paper-out and displays current mode; by pressing FEED button, receipt and label mode can be switched; after selecting mode, turn off printer power supply to confirm selection mode; after turning on printer power supply again, printer will work in the last selection mode.

Interface connection:

1.Connection of power cord

(Fig 6) 

(1)Confirm the power switch of printer is closed.

(2)Confirm power interface input of printer is 24 V DC according to Figure (6).

Input 24VDC: after connecting power cord and power adapter and inserting cylindrical plug of power adapter in power interface of rear panel of printer, connect the input power of power cord.

2.Connection of interface cable

(1)Confirm power switch of printer is closed.

(2)Insert interface cable in suitable interface, and fix screw of plug or snap spring.

(3)Connect the other end of interface cable on host computer.

⚠ Notice:

Please do not make hot plugging of interface cables.

Cautions:

(1) Be sure to install your printer on a stable surface and prevent it from vibration and impact.
(2) Do not use and store in locations subject to high temperature, humidity or pollution levels.
(3) Connect the power adapter into a properly grounded outlet. Do not share the same plug socket with large-scale electrical motor or other motors which may cause the power supply voltage fluctuations.
(4) Avoid water or other conducive materials like metal get into the intern of printer. If it happens, unplug the AC power cord immediately.
(5) Do not print without paper, or it will damage the rubber roller and thermal printhead.
(6) Unplug your printer before leaving it unused for an extended period.
(7) Never dissemble or modify the printer for repair or reconstruction.
(8) Be sure to use the original specified power source.
(9) Quality roll paper is recommended for premium printing and product maintenance.
(10) Be sure to turn the product off when plugging and unplugging.
(11) Place the plug socket around the product for convenience.
(12) This product is used only below 5000 meters above sea level in tropical climate conditions

Clearance

Timely clean the printhead if one of the below conditions occurred:
(1) Unclear printing.
(2) Unclear vertical column in printing paper.
(3) Noisy feeding.

Cleaning steps are as follows:

(1) Turn off the printer and open the roll paper cover. Remove the roll paper if any.
(2) After printing, the thermal head can be very hot. Wait to let it cool before cleaning.
(3) Clean the thermal elements of the thermal head with a wrung -out cotton moistened with an alcohol solvent.
(4) Wait till the ethanol completely volatilized to close cover. Then print self-test page.

⚠ Notice:

(1) Please make sure power off when maintaining printer.
(2) Don't touch or scratch printing head surface, roller and sensors.
(3) Avoid gas, acetone or other organic solvent.
(4) Wait till alcohol completely volatilized, close top cover and connect power again. Try print self test to make sure it works properly.

Certificate

Inspector 01 Q.C. PASSED