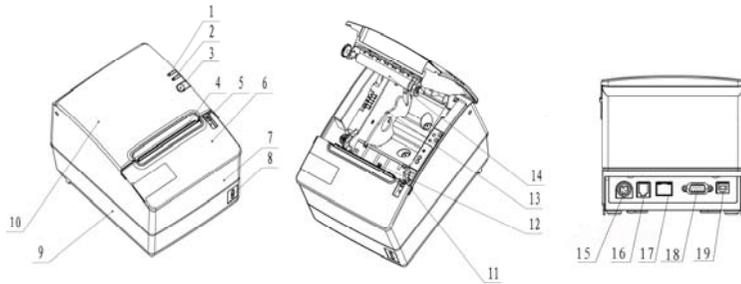


## Introduction of printer

### 1. Main parts

1—Power LED 2—Error LED 3—Feed button 4—Tear-off bar 5—Release Lever  
6—Front cover 7—Middle cover 8—Power switch 9—Bottom cover 10—Top cover  
11—Top cover open alarm 12—Paper end sensor 13—Paper guide 14—Platen roller  
15—Power interface 16—Cash drawer interface 17—Ethernet interface 18—Serial interface  
19—USB interface

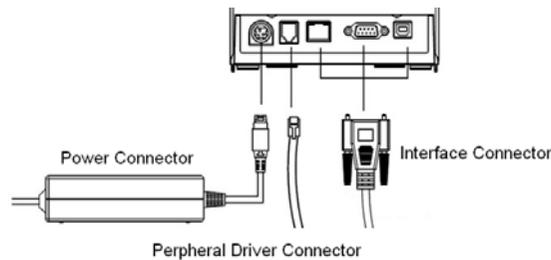


### 2. Specifications

- Print mode: Direct thermal line printing
- Print speed: Max 200mm/s
- Resolution: 180×180dpi
- Print width: Max 72mm
- Power supply: Direct current 24V 1.5A
- Paper type: Thermal continuous paper
- Paper diameter: Max 83mm

## Installing the Printer

### 1. Connecting the printer

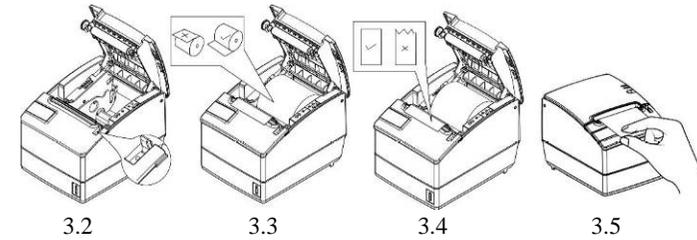


3.1

Check to make sure that the power switch of the printer is in the OFF position, then connect the printer (see figure 3.1).

### 2. Paper loading

1. Turn off the printer;
2. Press the release lever of the top cover and open it, see figure 3.2;
3. Drop the paper roll in the paper holder, see figure 3.3—3.4;
4. Pull the beginning of the paper roll out up to the end of the top cover, close the printer cover, and tear off the surplus portion of paper by using the tear bar, see figure 3.5.



### Printing self-test pages and enter into button configuration mode

Printing self-test pages is used to check whether the printer is under normal mode.

1. Ensure paper roll has been loaded and that the top cover has been closed;
2. Press down the FEED button while turning on the printer power. The configuration page. At the end of the configuration page the followings text will appear: “Press and Release FEED to continue SELF-TEST printing” and “Press and Hold FEED to configure the printer” The printer is holding and waiting for the input while the PAPER LED is flashing;
3. Press the FEED button for a short time, the printer will print a second page with a pattern using the built-in character sets and cut paper;
4. Press the FEED button for a long time, the printer will enter into button configuration mode.

### FEED Button, LEDs and Buzzer

#### ■ FEED button

Press the FEED button for a short time, the printer will feed paper one line at a time. Hold the FEED button, the printer will feed paper constantly.

#### ■ LEDs

POWER LED: green, indicating power status (on/off).

PAPER LED: red, indicating paper end, opening top cover conditions or self-test standby status.

#### ■ Buzzer

Buzzer beeps under one of the following conditions:

1. Under error conditions like paper end or top cover up;
2. Start or stop printing (relevant to choosing drive control).



### Functions of LEDs and buzzer

Name	status	Explanation
Power LED (Green)	Always on	Printer is in standby status
	Off	Printer power is in off status.
Paper LED (Red)	Flash	Printer is in error status
	Off	Printer is in normal status
Buzzer	Beep	Printer is in error status

### Routine Maintenance

#### ■ Print head and roller cleaning

1. Turn off the printer power and open the top cover;
2. If printing is just finished, please wait until the print head is completely cooled;
3. Use alcohol cotton (wringed out) to wipe away the dust on the surface of print head and roller.
4. Wait until the alcohol is completely evaporated, then close the top cover.

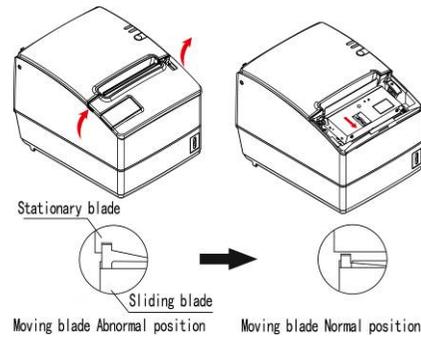
#### ■ Paper end sensor cleaning

1. Turn off the printer power, and open top cover;
2. Use alcohol cotton (wringed out) to wipe away the dust on the sensor surface;
3. Wait until the alcohol is completely evaporated, then close the top cover.

**Caution:** Do not use tools like forceps in case they scuff print head, rubber roller or sensor surface.

#### ■ Clear paper jam

1. Turn off the printer power, and open top cover;
2. Clear paper jam and close the top cover;
3. If top cover cannot be opened with paper jammed into the cutter, push up the right and left sides of the top cover with two hands according to the arrows in the figure below, pull



3. out the front cover and expose the white thumb wheel on the cutter sliding blade
4. Revolve the white thumb wheel on the front end of the cutter; observe the action of the cutter from the paper path. Wait until the cutter sliding blade completely deviates from the stationary blade; open the top cover and clear paper jam.

**Caution:** 1. When revolving the thumb wheel, the cutter sliding blade acts slowly. Go on revolving and observe carefully;

2. If the thumb wheel cannot be revolved, do not pull it by force, and revolve backward.

# RECEIPT PRINTER User's Quick Reference



### Safety Warnings



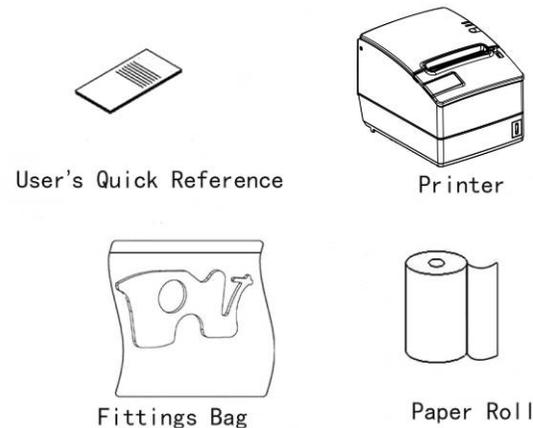
Caution: Do not touch the cutter and tear-off bar of the printer



Heating, hands off.

### Unpacking and checking the printer

Check if all the articles listed in the packing list are here and in good condition. If any problem, please contact the dealer.



**Note:** Picture is only for reference, the packing list shall prevail.