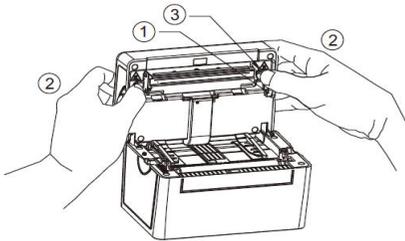3.Replace print head

(1)Steps are as follows：

①.Turn off the printer power and open the upper cover

②.With the groove down the print head assembly buckle on the direction of the arrow shown in the left buckle according to gently remove the print head.

③.Remove print head assembly

(2)The installation of the printhead is as follows：

①A new print head assembly, the print head assembly on the slide on the slide cover alignment printer, printer to the surface of the upper cover is pushed into the print head assembly

②..Hear a slight "pop" sound after the confirmation of the print head assembly fully installed in place (the print head assembly front and upper cover front, Qi Ping) under the pressure of the upper cover of the printer

③.Turn on the power supply and test the printer



⚠ Note: do not replace the non print head to do the above, so as not to cause unnecessary damage to the print head

⚠Warning: safety instructions

Precautions for use

● Before the start of operation of this system in you, please read the following notes, in order to avoid people's negligence causing damage and even the safety of human body system。

● Before use, please check the parts of the product is normal, and whether there is any damage to the power cord, or the connection is not correct. If there is any damage, please contact your authorized dealer as soon as possible to replace the good line。

● The location of the machine should be kept away from too much dust, too high temperature, direct sunlight。

● Keep the machine in a dry environment, rain, moisture, liquids and other minerals will corrode the electronic circuit。

● When using the machine, be sure to keep the surrounding heat dissipation space, in order to facilitate heat dissipation。

● Before use, please check whether the interface device has been connected to boot。

● Do not put any objects into the machine parts, to avoid mechanical damage or short circuit。

● Please turn off the power when installing or removing the peripheral products。

● If damage occurs, do not repair it yourself, please hand it to the authorized dealer。

● When you don't use the machine for a while, take a vacation or a typhoon day, unplug the power cord after you turn off the power.

Warning user:
This is the information product, in a domestic environment, may cause radio
In this case, the user will be required to take appropriate countermeasures.
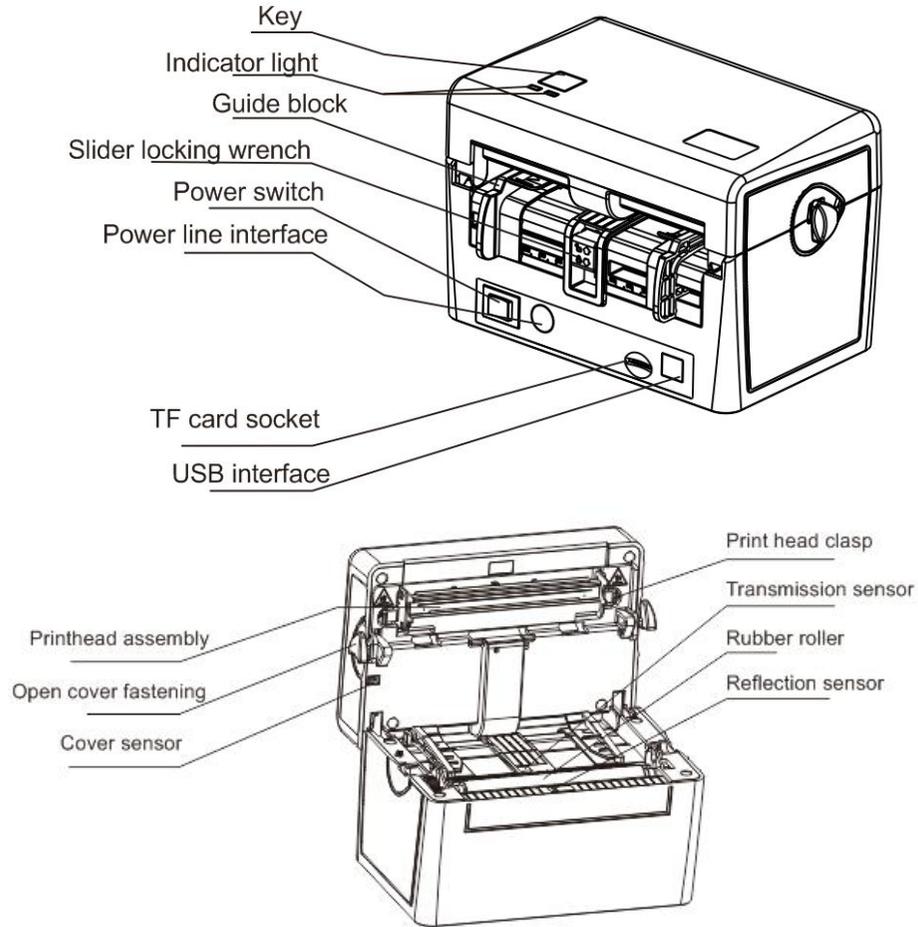
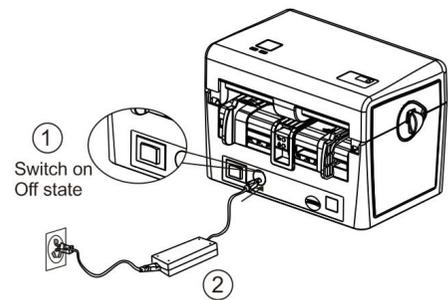Direct Thermal Printer

# Barcode printer Quickly guide



**Please keep quickly user manual for reference**

# Guide for the operation of electronic face only printers

## 1.Product appearance and components



Key
Indicator light
Guide block
Slider locking wrench
Power switch
Power line interface

TF card socket
USB interface

Print head clasp
Transmission sensor
Rubber roller
Reflection sensor

Printhead assembly
Open cover fastening
Cover sensor

## 2.Printer installation



① Switch on Off state

②

2.1 connect power

(1) to confirm that the power switch is turned off

(2) connect the power cord and data cable to the printer in the direction of the image

⚠ Note: make sure that the power cord and the power cord is connected firmly to avoid the danger of leakage.

| Clean part | step | Recommended cleaning frequency |
|---|---|---|
| Print head | 1 please turn off the printer power<br>2 cool the print head for at least one minute<br>3 swab with cotton swab to wipe the surface of the print head | When replacing a new label paper |
|  |  | |
| Rubber roller | 1 please turn off the printer power<br>2 while rotating the rubber roller, while carefully using cotton cloth or cotton swab dipped in medicinal alcohol wipe | When replacing a new label paper |
| Torn paper | Use cotton cloth dipped in medicinal alcohol wipe | When there is a need |
| sensor | Remove dust from the sensor using a gas brush or brush | monthly |
| External machine | Wipe with wet cotton cloth | When there is a need |
| Internal machine | Remove dust from the machine using a gas brush or brush | When there is a need |

## 7.Daily maintenance and maintenance

7.1 when the printer when the following conditions occur, should clean the print head and rollers

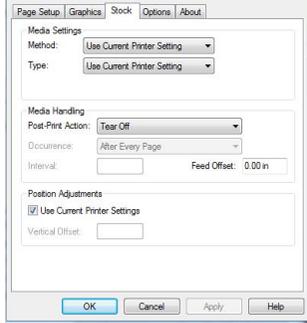(1). Print is not clear (2). Feed back the paper, noise - (3). The print head is stuck on a foreign body

7.2 please clean the print head / cot after 3-5 minutes in print, the steps are as follows:

(1) turn off the printer power, open the upper cover and lift the print head assembly

(2). Dust with an alcohol swab to clean the print head / dry roller surface

(3).5-10 minutes later, when the alcohol is completely volatile, the printing begins

Suggestion: monthly or when necessary according to the steps of cleaning the print head, cots, sensor.

Be careful:

● Do not touch the print head directly. If you do not touch the hand, please use cotton swab dipped in alcohol wipe

● Please use medicinal alcohol. Do not use industrial alcohol, industrial alcohol may damage the print head

● If your printer is prone to error messages, always clean up your printer's sensor

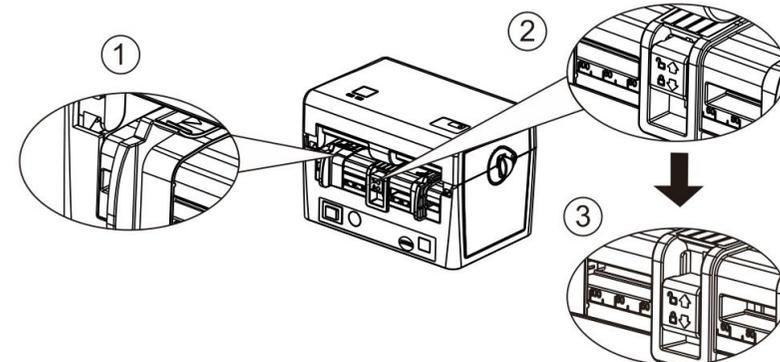| problem | Possible factors | Resolvent |
|---|---|---|
| The small print volume when the print position is not correct | * label sensor is not set correctly <br> * label size is not set correctly <br> * the vertical displacement of the printer driver in the label of the pattern (verticaloffset) is not set up correctly | * re calibration label sensor <br> * set label size and the size of the gap between the correct label <br> * if you are using BarTender software, set the vertical offset (vertical offset) in the printer driver <br><br>  |
| Left and right print content missing | * label size is not set correctly | * set the correct label size |
| Fold problem | * label paper is not installed correctly <br> * incorrect print density <br> * label paper feed is not correct | * Please correct the label paper <br> * set the appropriate label printing density <br> * adjust the label width adjuster to fit the label width |

6.Printer simple maintenance

This simple printer maintenance program to ensure the quality of printing, but also to extend the life of the printer, the following are some of our recommendations for maintenance.

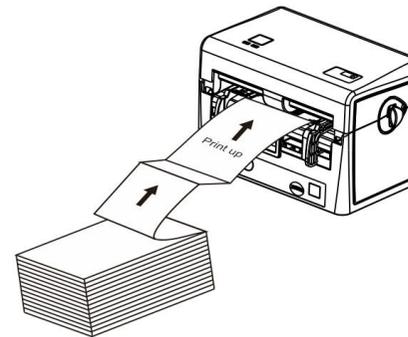Please use the following tools to clean and maintain your printer:

(1) cotton swab

(2) cotton

(3) medicinal alcohol

2.2 adjust the channel width

(1) pushing the slide upwards to the top left and right guide can move freely

(2) adjust the guide block to the corresponding scale according to the width of the consumable material used

(3) press the slider to the bottom and lock the left and right guide blocks to the flat state



⚠ Suggestion: the left and right guide blocks can be slightly wider than the width of the consumable material, so as to prevent the paper from being blocked
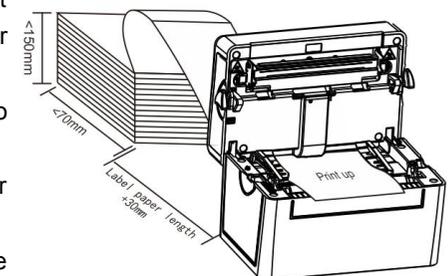


2.3 installation supplies

(1) automatic paper feeding:

①Make sure to complete the above "adjustment channel width" operation

②Confirm the single paper print side up, into the inward from the rear feed channel

③When the printer roller starts to rotate, push the single paper automatic paper

④When the printer automatically identify the paper, paper will automatically return to the printing position

(2) manual paper feeding:

①Make sure to complete the above "adjust channel width" operation to open the upper cover of the printer

②Confirm the single paper print side up, it will go through the channels according to cots on paper

③Press the printer on the cover and cover hear the crisp sound, automatic feed printer

④When the printer automatically identify the paper, paper will automatically return to the printing position

3. Instructions for use of indicator lights and keys

**3.1** LED Indicator light

| LED Indicator color | Explain |
|---|---|
| Blue (fixed) | Power start, printer on standby to print |
| Blue (flashing) | The printer is downloading data or the printer is paused |
| Violet | Printer is clearing data |
| Red (fixed) | Upper cover open |
| Red (flashing) | Print error, for example: the paper, cardboard or run out of memory errors... Etc. |

3.2 General button function

（1）Feed

When the printer is ready (LED blue fixed), click the buttons, label paper into the front end of a paper label.

（2）Print job timeout

When the printer is in print, clicking on the button causes the printing to pause. The power indicator light flashes blue. Just click the button to print the job back to normal

3.3 Internal Network Adaper Boot

The printer has four boot functions can be used to set or test the printer hardware. At the same time, press the button in the boot with the lights, release the button you can start these functions.

Follow these steps to start the boot function：

（1）Power off printer.

（2）Press and hold the button to open the printer power supply.

（3）Release the button as shown in the following table, as shown in the required function.

| Internal Network Adaper Boot | Indicator color cycle mode: | | | | | | |
|---|---|---|---|---|---|---|---|
| Indicator light<br><br>function | Blue and purple | Blue | Blue and purple | Red | Blue and purple | Blue | Blue |
| | | | (flashing 5 times) | (flashing 5 times) | (flashing 5 times) | fixed | |
| 1.Gap sensor detection | | | Release button | | | | |
| 2. The gap sensor detects, print and enter the value of self testing debugging mode | | | | Release button | | | |
| 3. Printer initialization (restore factory defaults) | | | | | Release button | | |
| 4. Skip **AUTO.BAS** program | | | | | | Release button | |

Follow these steps：

1. Power off the printer

2. Press the key to open the printer power supply

3. In the first light purple, red flashing, release the feed key

Indicator color cycle mode：

Blue and purple    Blue  Blue and purple  Red(flashing 5 times)  Blue and purple(flashing 5 times)

Blue(flashing 5 times)    Blue(fixed)

**4、** Printer initialization

The printer initialization function is to clear the memory (DRAM) download files, and print parameters to restore the factory settings.

Please do the following steps：

4.1  Power off

4.2  Press the paper key and turn on the power. The power indicator below color cycle

Indicator color cycle mode:

Blue and purple    Blue  Blue and purple    Red(flashing 5 times)    Blue and purple(flashing 5 times)   Blue(flashing 5 times)    Blue(fixed)

4.3  When the power indicator is blue flashing release paper key will reset the printer, then the power indicator will flash a purple, finally the power indicator is blue ready state.

5.Trouble shooting

In the table below is the content of the general operator common problems and solutions; if you have to we suggest a way to exclude the fault situation, and not the normal operation of the printer, so please contact your vendor's customer service department, in order to obtain more help.

| problem | Possible factors | Resolvent |
|---|---|---|
| Cannot print | Transmission line connection is not in place | * reconnect the transmission line<br>* replace new transmission lines<br>* use tags that do not match<br>* clean print head<br>* printer print density setting is incorrect<br>* the connection line of the print head is not properly connected. Please turn off the printer power supply and reconnect the print head connector<br>* Please make sure that the stepper motor is connected correctly |

| problem | Possible factors | Resolvent |
|---|---|---|
| Poor print quality | * the print head, there is dust or adhesive packing<br>* improper print density setting<br>* print head damage | * reinstall supplies<br>* clean print head<br>* clean rubber roller<br>* adjust printer print density and print speed<br>* print self testing to determine whether the value view of the print head is damaged, such as the print head is damaged, please replace the print head<br>* confirm that the print head holder is completely closed |
| When the jump occurs when printing | * label size is incorrect or incomplete<br>* replace label without recalibration sensor<br>* the label sensor is covered with dust and the detection is incorrect | * Please make sure the label size is correct<br>* please re label sensor<br>* use air cleaner to remove dust from sensor |