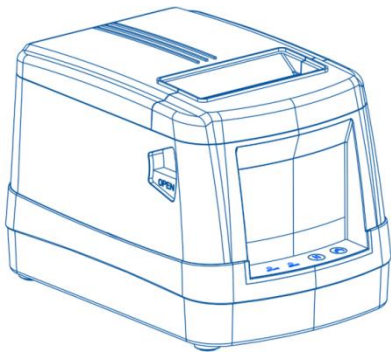


Fast Installation Guide

Thermal Label & Receipt Printer



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or Scan this QR code



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Contents

1.	Introduction	1
2.	Appearance and components	2
3.	Paper roll installation(For Label Paper).....	4
4.	Technical datas	5
5.	Printer connection	7
6.	Power-on function operation.....	8
	6.1 Print Self-test	8
	6.2 Label and receipt mode switching	8
	6.3 WIFI configuration.....	9
	6.4 Print Pause	9
	6.5 calibration paper.....	9
	6.6 paper feed	10
7.	Instructions:	10
	7.1 label mode.....	10
	7.1.1 Label software direct printing:	10
	7.1.2 Driver printing:	11
	7.2 Receipt mode	15
8.	Error reminder:	18

1. Introduction

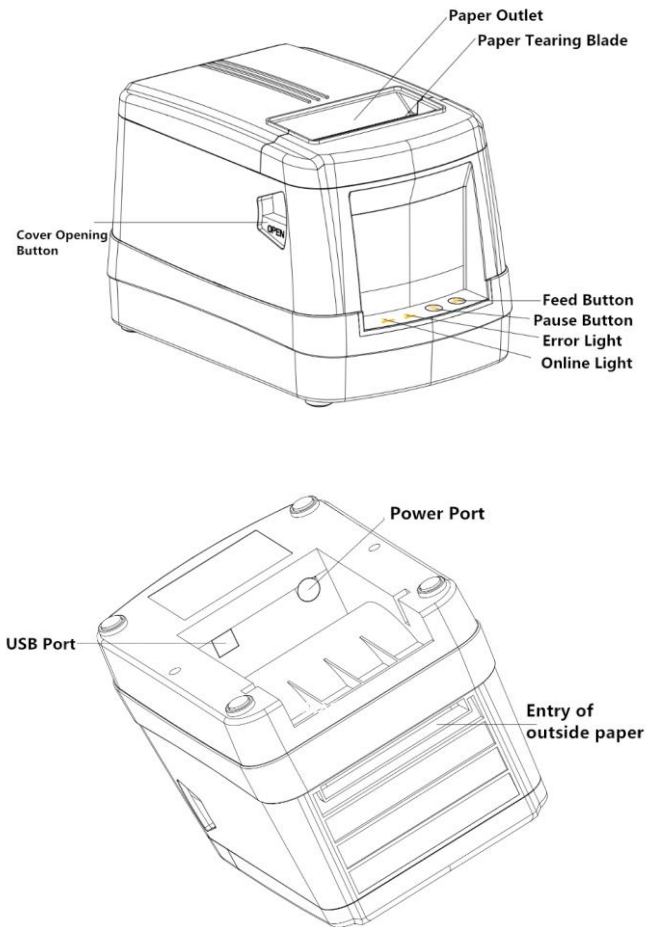
This thermal Label&receipt printer can meet the needs of label printing and receipt printing. It widely used in transportation,postal, commercial logistics,restaurant and other fields. This printer can be connected to related devices through a standard USB interface (Bluetooth optional, WIFI optional). For thermal printing channel, a variety of printing papers can be used, including thermal label paper, thermal receipt paper, and self-adhesive thermal paper.

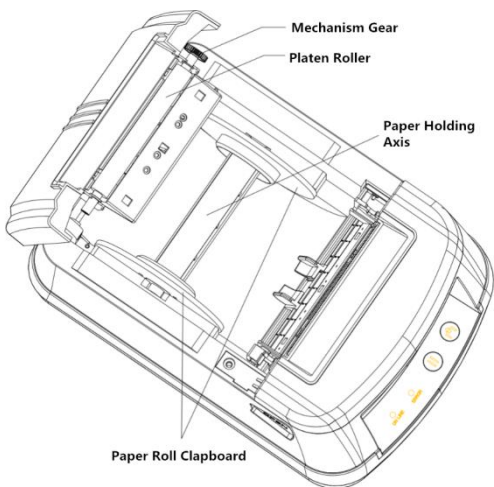
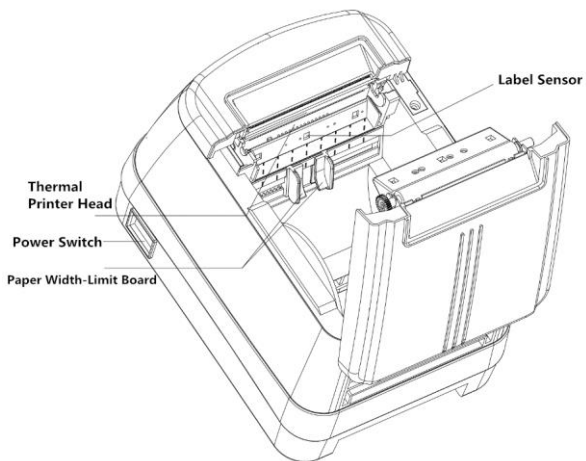
The printer provides thermal printing method. The printing speed can be adjusted to 2.0~7.0 inches per second. The printer support 1D and 2D barcodes.

Main features

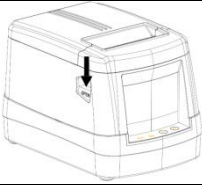
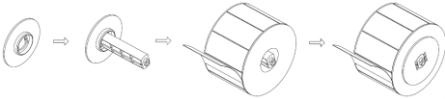
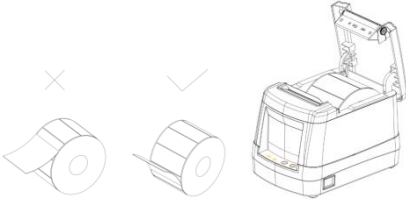
- Support both label barcode and receipt bill printing;
- Maximum printing speed 7 inch/sec;
- Support TSPL, ESC/POS,CPCL multiple command sets;
- Support thermal receipt paper and thermal label paper;
- Thermal label paper meet the medium at different range 20-82mm, easy to operate;
- Automatic paper detection and positioning function;
- Temperature self-adaption control;

2. Appearance and components





3. Paper roll installation(For label Paper)

Steps	Diagrams
<p>① Press down the opening button to open the top cover</p>	
<p>② As steps show on the right, put long plastic shaft into the paper roll, and then fix it with two side boards</p>	
<p>③ Put the well matched paper roll and its loading sticker board into the printer slot, pls pay attention to the label paper direction.</p>	

4. Technical datas

Resolution			203 DPI
Print Method			Thermal Print
Print Speed(Max)			180 mm (7") / s
Print Width(Max)			Label(Max): 80mm(3"), Receipt:72mm
Print Length(Max)			180 mm (7")
Paper Type	Label Paper	Width	20 mm ~ 82 mm(Label Media)
		Diameter	25-120mm
		Length	10 mm ~ 180 mm
		Gap Size	Minimum 2 mm
		Media Type	Continuous,Gap
		Thickness	0.06 mm ~ 0.25 mm
	Receipt Paper	Width	80mm
		Diameter	<80mm
Printer Size			225 mm (L) x151 mm (W) x151 mm (H)
Printer Weight			1.08kg
Paper Direction			Paper Up
Paper off type			Tear off & peel off
Processor			32-bit CPU
Memory			<div><div></div>4M Flash memory</div> <div><div></div>320K RAM</div>
Interface			USB (Standard), USB+Bluetooth (Optional), USB+WIFI(Optional), USB+Bluetooth+WIFI(Optional)
User Indicator			Standard Model <div><div></div>2 Press Buttons</div> <div><div></div>1 LED Blue Light、1 LED Red Light</div>
Sensor			<div><div></div>Gap Sensor</div> <div><div></div>Cover Opening Sensor</div> <div><div></div>Printer Head Temperature Sensor</div>
Print out deviation			Vertical: 1 mm maximum Horizontal: 1 mm maximum
Internal font			<div><div></div>1 set of alphanumeric fonts</div>

Code Page	<ul style="list-style-type: none"> ■ Codepage 437 (English - US) ■ Codepage 737 (Greek) ■ Codepage 850 (Latin-1) ■ Codepage 852 (Latin-2) ■ Codepage 855 (Cyrillic) ■ Codepage 857 (Turkish) ■ Codepage 860 (Portuguese) ■ Codepage 861 (Icelandic) ■ Codepage 862 (Hebrew) ■ Codepage 863 (French Canadian) ■ Codepage 864 (Arabic) ■ Codepage 865 (Nordic) ■ Codepage 866 (Russian) ■ Codepage 869 (Greek 2) ■ Codepage 950 (Traditional Chinese) ■ Codepage 936 (Simplified Chinese) ■ Codepage 932 (Japanese) ■ Codepage 949 (Korean) ■ Codepage 1250 (Latin-2) ■ Codepage 1251 (Cyrillic) ■ Codepage 1252 (Latin-1) ■ Codepage 1253 (Greek) ■ Codepage 1254 (Turkish) ■ Codepage 1255 (Hebrew) ■ Codepage 1256 (Arabic) ■ Codepage 1257 (Baltic) ■ Codepage 1258 (Vietnam) ■ ISO-8859-1: Latin-1 (Western European) ■ ISO-8859-2: Latin-2 (Central European) ■ ISO-8859-3: Latin-3 (South European) ■ ISO-8859-4: Latin-4 (North European) ■ ISO-8859-5: Cyrillic ■ ISO-8859-6: Arabic ■ ISO-8859-7: Greek ■ ISO-8859-7: Hebrew ■ ISO-8859-9: Turkish ■ ISO-8859-10: Nordic ■ ISO-8859-15: Latin-9 ■ UTF-8
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Bar Code	1D bar code Code128 subsets A,B,C, Code128UCC, EAN128, Interleave 2 of 5, Code 39, Code 93, EAN-13, EAN-8, Codabar, UPC-A, UPC-E, EAN and UPC 2(5) digits 2D bar code PDF-417, QR code
Rotation on font and Bar code	0°, 90°, 180°, 270°
Command	TSPL, ESC, CPCL
Environment	Operation Environment: -10 ~ 50 °C (14 ~ 122 °F), Humidity: 10 ~ 90% No condensing Storage Environment: -40 ~ 60 °C (-40 ~ 140 °F), Humidity: 10 ~ 90% No condensing
Accessories	<ul style="list-style-type: none"> ■ CD (Windows label editing software, Driver and User Manual) ■ Fast installation guide ■ Power adaptor ■ Power cable ■ USB cable
Power	Adaptor <ul style="list-style-type: none"> ■ Input: AC 100-240V ■ Output: DC 24V-2.5A
Reliability	<ul style="list-style-type: none"> ■ One year warranty ■ Printer head 50KM or One year warranty. Depends on which reach first ■ Printer roller 50KM or One year warranty. Depends on which reach first

5. Printer connection


Connect the power cable

- Make sure the printer power switch is off;
- Connect well the power adapter and the power cable,

Then let one of its side match the printer port, and other side connect with the socket, and then turn on the power switch;

Connect USB cable

- ① Confirm that the printer's power switch is off;
- ② Connect the USB data cable into the related interface;
- ③ Connect the other side of the USB data cable to the host computer.

 **note:** Do not plug or unplug the USB data cable with power on.

6. Power-on function operation

6.1 Print Self-test

Press and hold the FEED button in the off state, then turn on the switch, wait for the ERROR indicator light to light up and the buzzer to make a "beep" sound, then release the FEED button, and the printer will print self-test page, and this page will show some printer information.

6.2 Label and receipt mode switching

Press and hold the PAUSE/MODE button in the off state, then turn on the switch, wait for the ERROR indicator light to light up and the buzzer to make a "beep" sound, and then release the PAUSE/MODE button, the printer will switch from the current mode to another mode ; For example, the current printer is in the label mode, after this operation, the printer will switch from label mode to receipt mode,also when the printer is currently in the receipt mode, after this operation, the printer will switch from the

receipt mode to the label mode.

6.3 WIFI configuration

Press and hold the PAUSE/MODE button in the off state, then turn on the switch, wait for the ERROR indicator to light up and the buzzer to sound "Di--Didi" and then release the PAUSE/MODE button, and the printer will enter into the WIFI configuration mode , at this time, you can use the mobile app or WeChat to scan the code to configure the printer.

6.4 Print Pause

In the label printing mode, if you need to pause the printing , press the "PAUSE/MODE" button during the printing process, and the printing will be stopped. When you press it again, it will restart the printing.

6.5 calibration paper

When the printer is in label printing mode, the printer is powered on and there is no printing task, press and hold the FEED button for about 2 seconds, the printer will enter into the paper calibration operation, and the printer will automatically feed the paper until the printer correctly detects the label and its gap parameters, it will be automatically positioned, and finally stop feeding the paper. At this time, the printer is calibrated and can be

used normally.

6.6 paper feed

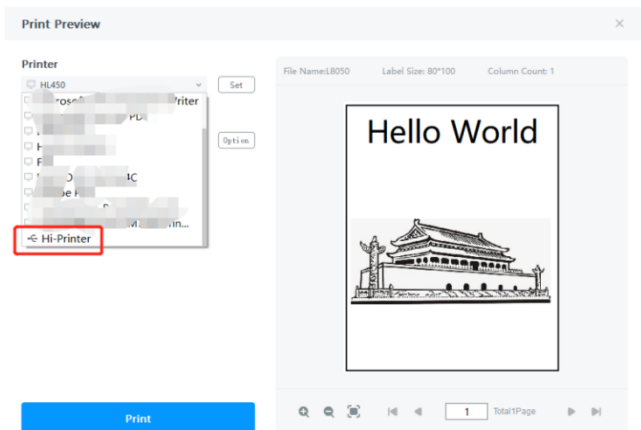
When the printer is in receipt printing mode, the printer is powered on and there is no printing task, press the FEED button, and the printer will feed paper.

7. Instructions:

7.1 label mode

7.1.1 Label software direct printing:

If the label software can directly support printers, after you design and edit label, you can choose the printer driver in software for direct printing.

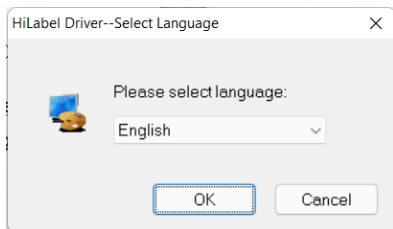
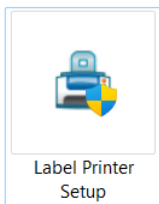


7.1.2 Driver printing:

You can get the printer driver installation file "HiLabel

PrinterSetup.exe" from the CD or company website, and complete the installation according to following steps:

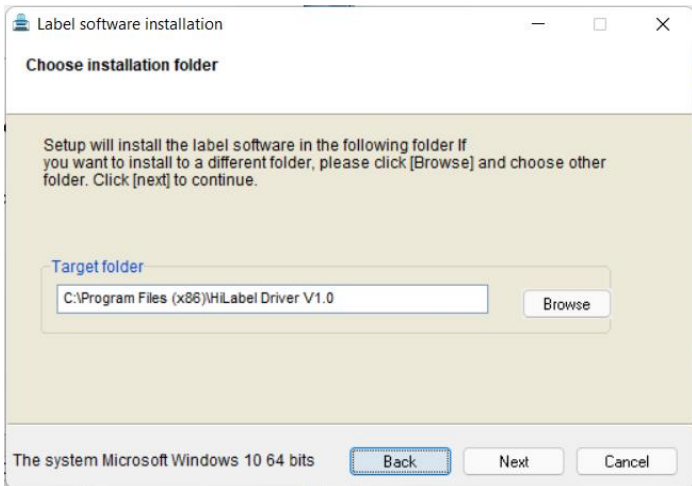
1) Get the driver installation file from the CD or from the company website, and double-click to open it. After you open the file, select the appropriate language and click "OK" to install.



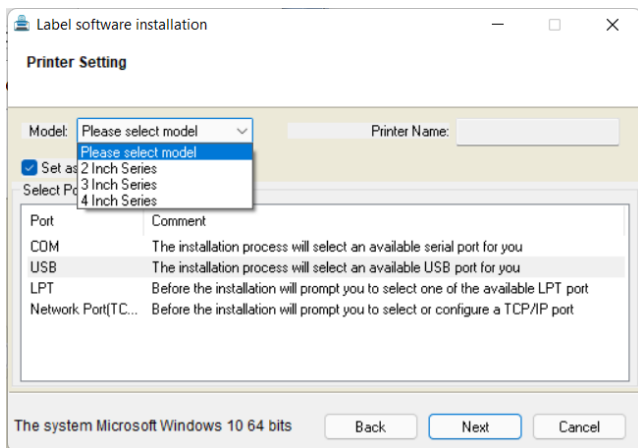
2) Click "Next" with the default settings



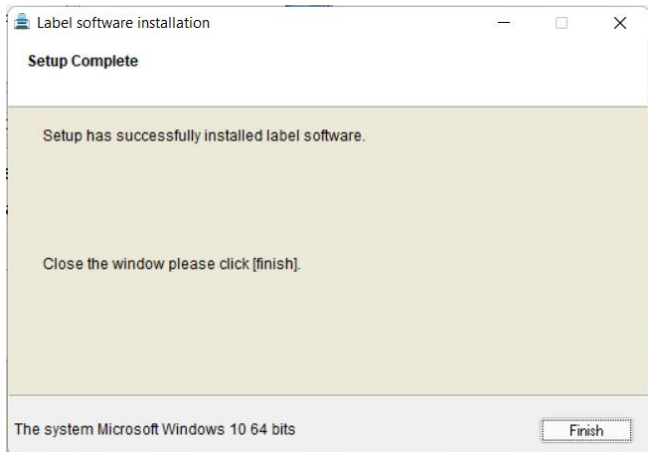
3) Select the driver installation directory and choose "Next".



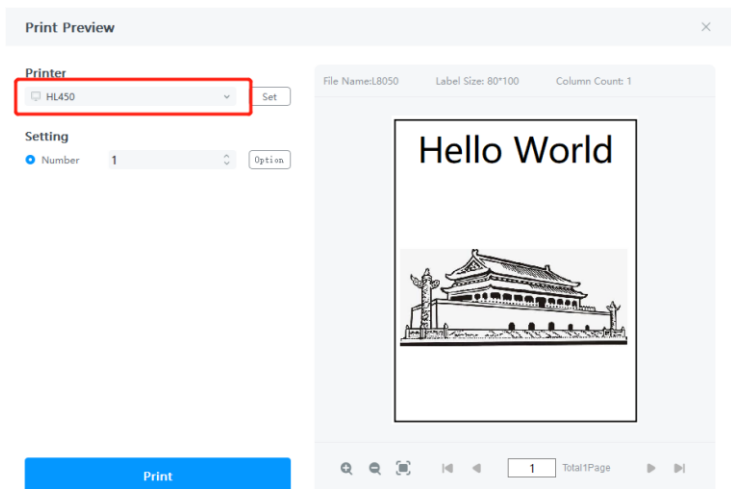
4) Select the printer model (this printer needs to select "4 Inch Series"), the printer port and click "Next"



5) when the installation come to following step, it means that the driver installation is complete. At this time, you can use the third-party label editing software for label editing and printing.



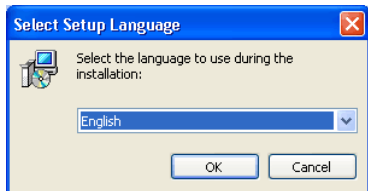
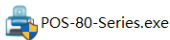
4. At this time, in your software side, you can select the driver model you have installed and finish label printing. As shown below:



7.2 Receipt mode

Windows driver installation steps and instructions:

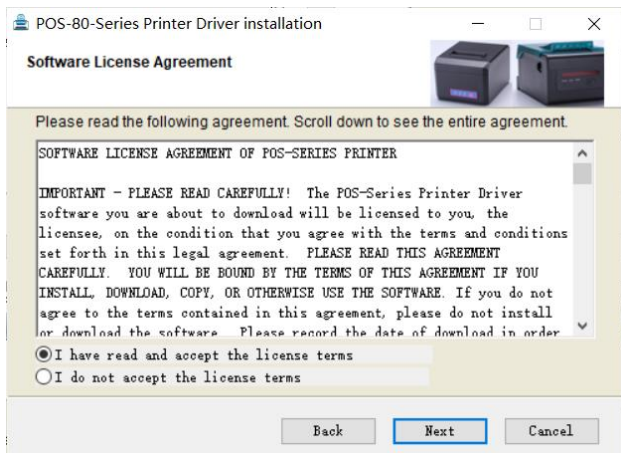
- 1) Double click the driver setup files, after choose the language click “OK” to install.



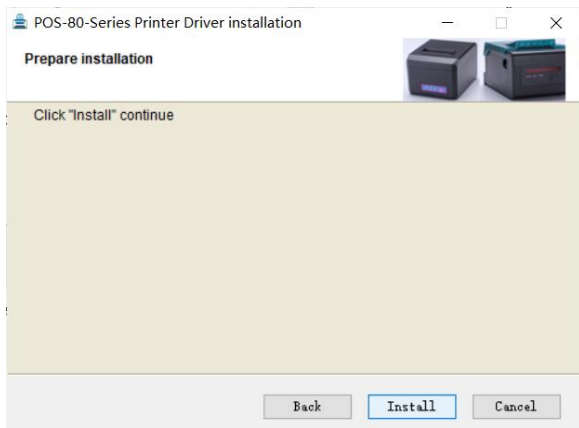
- 2) Click the “Next”.



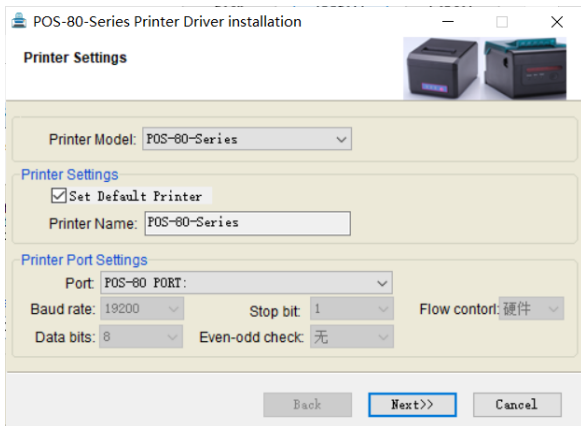
- 3) Select “I accept this Agreement”, click “next”



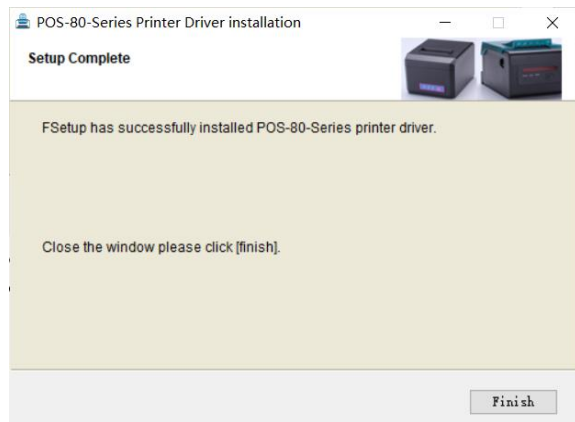
4) Click “install”



5) Select the corresponding port(if you want to use USB port, you can choose the default port:“POS-80 PORT”) and click “Next”







- 6) Click “Finish” to complete the driver installation



8. Error reminder:

You can get the different printer error status from the buzzer times and the ERROR indicator light flashing times within a period of 3 second. The error reporting phenomena and corresponding states are shown in the following table:(Eg. If thermal printer head over heated, the buzzer will “di-” 8 times and flashing light will also flashing 8 times in a period of 3 second)

Buzzer and Error light flashing times	Status
	TPH over heated
	Top cover not closed
	Lack paper
	Label position wrongly