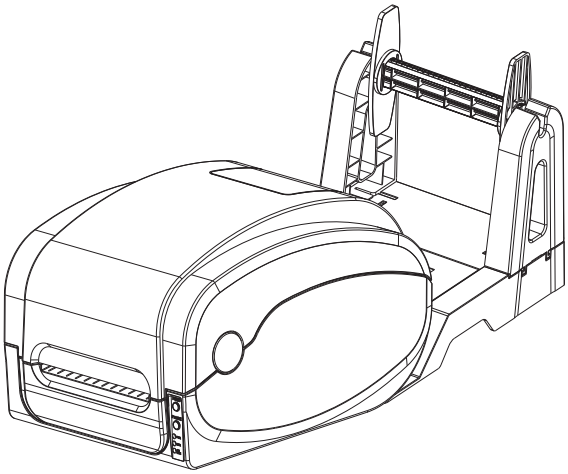
User's Manual

EBP-1125TTZ-E
EBP-1125TT-E
EBP-1235TT-E

THERMAL TRANSFER LABEL PRINTER



E-POS International L.L.C
www.eposintl.com

1. Safety Notice

* Don’t touch the Head of printer with anything.
* Don’t bend the power cord excessively or place any heavy objects onto it.
* Don’t use the printer when it is out of order. This can cause a fire or and electrocution.
* When connecting or disconnecting the plug, always hold the plug–not the cord.
* Keep the desiccant out of children’s reach.
* Use only approved accessories and do not try to disassemble, repair or remodel it for yourself.
* Install the printer on stable surface, choose firm, level surface where avoid vibration.
* Don’t let water or other foreign objects in the printer.
* Don’t connect a telephone line into the peripheral drive connector.
* We recommend that you unplug the printer from the power outlet if no use it for long period.

2. Application:

* TSC or Zebra system Labels
* Manufacturing & Ware housing logistic industry
* Healthcare, Parcel Post, Office & Studio
* Retail

3. Unpacking

After unpacking the unit, check that all the necessary accessories are included in the package.

Printer	1 PCE
Data Cable	1 PCE
Power adapter	1 PCE
CD Disk	1 PCE
User's Manual	1 PCE
Ribbon roller & Ribbon	1 PCE
Label roller & Label paper	1 PCE
External paper holder	1 PCE

4. Features

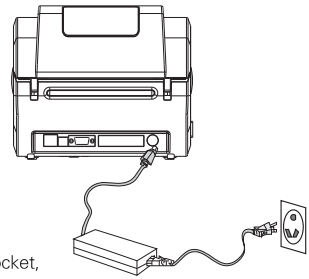
* High print quality
* Compatible with TSC or Zebra command set
* Gap and black mark sensor all –in one
* Four interfaces all in one printer
* Independent mechanism and large gear
* Print head pressure 3–way adjustable
* Rear entrance for large roll installation on external holder
* Support NV images download

5.Specification：

Model	EBP1125TTZ-E	EBP1125TT-E	EBP1235TT-E
Product standard	203DPI		300DPI
Print command	Compatible with Zebra		Compatible with TSC
The print head	203dots/inch(8dots/mm)		300dots/inch(12dots/mm)
Print mode	Ribbon / thermal		
Printing speed	2-5 inch/s		1-5 inch/s
Maximum print width	108mm(4.25")		
Maximum print length	2286 mm(90")		
Heat sensitive piece (wear)	50 km		
Ribbon diameter	Max.67 mm		
The ribbon length	300 m		
The ribbon axis size	1 inch (25.4 mm)		
The ribbon width	Max.110 mm; Min. 30 mm		
The maximum capacity of internal paper roll diameter	127 mm(5") OD		
The width of the paper(tag + bottom paper)	Max 120 mm(4.72"); Min. 20 mm(0.78")		
The thickness of the paper(tag + bottom paper)	Max. 0.254 mm(10 mil); Min.0.06mm(2.36 mil)		
Roll axis size	25.4mm-38mm(1"-1.5")		
Label length	10-2286mm(0.39"-90")		
Barcode mode	1D Barcode: Code11, interleaved 2 of 5, Code 39, Planet,EAN-8,UPC-E, Code 93, Code 128, EAN-13, Industrial 2 of 5, Standard 2 of 5, ANSI Codabar, LOGMARS, MSI, Plessey, UPC/EAN, UPC-A, POSTNET		1D Barcode: Code 39, Code 39 ITF, EAN 128, Code 128 subsets A, B, C,Codabar, EAN-8, EAN-13, UPC-A, UPC-E, EAN and UPC 2(5) digits, Add-on, MSI, MSIC, PLESSEY,CPOST, ITF 14, EAN 14
	2D Barcode: Aztec, Code 49, PDF417, Micro PDF417, QR, Data Matrix		2D Barcode QR code
Power adapter	Input: AC110V～220V, 50～60HZ; Output: DC 24V/2A		
Work temperature	Temperature: 5~45℃, Dampness: 25~85%		
Storage temperature	Temperature: -10~50℃, Dampness: 10~90%		

6. Printer Connection

1. Please put the printer on the stable surface.
2. Make sure printer power is turned off, please do not plug the power cable when the printer power is turned on.
3. Connect serial or USB or Parallel or Ethernet cable to printer and PC.
4. Connect power plug to power supply socket.



Be careful:

※ Please turn off the power switch the printer in the power socket, power line is inserted into the printer.

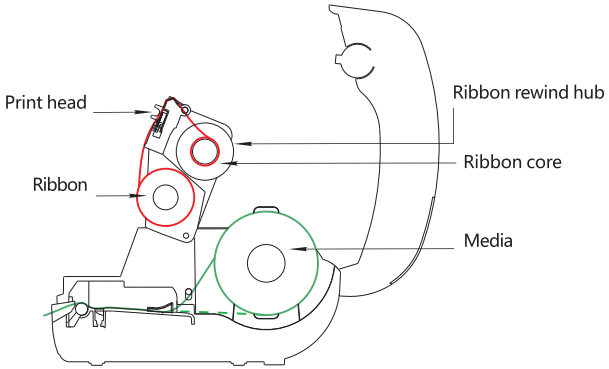
※ Transmission interface in the picture will vary depending on your printer purchased aircraft type, the actual transmission interface, please refer to the corresponding product specifications

7. Installing

1.Ribbon installation

	1. Press two press buttons on left and right side to open printer top cover.
	2. Put empty paper tube into ribbon take–up hub if you buy new ribbon which one side is no contact with paper tube. After that, install ribbon take–up hub left side and right side onto printer. Remark: Factory standard ribbon two sides already fixed well on paper tube. Go ahead to step 3 instead of step 2.
	3. Press the Push button to open print head.

※Ribbon installation diagram

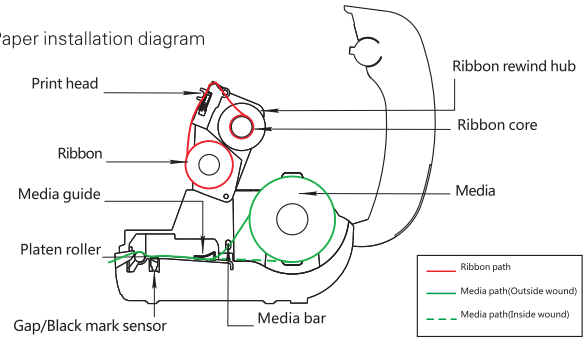


<Picture 7>

2.Installation of paper

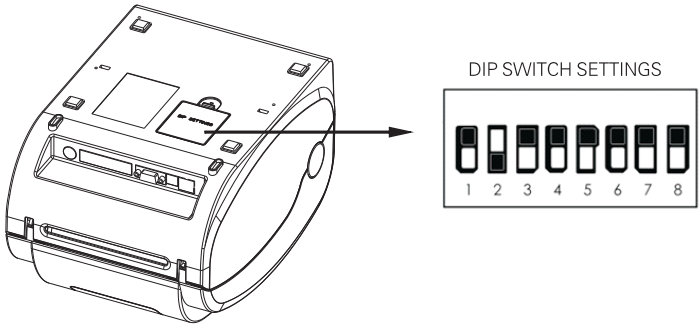
	1.Open printer top cover; Insert blue label supply hub into label roll and fix onto printer.
	2.Press Push button to open print head to install label paper same as picture showing.
	3.Close the print head by pressing two arrow locations. Confirm print head two sides are closed correctly to ensure you get printing in good quality.
	4.Close printer top cover.

※Paper installation diagram



8. Setting the Printing Mode (DIP switches)

The DIP switches are used to set the printer to perform various functions, please refer to the below:



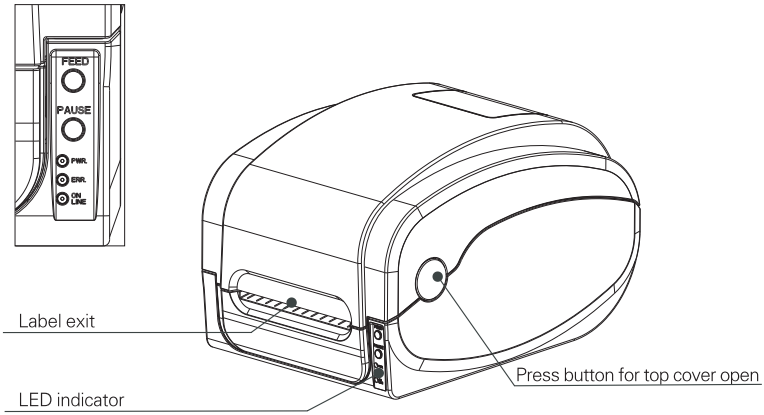
DIP	Sw1	Sw2	Sw3	Sw4	Sw5	Sw6
Function	Beeper set	Reserve	Ribbon error detect set	Ribbon error detect set	Power on test paper	Reserve
ON	Enabled	/	Enabled	/	Enabled	/
OFF	Disabled	/	Disabled	/	Disabled	/

Sw7	ON	ON	OFF	OFF
Sw8	ON	OFF	ON	OFF
Baudrate	115200	38400	19200	9600

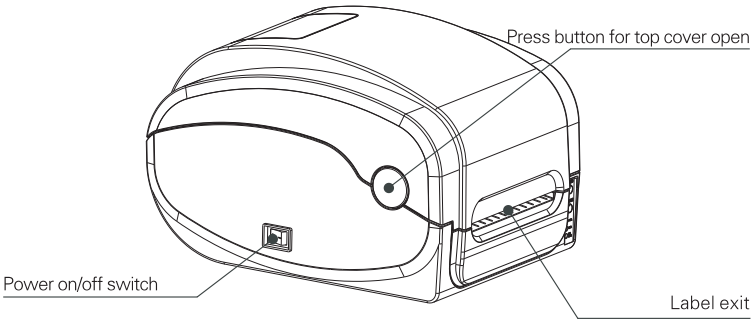
9. Buttons and Indicators

LED lights indicate:

★ ON LINE electric lamp ★ ERROR error lamp ★ RIBBON ribbon status light



<Picture 1>



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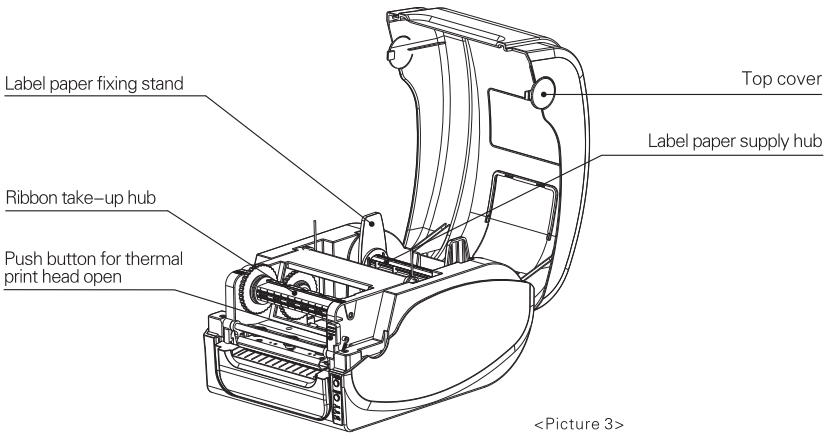

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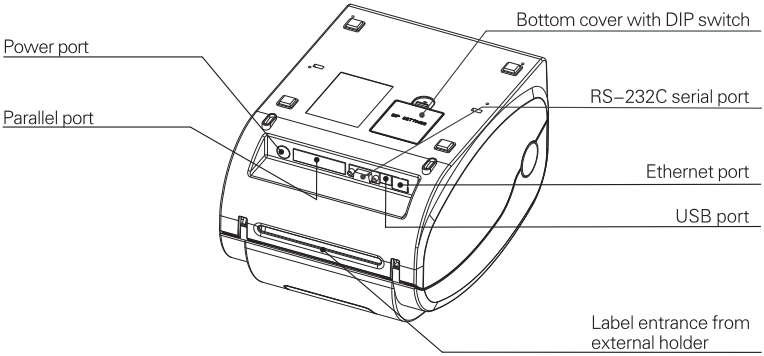


<Picture 4>

10. Functions of buttons and LED indicators

(1)Feed
When the printer is ready (LED blue fixed), click the button, label paper into the front end of a paper label.
(2) PAUSE
The printer in the print, click the PAUSE button to print suspended. At this time power indicator is blue flashing. Just click the button, the print job resume normal.
(3) LED indicator
a. Direct thermal printing method

LED Indicator status	Descriptions
Power indicator is on, Error indicator is off	Printer is powered on and in normal printing status
Power indicator flashes every 640ms, Error indicator is off	Printer is paused
Power indicator is off, Error indicator goes for 80ms, then goes off for 160ms, printer start beeping. ※	Printer cover is opened
Power indicator is off, Error indicator goes for 500ms, then goes off for 6ms	Label gap detection error
Power indicator is off Error indicator flashes every 160ms, after two times flashing, Error indicator goes off for 320ms, printer start beeping. ※	Paper out
Power indicator is off Error indicator flashes every 160ms, after three times flashing, Error indicator goes off for 320ms, printer start beeping. ※	Black mark detection error
Error indicator flashes every160ms.	Printer overheated protection mode is activated. After 1 minute, the printer CPU will check print head temperature again. When temperature return normal, printer will work normally.

※ Beeper function can be enabled through setting DIP switch.

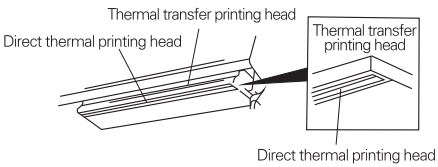
b. Thermal transfer printing

LED Indicator status	Description
Ribbon indicator is on	Ribbon is installed successfully
Ribbon indicator flashes every 300ms, beeper sounds every 2.4s ※	Ribbon improperly installed: no ribbon, or ribbon end, or ribbon broken

※ Beeper function can be enabled through setting DIP switch.

11. Maintenance

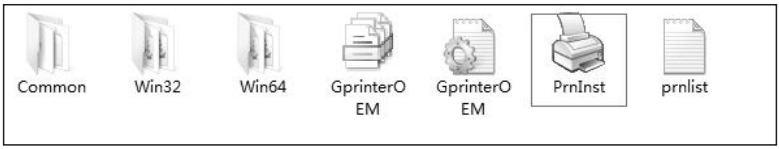
The cleaning process is described as following:

Parts to be cleaned	Step	Recommend cleaning frequency
Print head	1.Turn off the printer. 2.Allow the print head to cool for at least one minute. 3.Use a cotton swap and 100% ethanol to clean the print head surface.	When change new label paper
		
Rubber roller	1.Turn off the printer. 2.Rotate the platen roller and use a cotton swap to clean with 100% ethanol.	When Change new label paper
Paper tear bar	Use a cotton swap and 100% ethanol to clean.	When necessary.
Sensor	Use air brush or vacuum to clean dust of sensor.	Monthly.
Inner side of printer	Use air brush or vacuum to clean the dust.	When necessary.

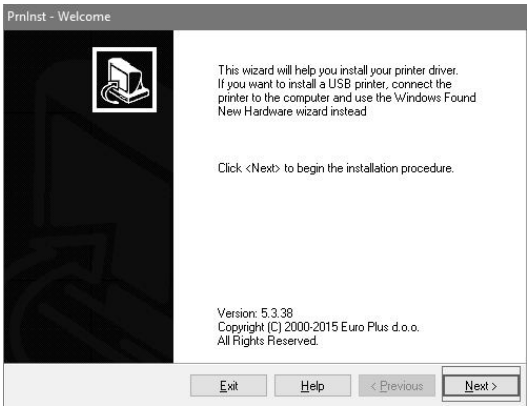
12. Driver Setup

a. Open the CD, choose the “Driver” document, then choose the “E-PoS Barcode Printer” document, finally choose the “Drivers” document.

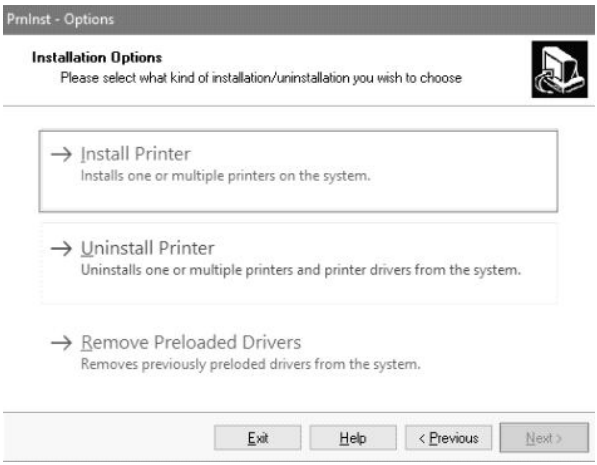
b. Click the below driver



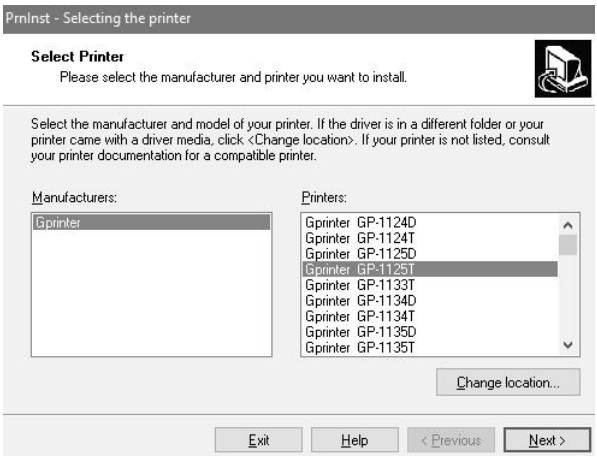
c. Click "next" to continue



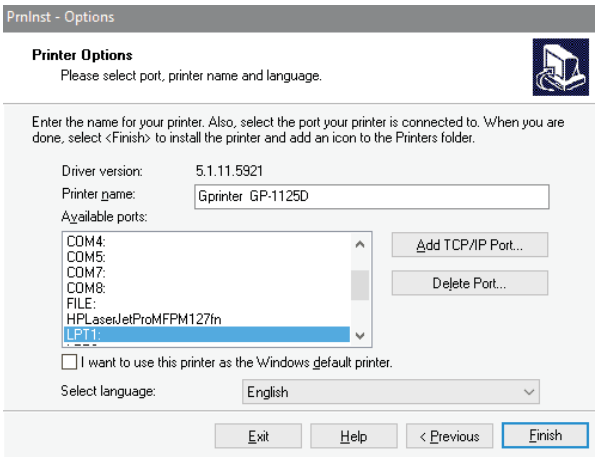
d. Click "install printer" to continue

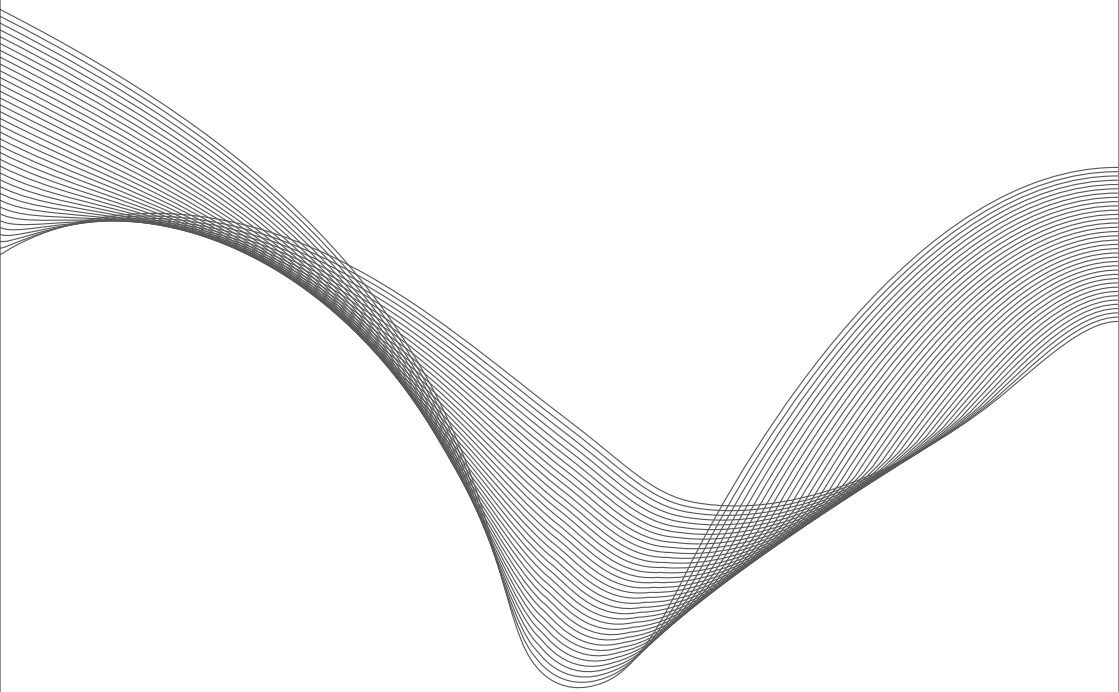


e. Refer to the Declaration to choose your printer model to continue



f. Choose the ports to finish the printer software installation





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