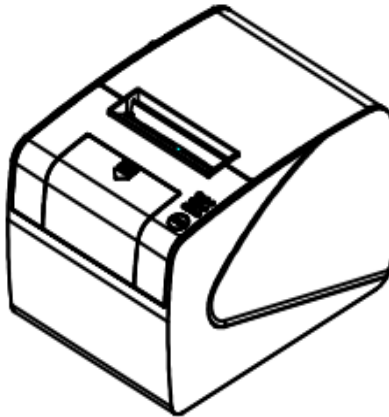




User Manual

EC-PM-80250

THERMAL RECEIPT PRINTER



1. Safety Notice:

- * Don't touch the printer head with anything.
- * Don't touch the cutter blade.
- * 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 but 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 by yourself.
- * Install the printer on the stable surface. Choose firm, level surface where avoid vibration.
- * Don't let water or other foreign objects into 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 a long period .

2. Applications:

- * POS system
- * EFT POS system
- * Gym, post, hospital, civil aviation system
- * Inquiry, Service system
- * Instrument test

3. Unpacking

After unpacking the unit, check that all the necessary accessories are included in the package.
If any of these items is missing, please contact your dealer.

User's Manual	1 PCS
Printer	1 PCS
Data Cable	1 PCS
Power Adapter (include power cord)	1 SET

4. Features

- * Compact size, abundant function
- * 250mm/sec high-speed printing
- * Support 2D barcode printing (QR CODE)
- * High print quality
- * Low working noise
- * Support cashdrawer kick-out
- * Easy maintenance
- * Various interface available (Serial+USB+Ethernet)
- * Built-in data buffer
- * Support character enlargement, bold, underline, line spacing and character spacing
- * Support NV images download
- * Low energy consumption and low operation cost
- * Compatible with ESC/POS command set
- * Character per line and character set can be set by DIP switches
- * Support Ethernet Printing status monitor, multiple connection printing and OPOS printing
- * Support printer identification, software binding and high-speed driver mode
- * Support various character sets (include GB18030)
- * High speed driver printing mode, 66% improvement in print speed though serial port
- * Connect and print Faster, stop receipt misprinting
- * Built in web page to set up printer directly



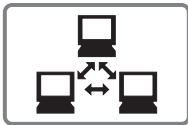
Streamlined structure design



High-speed Printing



Printer Identification



Multiple Connection Printing



OPOS Driver



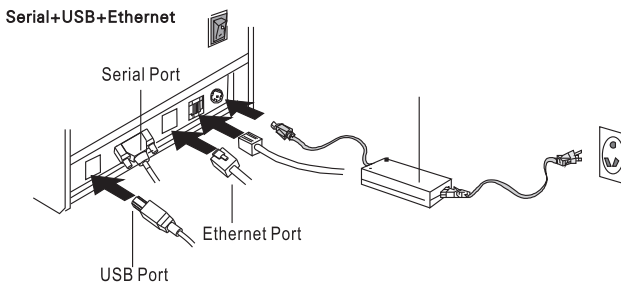
Various Character Sets

5.Specifications

Printing	Print method	Direct thermal line
	Resolution	203dpi
	Print width	64/72mm
	Dot density	512/576dot/line
	Print speed	250mm/s
	Interface	Serial+USB+Ethernet
	Paper diameter	83mm
	Line space	3.75mm(can be adjustable)
	Character Size	ANK Font Font A: 12×24dots Font B: 9×17dots Simplified /Traditional Chinese Character: 24×24dots
Barcode	Code page	95 alphanumeric,48 international,128X11 graphs PC437/ Katakana/PC850/PC860(Portuguese)/PC863/PC865/ West Europe/Greek/Hebrew/East Europe/Iran /WPC1252(ISO 8859/2/7/15) /PC866/PC852/PC858/IranII/PC851/PC853/Page 255 /Latvian/Arabic/PT151,1251/PC737/WPC/1257/Thai Vietnam/PC862/PC1001/(Latvian)/(PC1001) /(PT151,1251)/(WPC1257)/(PC864)/(Vietnam)/(Thai) /(PC3847 ABNT)/(PC3848 ABICOMP) and more
	Barcode mode	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ITF /CODABAR/CODE93/CODE128/GS1/QR CODE/PDF417
	Fonts	GB18030
Buffer	Data	128K bytes
	NV Flash	256K bytes
Power	Cashdrawer out	DC 24V/1A
	Power supply	AC 110V/220V, 50 ~ 60Hz, DC 24V/2A
Physical properties	Weight	1.23kg
	Dimension	201×140×128mm
Environment	Work environment	Temperature:0 ~ 45℃ , Humidity:10 ~ 80%
	Storage environment	Temperature:-10 ~ 60℃ , Humidity:10 ~ 90%
Reliability	Mechanism	>150km
	Autocutter	1.5 million cuts
MTBF		360,000 hours

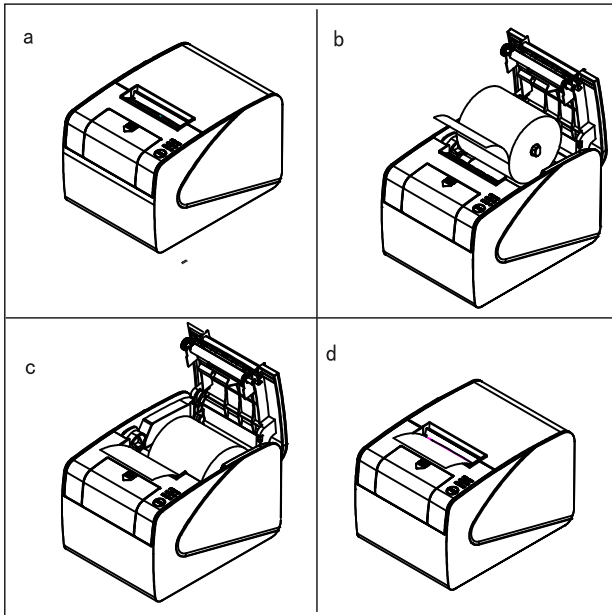
6. Printer Connection

- Plug the DC cord connector into the printer's power connector.
- Plug the data cable connector into the printer's interface connector.
- Plug the drawer cable into the drawer kick-out connector on the back of the printer next to the interface connector.



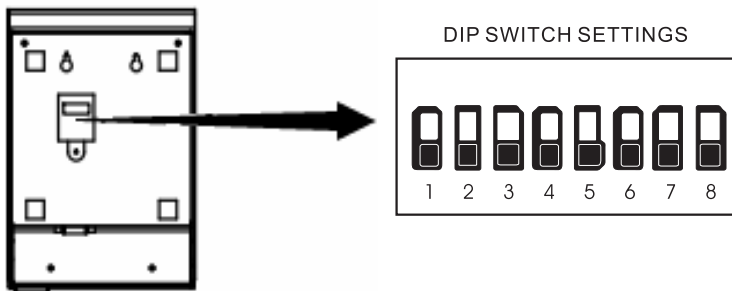
7. Installing the roll paper

- Press the button to open the top cover.
- Install the paper roll into the printer.
- Pull out some paper outside the printer and then close the printer cover.
- Close the top cover. Press the printer cover to avoid error position of roll paper.

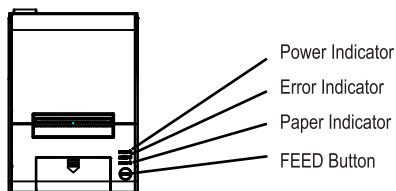


8. Setting the Printing Mode (DIP switches)

The DIP switches are used to set the printer to perform various functions, such as cutter mode, character set, speed, beeper, print density and etc.



9. Buttons and Indicators



10. Functions of buttons and indicators

(1) . FEED Button

Press to feed paper manually.

(2) . PAPER Indicator

When this indicator is lighting as well as the ERROR indicator, printer is out of paper.

When this indicator is dim as well as the ERROR indicator, printer has paper.

When this indicator is lighting but the ERROR indicator is dim, roll paper is near end.

(3) . POWER Indicator

When this indicator lights, the printer is turned on.

When this indicator dims, the printer is turned off.

(4) . ERROR Indicator

When printer is in the status of paper out, cutter error or print head overheat, this indicator is flashing according to user's defined setting.

13. Cutter Maintenance

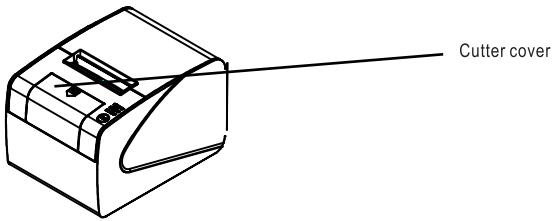
Step (1)

- a. Turn off then on the printer, the printer will initialize and reset the cutter.

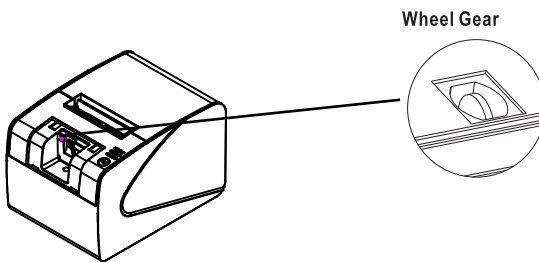
Step (2)

- a. Open the front cover.
- b. Wheel the gear on the cutter to make the cutter back to initial position. Open the printer cover and install roll paper correctly, then the printer works normally.

▲ Caution: Do not open the printer cover by force, so as not to damage the print head and auto cutter.

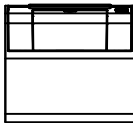


1. Open the cover by the arrow direction

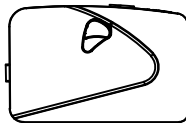


2. Turn the gear to reset the cutter

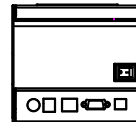
11. Printer view



front view



side view



back view

Manufacturer: EC LINE

Thank you very much for using EC Line product

For service, please contact service@ecline.com.hk

www.eclinepos.com