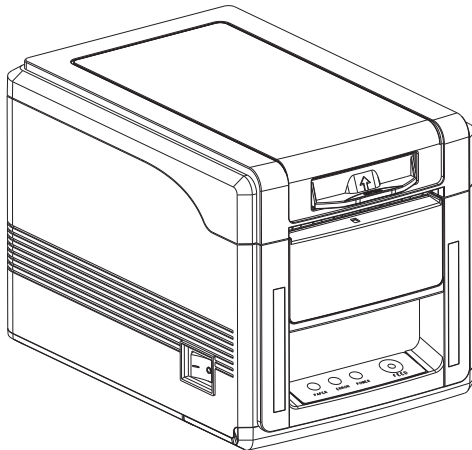# User Manual

## EC-PM-80340

**THERMAL RECEIPT PRINTER**

## 1.Safety Notice:

* Install the printer on stable place, choose a firm, level surface where avoid vibration.
* Do not use and store the printer under high temperature, humid or seriously polluted environment.
* Connect AC power adapter to a proper power outlet. Avoid to use the same outlet with other large
  electric machines which generate voltage fluctuation.
* Do not let water or conducting material (eg. metal) into the printer.
* Do not print when it is out of paper, which will seriously damage the printer head and rubber roller.
* We recommend that you unplug the printer from the power outlet whenever you do not plan to use it
  for a long period.
* Do not try to disassemble, repair or remodel the printer by yourself.
* Only use the power supply that is come along with the printer.
* We recommend that you use good paper to deliever high quality receipts and to ensure
  the printer's lifespan.
* Make sure that printer is off when connecting or disconnecting the plug, always hold the
  plug - notthe cord.
* Please keep this manual for your reference.

## 2. Applications:

* POS system Receipts
* EFT POS system Receipts
* Gym, post, hospital, civil aviation system Receipts
* Inquiry, Service system Receipts
* Instrument test Receipts
* Tax, Tab Receipts

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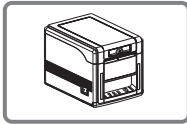
After unpacking the unit, check that all the necessary accessories are included in the package.

| | |
|---|---|
| **CD Disk** | 1 PC |
| **Printer** | 1 PC |
| **Serial interface cable** | 1 PC |
| **Power Adapter (include power cord)** | 1 SET |
| **Warranty Sheet** | 1 PC |

## 4. Features

* 300mm/sec high printing speed
* Support 2D barcode printing
* Support kitchen printing and network printing
* Support front paper dispensing and auto cutter, stopping paper from jamming
* Support bar code printing
* Ports:Serial+USB+Ethernet ; USB+Wifi ; USB+Bluetooth
* 83mm Large Paper Roll Capacity
* Rational construction, easy maintenance
* Built in data buffer which can receive new task when printing is in progress
* Characters can be enlarged, bonded, underlined, line space and character space can be adjusted
* Support different density NV logo and download printing
* Low power consumption and low operation cost
* Compatible with EPSON ESC/POS and Star command sets
* Character and columns per line are optional by using DIP switches
* Support print status monitoring, multilink print, OPOS driver
* Support printer identification, software bundle, high speed driver printing mode
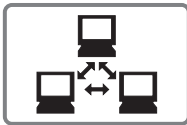* Support various international characters
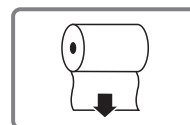


**Front Paper Exit**



**High Speed Printing**



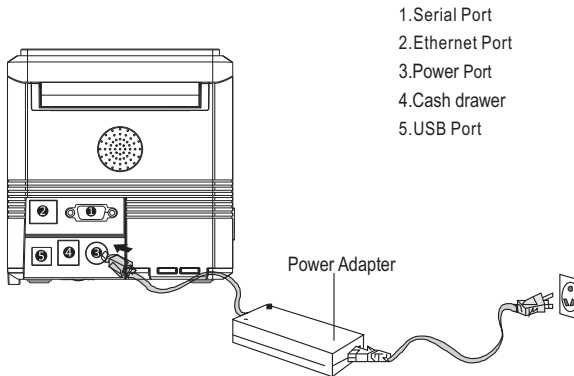**Bar Code Printing**



**Network  Printing**



**OPOS Driver**



**120mm Large Roll**

## 5.Specification

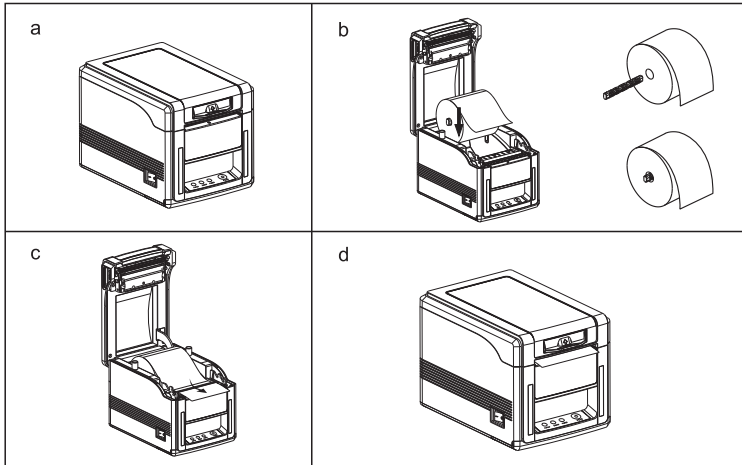| Model | EC-80340 |
|---|---|
| **Printing speed** | 300mm/sec |
| **Paper roll** | **Paper Width:**43/58/70/80/82mm<br>**Paper Diameter:**83mm max.<br>**Roller diameter:** Inside: 12mm<br>Outside: 18~26mm |
| **Dot density** | 512/576 dots/line |
| **Character size** | ANK Character,<br>**Font A:** 12×24dots,<br>**Font B:** 9×17dots,<br>**Chinese Character:** 24×24dots |
| **Print command** | Compatible with EPSON ESC/POS<br>and Star command sets |
| **Interface** | Serial+Ethernet+USB ; USB+Wifi ; USB+Bluetooth |
| **Auto cutter** | Partial |
| **Reliability** | 150Km |
| **Barcode mode** | UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)/CODE39/<br>ITF/CODABAR/CODE93/CODE128/QRCODE/PDF417 |
| **Paper thickness** | 0.06~0.08mm |
| **Powersupply** | DC 24V/2A |
| **Power adapter** | **Input:** AC110V～220V, 50～60HZ<br>**Output:** DC 24V/2A |
| **Cash drawer** | DC 24V/1A |
| **Work environment** | **Temperature:** 0~45℃，**Dampness:** 10~80% |
| **Storage environment** | **Temperature:** -10~60℃，**Dampness:** 10~90% |
| **Dimension** | 156×217×160mm(W×D×H) |

## 6. Printer Connection

**a**. Plug the power adapter cable into the printer's power port.
**b**. Plug the interface cable securely into the printer's Serial/USB/Ethernet port.
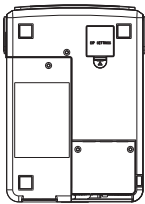**c**. Plug the cash drawer's RJ-11 phone jack into the printer RJ-11 socket.

1.Serial Port

2.Ethernet Port

3.Power Port

4.Cash drawer

5.USB Port

Power Adapter

## 7. Paper Installation

**a**. Press the button to open the printer cover.
**b**. Put the paper roll into the hollow ( pay attention to the paper direction).
**c**. Pull the leading edge of the roll outside of the printer and then close the cover.
**d**. Press the center of printer cover firmly to prevent paper misloading, then tear
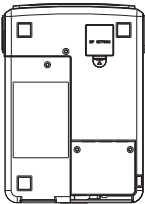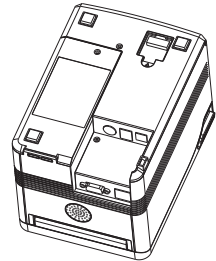off the paper outside.

a   b
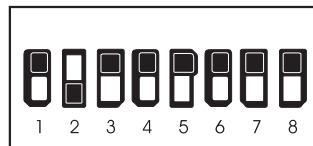
c   d

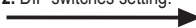## 8. Print Mode Setting (DIP switches)

Users can select the auto cutter, language, printing speed, beep, print density by using DIP switches to set the printer.



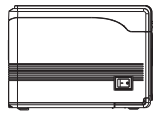**1.** Remove the DIP switches cover on the bottom of the printer.
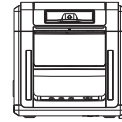
**2.** DIP switches setting.

1  2  3  4  5  6  7  8

## 9. Three-view Drawing

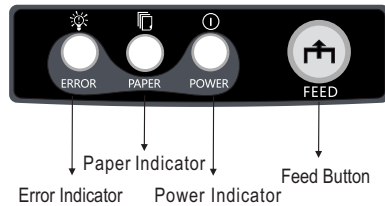| Top view | Side view | Front view |
| --- | --- | --- |

## 10. Cutter Maintenance

If step 1 failed, follow the below instructions
I. Open the printer cover as showing
III.Press the "FEED"again, cutter will return to its home position.

⚠ **Attention:** Do not use force to separate the printer cover in case of any damage to the print head and auto cutter.

## 11. Button and Indicators



Error Indicator   Paper Indicator   Power Indicator   Feed Button

## 12. Function of button and indicators

（1）**ERROR Indicator**
ON may indicate paper out, cutter error, print head overheated.
OFF indicates normal status

（2）**PAPER Indicator**
PAPER & ERROR are both ON, indicating printer is out of paper;
PAPER & ERROR are both OFF, indicating printer is in normal status.

（3）**POWER Indicator**
ON indicates printer power is on
OFF indicates printer power is off.

（4）**FEED Button**
Press the FEED button to feed the paper roll.

## 13. Professional Performance

**a.** 300mm/sec high printing speed
**b.** Support front paper exit and auto cutter
**c.** Support bar code printing
**d.** 83mm large roll paper
**e.** Support various paper width printing

## Manufacturer: EC LINE

Thank you very much for using EC Line product
For service, please contact service@ecline.com.hk

www.eclinepos.com