

# Specification

TM100

THERMAL RECEIPT PRINTER



## Safety Notice:

- \* Don't touch the Head of printer 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.
- \* Only use the power cord excessively or place any heavy objects onto it.
- \* 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 the 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 periods .

### Available fields:

- \* Print POS system Receipts
- \* Print EFT POS system Receipts
- \* Print Gym, Post, hospital, civil aviation system Receipts
- \* Print Inquiry, Service system Receipts
- \* Print Instrument test Receipts
- \* Print Tax, Tab Receipts

### Main Features:

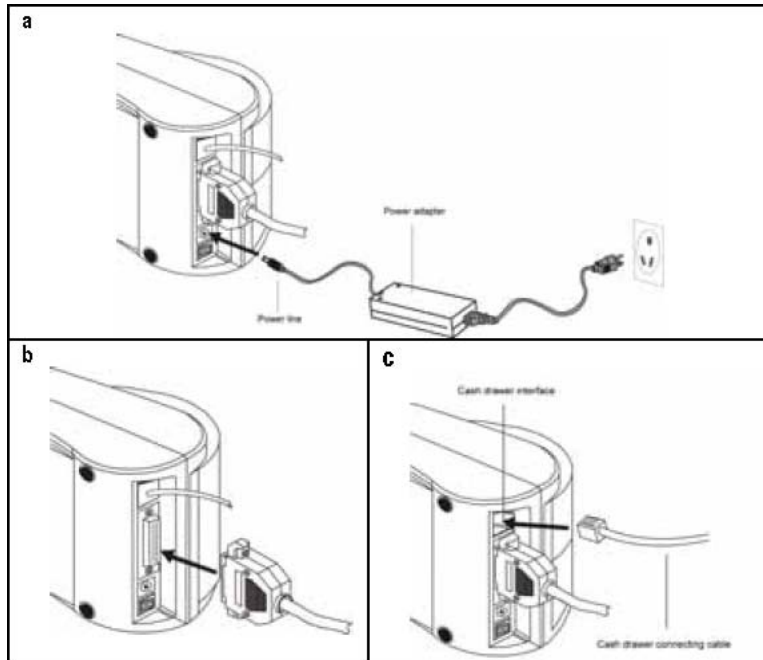
- \* Command protocol is based on ESC/POS standard
- \* Low-noise thermal printing.
- \* Various Layouts are possible by using page mode.
- \* Repeated operation and copy printing are possible.
- \* Character font size optional.
- \* Easy paper-roll installation.
- \* Easy paper jam clearance.
- \* Easy maintenance for tasks such as head cleaning.
- \* Built-in interface provides control capability for cash drawer.

### Technique Spec.

Print method	Thermal line printing
Print speed	50/70/90mm/ sec.
Paper width	57.5 ± 0.5mm
Print columns	384dots/line
Character	ANK Character: Font A: 12*24dots Simplify/Traditional: 24*24 dots
Print command	Compatible with ESC/POS
Interface	Parallel/Serial/Wireless/Ethernet
Barcode mode	UPC-A/UC-E/JAN13(EAN13)/JAN8(EAN8)/CODE39/ITF/CODABAR/CODE93/CODE128
Reliability print	100Km
Paper thickness	0.06-0.08mm
Adaptor power input	AC 110V/220V, 50-60Hz
Adaptor power output	DC8.5V/3A (for GP-5850/5870series) DC12V/3A (for GP-5890series)
Printer power input	DC8.5V/3A (for GP-5850/5870series) DC12V/3A (for GP-5890series)
Cash Drawer	DC 12-24V/1A
Work Temperature	0-45°C, Dampness: 10-80%
Storage temperature	-10-50°C, Dampness: 10-90%

### Connection

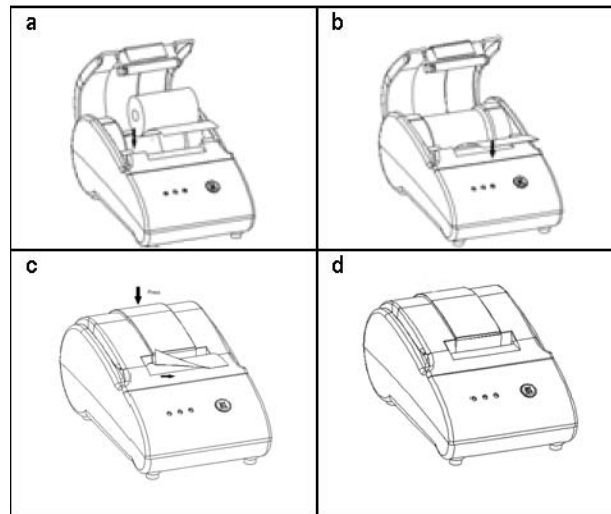
- Connect the adapter cable to power connector of the printer.
- Connect the interface cable to the connector on the rear panel of the printer.
- Connect the cash drawer's RJ-11 phone jack to the connector on the rear panel.



### Paper Roll Installation

- Open the top cover, install the paper roll as the picture showing direction.
- Set the paper roll into the hollow, and pull on the leading edge of the paper towards you as shown.
- Press the center of printer cover firmly to prevent paper miss loading.
- Tear off the paper outside the cover as shown.

*Gprinter*



### Print character:

ANK Character, custom/times of character print. adjust row space.

Font A: 12\*24 dots, 1.25\*3.00mm(W\*H)

Simplify/Traditional: 24\*24 dots, 3.00\*3.00mm( W\*H)

**International code:**

PC437/Katakana/PC850/PC860/PC863/PC/865/West /Europe/ Greek/Hebrew/East  
Europe/Iran/WPC1252/PC866/PC852/PC858

**Barcode mode:**

UPC-A/UPC-E/JAN13 (EAN13)/JAN8 (EAN8)/ CODE39/ CODEBAR/ITF/CODE93/  
CODE128 (Available for GP-5850 series);  
JAN13 (EAN13)/JAN8 (EAN8)/ CODE39 (Available for GP-5870/ GP-5890 series)

**Driver Installation**

- a. Insert the bundled CD disk into the CD-ROM drive, in the CD-Rom menu, click DRV58EN V4.4G file to begin driver installation



- b. Please read and accept the principle first, and then go on with installation.
- c. Please choose the OS that matches with your computer system and press next.
- d. Please select GP-5850II Series for Install module.

