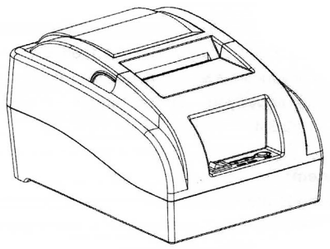
58MM Thermal Receipt Printer

User manual



Please read this manual carefully before using it, and keep it for future reference.

About this manual

Thank you for your purchase of our company's 58MM thermal printer. This manual can help you learn to use this product. Please read this manual before use, and safekeeping, so that all the use of this product can read it.

Safety tips:

◆The printer should be installed in a solid place to avoid vibration or impact damage to the printer.

◆ Do not store and use the printer in the environment of high temperature, high humidity, and heavy pollution.

◆In order to ensure the quality of printing and the life of the product, please use the normal manufacturers' thermal paper.

◆After printing, print head is still at high temperature, pls do not touch, to avoid burn.

◆The printer can't print in a paperless state, otherwise it will seriously damage the printing roller and thermal print head.

Package:

◆Printer 1PC
◆Paper roll 1 ROLL
◆Use manual 1PC
◆Power line 1 PC
◆USB Data cable 1PC
◆Driver CD 1PC

Product Features:

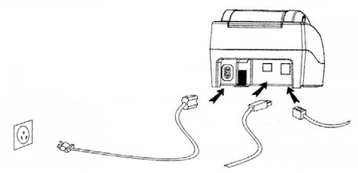
◆High Print quality, low cost
◆Low noise, high speed printing
◆Support raster bitmap printing
◆Easy paper install structure,simple and convenient to operate
◆Built-in power supply design, to save space and more convenient to configure
◆Support multi language print, suitable for users all over the world
◆Support download and print LOGO&graphics
◆Built in data buffer, print and receive data at the same time
◆ Support character zoom, rotation, adjustable line spacing printing character
◆The power consumption is small, and no need ribbon and cartridge, low using cost
◆Compatible with ESC/POS instruction set

Parameters:

Items		Parameters
Print parameters	Printing Method	Thermal Line
	Printing Width	48MM
	Resolution	384dots/Line(8dots/mm，203dpi)
	Printing Speed	90mm/Second(Max)
	Interface Type	USB,Bluetooth(Optional),WIFI(Optional)
	Line Spacing	3.75 mm(Can adjust line spacing by command)
	Line No.	Font A:32 character /Line Font B:42 character/Line
	Character	Standard GB18030 simplified/traditional Chinese Fonts
	Character Size	ANK character，Font A：1.5×3.0mm(12×24Dots) Font B：1.1×2.1mm(9×17Dots)
Bar code &Character	Extended character set	PC437/Katakana/PC850/PC860/PC863/PC865/WestEurope/Greek/Hebrew/EastEurope/Iran/WPC1252/PC866/PC852/PC858/IranII/Latvian/Arabic/PT151,1251/PC737/WPC/1257/ThaiVietnam/PC864/PC1001/(Latvian)/(PC1001)/(PT151,1251)/(WPC1257)/(PC864)/(Vietnam)/(Thai)
	Bar code	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ITF/CODABAR/CODE93/CODE128
Graphics printing	Graphics printing	Supports bitmap download and print
Paper	Type	Thermal Roll
	Width	57.5±0.5mm
	Diameter	≤60mm
	Feed Method	Easy feed(Clameshell feed)
Commands	Commands	ESC/POS
Power	Power Adaptor	Input：AC 100V-240V,50-60Hz Output：DC 12V/2A
	Casher Drawer output	DC 12V/1A
Buffer	Input Buffer	32K bytes
	NV Flash	40K bytes
Physicachar acteristics	Weight	590g
	Dimension	185*130*112(MM)
Environment	Working	Temp：5 ~ 45℃,Humidity：10 ~ 80%
	Storage	Temp：-10 ~ 50℃,Humidity：10 ~ 90%(No dew)
Reliability parameter	Print Head Life	50KM(print density≤12.5)
Software	Driver	Android,IOS,Linux,Windows

Printer connection:

1 connect the power adapter cable to the printer power supply interface.
2 connect the USB data cable to the printer's interface.
3 the cashier drawer cable connected with printer interface .



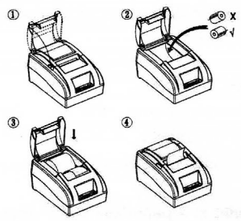
Install the print paper

58MM series thermal printer using 58MM thermal paper, using easy paper structure, convenient to install paper.

1.thumb and forefinger pinch the flip cover front place , pull up to open the printer's flip cover.

2.Put thermal print paper in the paper holder according to the pic below.

3.Press down the flip cover



Note: take care of the paper roll direction, if reverse direction, the content won't be print out.

Switch, key name, indicator and function:

1 POWER switch

The switch can turned on and off the printer power supply.

2 FEED key

Press the button can feed,

3 STATUS light

STATUS light long off indicates the printer is in the normal working state, STATUS light flashing indicates that the printer is short of paper, print head overheating or error and other abnormal conditions.

4 POWER light

The indicator light on indicates that the printer is connected to the power supply, this light off indicates that the printer power is off.

Self test:

Printer self-test method are as follows: When the printer connected to the power adapter, under off status, press feed key and power key at the same time until you see status red light **on**, then release your hand, printers will print a self test page.

Switching between English and Chinese:

Switching between English and Chinese are as follows: When the printer connected to the power adapter, under off status, press feed key and power key at the same time until you see status red light **on-off**, then release your hand, printers will change to other language.

Density:

Printer Density change are as follows: When the printer connected to the power adapter, under off status, press feed key and power key at the same time until you see status red light **on-off-on**, then release your hand, feed some paper,you will see printer show: Current Printer Density is Level- 1/2/3/4"

Hex mode system:

Enter into Hex mode are as follows: When the printer connected to the power adapter, under off status, press feed key and power key at the same time until you see status red light **on-off-on-off**, then release your hand, it enter into hex mode.

Printer connection :

1.Windows driver installation

Our driver is very convenient to install and use, click on the driver file, choose the next step directly. then can be used when installation success, no need to configure the USB port.

2 Android system Bluetooth printer connect description (Bluetooth interface optional)

①Turn on the printer power switch;

②Open the Android mobile phone (or PDA) Bluetooth, commonly used path: system settings - Device connectivity-Bluetooth;

③Click "Scan" or "Search Bluetooth", in the "available devices",will automatically search to the name of "Bluetooth Printer" or "Thermal Printer";

④Click "Bluetooth Printer" or "Thermal Printer", and input pair code (factory default: 1234), click" finish "to achieve Bluetooth pairing;

⑤Go to the corresponding APP software to do printer settings or add Bluetooth printer,then it can be used;

3.IOS (Apple) system Bluetooth printer connect description (Bluetooth interface optional)

①Turn on the printer power switch;

②Open IOS (Apple) system mobile phone (or tablet) Bluetooth, commonly used path: Settings - Bluetooth-Turn on Bluetooth (This process only for open Bluetooth,Not for paring process,paring process is in your application setting);

③Go to the corresponding APP software to do printer settings or add Bluetooth printer for paring, after Bluetooth paring process success, then it can be used;

Printer Repair and maintenance:

1. printer external and warehouse cleaning: please use a wet cloth gently wipe the printer surface and internal paper warehouse.

2. Printer core clean: printer core must be clean on time, especially the quality of printing is decline, cleaning methods are as follows: put cotton dipped in anhydrous alcohol and gently wipe the printer core ceramic parts as shown in the picture below until clean enough.

3.If find water inside printer, please immediately disconnect the printer power, and dry the printer naturally.

Failure Analysis:

Failure phenomenon	Failure cause	Solution
Printer status indicator flashing	1.Printer lack of paper 2.The printer head is too hot 3.The flip not closed well	1.Install paper correctly 2.Open the cover and dissipate heat fully then go on printing. 3. Cover the flip well
When the printer prints only paper run but not print	Print paper install reverse	Pls install the print paper for an opposite direction
The printer print fuzzy	The print head not clean for a long time	Put cotton dipped in anhydrous alcohol and gently wipe the printer core ceramic parts until clean enough
There is no response of printer	The power adaptor not connected	Pls check power adaptor is connected well or not,power switch is turn on or not
Printer can self test, but can not print online	Driver port selection error	Pls select the correct print driver port based on the actual connection port