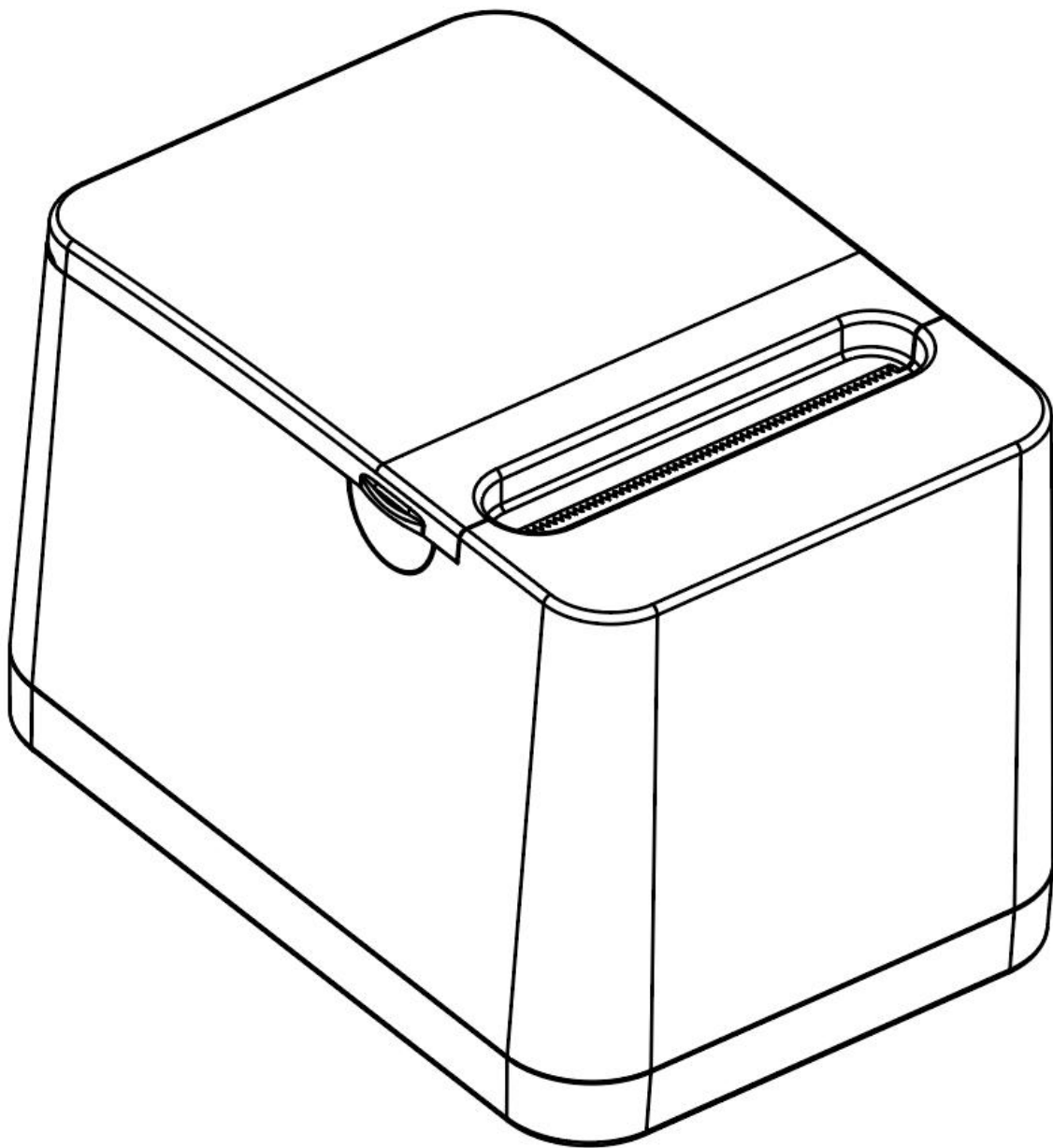


58mm Thermal Ticket Printer User Manual



Precautions for Use

Before operating and using the printer, please read this instruction carefully and follow the use strictly.

1. Safety Warnings



Warning: The print head is a heated part, do not touch the print head and surrounding parts during or just after printing to prevent burns.



Warning: Do not touch the print head and connection plug-in to avoid damage to the print head due to static electricity and do not touch the print tearer.

2. Cautions

- a. If the printer is not used for a long time, please disconnect the printer's power adapter and disconnect the USB connection at the same time.
- b. Leave enough space around the printer for operation and maintenance.
- c. Keep printers away from water and direct sunlight and heat sources.
- d. Do not use and store the printer in areas of high temperature, high humidity, and heavy contamination.
- e. Avoid placing the printer in areas where there is vibration or shock.
- f. Connect the printer power adapter to a properly grounded outlet, avoiding using the same outlet as large equipment.
- g. The printer should be installed in a flat, stable place.
- h. To ensure print quality and printer life, it is recommended to use recommended paper or equivalent quality paper.
- i. Turn off the power when plugging or unplugging the interface, otherwise it may cause damage to the printer control circuit.
- j. Users are not allowed to disassemble the printer for maintenance.
- k. Please keep this manual properly for reference.

3. Main performance characteristics

3.1 High print quality and low cost

3.2 Low noise, high speed printing

3.3 Support money box interface

3.4 Small and lightweight

3.5 Easy paper loading structure

3.6 Low power consumption, low operating costs (no ribbon, ink cartridge)

3.7 Support ESC/POS command set

4. product specifications

Printing parameters	Printing method	Line type direct thermal printing
	Print density	384 dots/line (8 dots/mm)
	Print width	48mm
	Thermal paper	Paper width: 57mm $\pm$ 0.5mm; Diameter: 60mm (MAX); Thickness: 0.05mm-0.09mm
	Print speed	60mm/s (MAX)
	Communication interface	USB
		Money box
	Chinese	GB18030 Chinese font(24x24)
	Western	FONT A:12x24 FONT B:9x17
	User-defined	Support

Characters	Code Pages	CP_437, CP_737, CP_775, CP_850, CP_852, CP_855, CP_856, CP_857, CP_858, CP_860, CP_861, CP_862, CP_863 , CP_864, CP_865, CP_866, CP_869, CP_874, CP_875, CP_1250, CP_1251, CP_1252, CP_1253, CP_1254, CP_1255, CP_1256, CP_1257, CP_1258, ISO8859_1, ISO8859_2, , ISO8859_3, ISO8859_4, ISO8859_5, ISO8859_6, ISO8859_7, ISO8859_8, ISO8859_9, ISO8859_10, ISO8859_11, ISO8859_12, ISO8859_13, ISO8859_14, ISO8859_15, ISO8859_16, O FARSI.
Image downloading and printing		Support bitmap downloading and printing
Bar Code	One-dimensional code	UPC-A,UPC-E,EAN8,EAN13,CODE39,ITF, CODEBAR,CODE128,CODE93
	Two-dimensional code	QR Code
Detection function	Sensor	Out of paper sensor \ temperature sensor
Power supply	Type	External power adapter
	Input	AC220V-240V 50-60HZ
	Output	9V-2A
Instruction Set		ESC/POS compatible instruction set
Physical Characteristics	Working environment	0°C~45°C,10%~80%RH
	Storage environment	-10°C~60°C,10%~-80%RH
	Appearance size	113*78*78mm
	Weight	160g
Reliable Parameter	Print head	50KM

Drivers		Windows XP or above, Android
---------	--	------------------------------

5. Ancillary equipments:

Name of goods	Quantity
Printer body	1
Power adapter	1
USB cable	1

6. Installation of paper roll



7. Print the self-test page method

- 1: Install the thermal paper
- 2: Connect the power adapter
- 3: Press and hold the print paper feed button
- 4: Connect the USB cable to the printer and computer (terminal)
- 5: When printing the self-test page release the go button

8. Install the Windows driver

The driver is a connection conversion platform between the printer and the computer operating system to enable the interactive processing of information between the two parties.

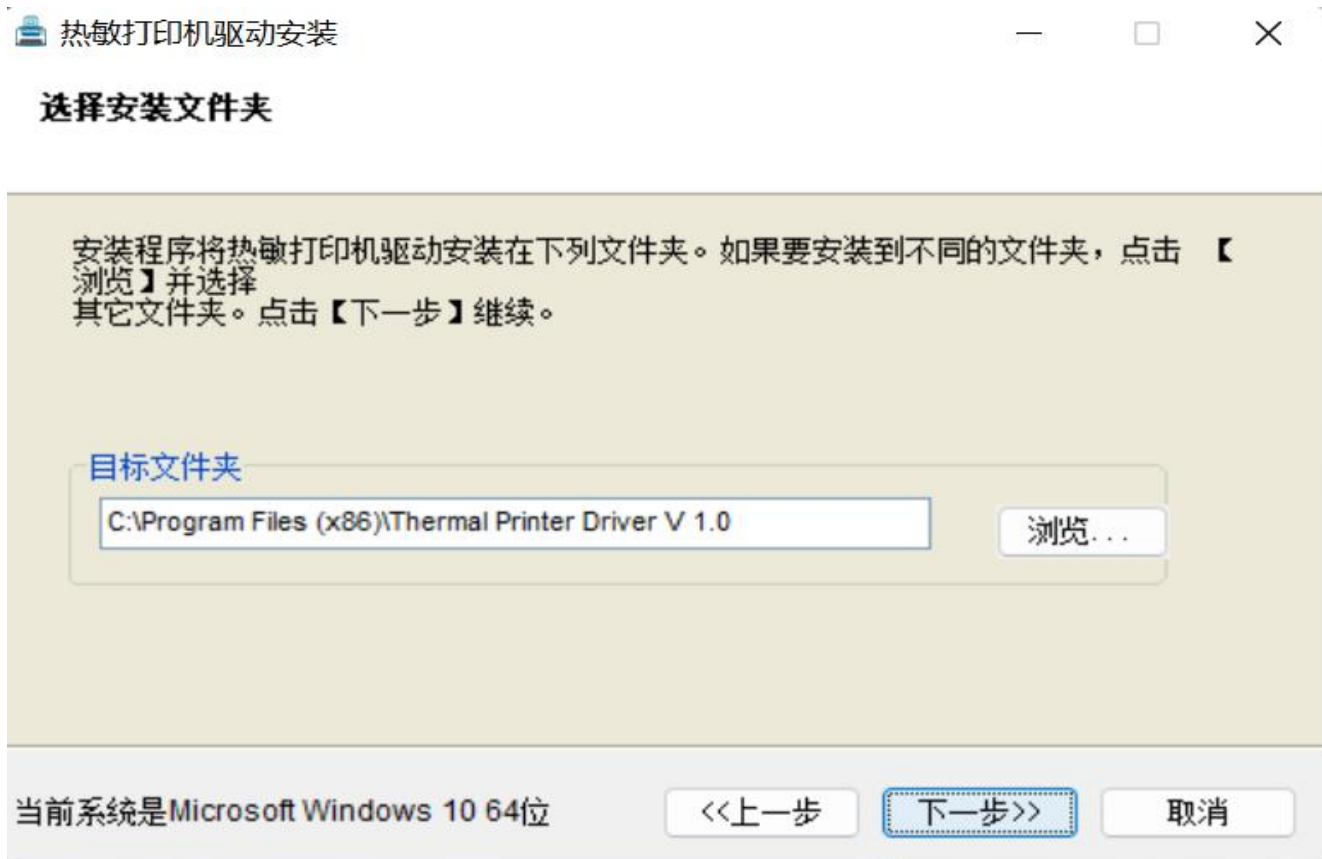
- 1) Install the driver in windowsXP and above, double-click "Setup.exe", click "OK" button:



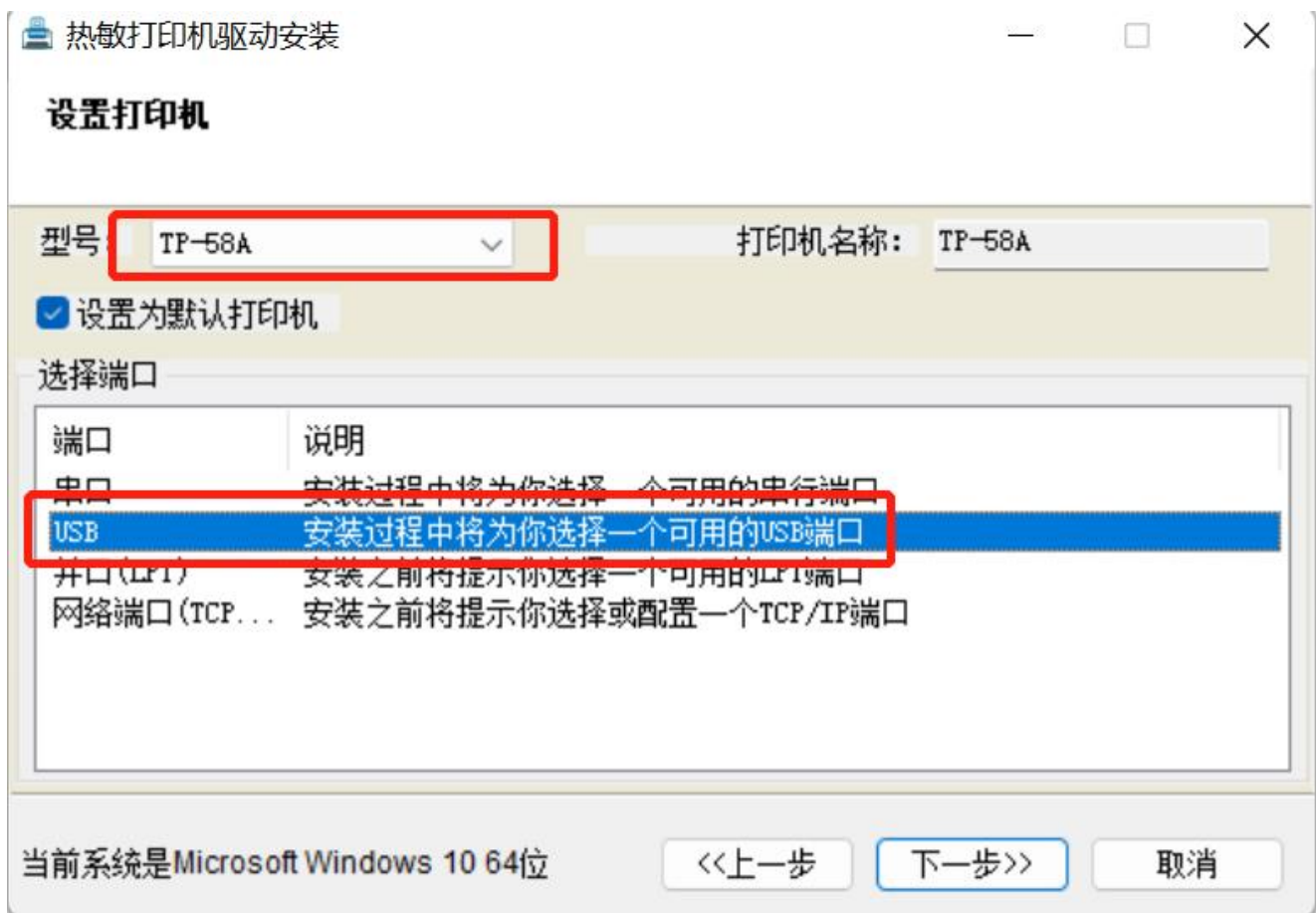
2) Enter the driver installation wizard, click the "Next" button:



3) Select the installation path, click the "Next" button:



4) Select the corresponding printer model and printer port, click the "Next" button:



5) Click the "Finish" button, the printer driver installed successfully:



9. Money box pin description

Pin Signal	Signal Name
1	FGND
2	Drawer 1
3	NC
4	VDR
5	NC
6	GND

10. Troubleshooting

When the printer is malfunctioning, refer to this chapter for the appropriate treatment. If you still cannot troubleshoot the problem, please contact your agent or the manufacturer.

1) The printer does not work

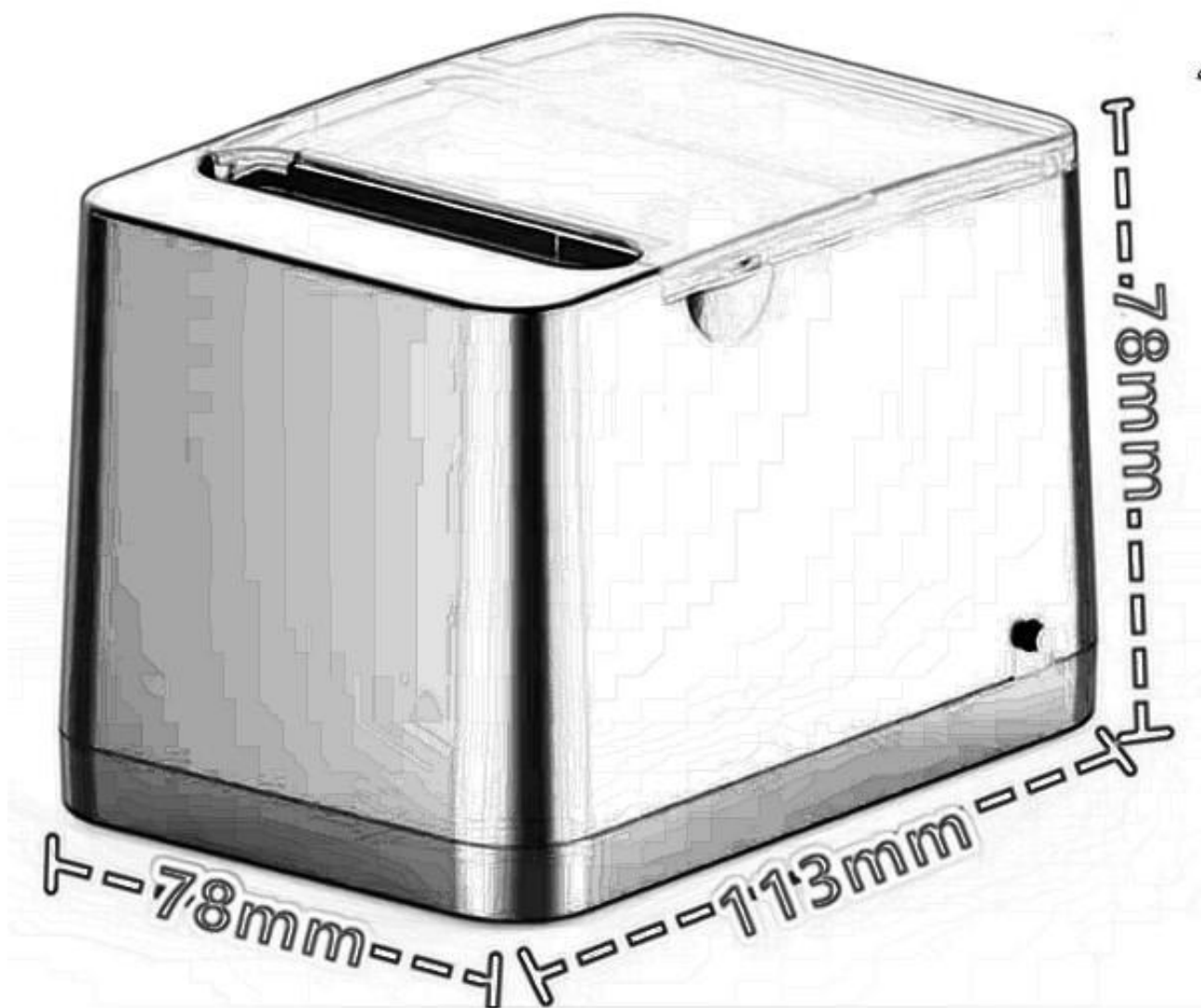
Problem	Analysis	Solution
The buzzer keeps ticking and the printer does not work	No printing paper installed	Please load the thermal paper correctly
	The print head is not pressed tightly	Press on the cover to press the print head tightly
	The print head is overheated	Wait a while for the temperature to come down to print automatically

2) Problems in the printing process

Problem	Analysis	Solution
Colored streaks appear on the paper	Print paper is running out	Pay attention to timely replacement
Print is unclear or smudged	Paper does not meet requirements	Use good quality thermal paper
	Print head or rollers are dirty	Clean the print head or rollers
Paper does not output properly	Paper jam	Open the top cover, check the paper path and remove the paper
Missing print content	Print head or rollers are dirty	Clean the print head or rollers
	Print head failure	Contact the manufacturer

11. Printer diagram, key and interface diagrams

1)Printer illustration



2) key and interface diagrams

- Feed botton
- Switch
- Power supply(9V/2A)
- USB(Type-c)
- Money box

