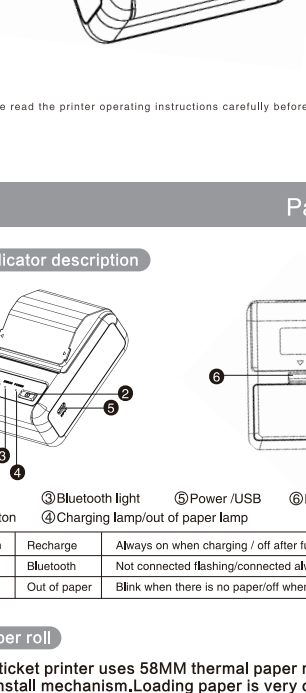


USER GUIDE

Portable thermal receipt printer

MODEL: 200P



Please read the printer operating instructions carefully before use.

1 Parts description

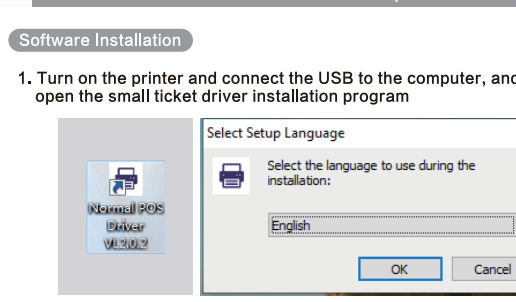
Button indicator description

① Paper key	③ Bluetooth light	⑤ Power /USB	⑥ Battery buckle
② Paper key	④ Charging lamp/out of paper lamp		
Green light on	Recharge	Always on when charging / off after full charge	
Blue light on	Bluetooth	Not connected (flashing)/connected always on	
Red light on	Out of paper	Blink when there is no paper/off when there is paper	

Install paper roll

The small ticket printer uses 58MM thermal paper rolls and adopts an easy-to-install mechanism. Loading paper is very convenient. The paper installation method is as follows:

- Open the flap in the direction of the arrow (as shown in Figure 1)
- Load paper in the direction of the arrow (as shown in Figure 2)
- Snap the flip cover of the paper bin (as shown in Figure 3)



2 Device parameters

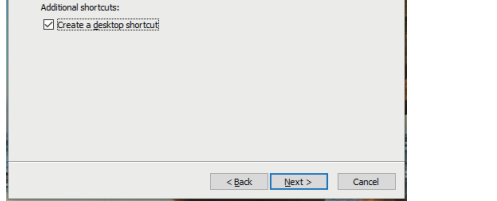
Device parameters

Printing method	Thermal	Print instructions	ESC
Print width	48mm	Maximum paper width	58mm
Print density	203 dpi	Connection method	Android / IOS / PC
Printing speed	60 mm/s	Character size	12×24, 24×24
Print interface	USB+Bluetooth	Paper loading method	Easy paper loading structure
Roll paper diameter	≤50mm	Targeting	Photoelectric sensor
Paper thickness	0.05-0.15mm	USB interface	Type-C
Print head life	30 km	lithium battery	1800mAh
Adapter	DC 5V-1A		
Barcode type	Code39, CODE128, QR Code		
Dimensions	112×81×56mm		
Working environment	Temperature: 0-45°C; Humidity 20-90%		
Storage environment	Temperature: -10-60°C; Humidity 10-90% (Except for paper rolls)		

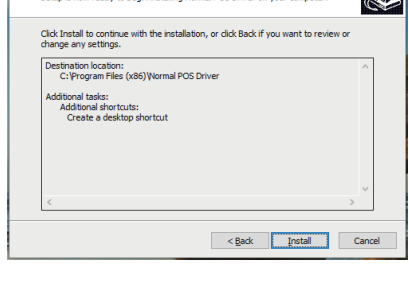
3 Computer installation

Software Installation

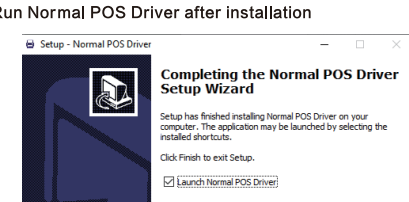
- Turn on the printer and connect the USB to the computer, and then open the small ticket driver installation program



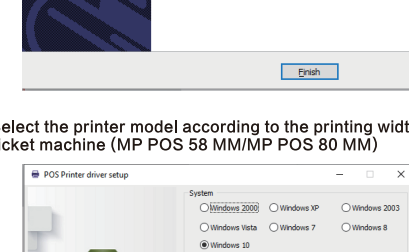
- Select the installation file path (this step is best to keep the default and not modify it, which is convenient for later maintenance)



- Select additional tasks (it is recommended to check (create icons on the desktop) for this step to facilitate later maintenance)

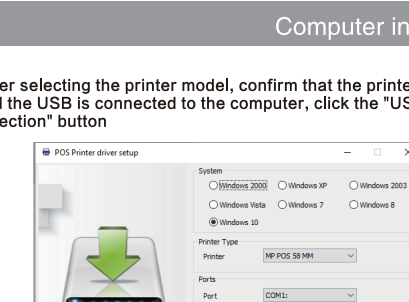


- Click install

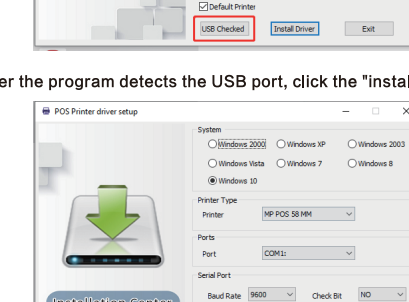


4 Computer installation

- Run Normal POS Driver after installation

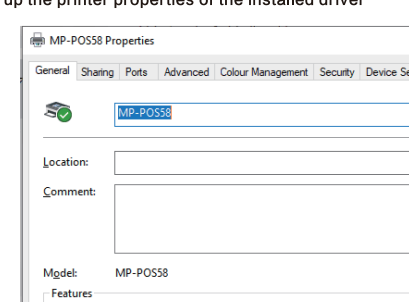


- Select the printer model according to the printing width of the small ticket machine (MP POS 58 MM/MP POS 80 MM)

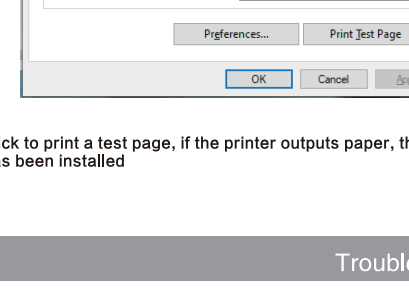


5 Computer installation

- After selecting the printer model, confirm that the printer is turned on and the USB is connected to the computer, click the "USB port detection" button

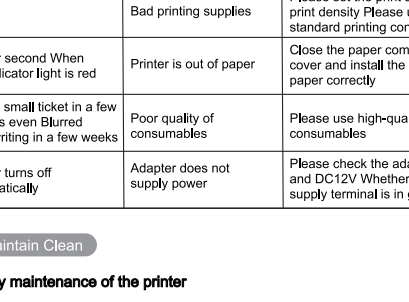


- After the program detects the USB port, click the "install driver" button



6 Computer installation

- After waiting for a period of time, the computer will automatically pop up the printer properties of the installed driver



- Click to print a test page, if the printer outputs paper, the printer has been installed

7 Troubleshooting

Troubleshooting

Failure Phenomenon	Cause Of Issue	Solution
Printer intermittent	Unstable power supply	Please check whether the adapter has poor contact
The printer only feeds paper when printing, No data is printed	Reversed printing paper	Please install the paper in another direction
Printer printing is blurry	Printer does not clean for a long time Cause the movement to be contaminated	Need to clean the printer core
	Bad printing supplies	Please set the print speed and print density Please use our standard printing consumables
Printer second When the indicator light is red	Printer is out of paper	Close the paper compartment cover and install the printing paper correctly
Print a small ticket in a few months even blurred handwriting in a few weeks	Poor quality of consumables	Please use high-quality consumables
Printer turns off automatically	Adapter does not supply power	Please check the adapter AC220V and DC12V Whether the power supply terminal is in good contact

Maintain Clean

Daily maintenance of the printer

- Cleaning the outside of the printer and the paper compartment: please gently wipe the surface of the printer and the inside of the paper compartment with a wrung wet cloth.
- The cleaning of the printer core: the printer core must be cleaned regularly, especially when the print quality declines.

8 Common problem

Printer Cleaning

The print head should be cleaned when one of the following conditions occurs in the printer:

- Printing is not clear.
- A column in the vertical direction of the printed page is not clear.
- Loud paper feeding noise.

The steps for cleaning the print head are as follows:

- Turn off the printer, open the top cover, if there is paper, remove the paper.
- If you have just finished printing, wait for the print head to cool down completely.
- Use a soft cotton cloth dipped in absolute ethanol (should be wrung out) to wipe off the dust on the surface of the print head thermal sheet.
- After waiting for the absolute ethanol to volatilize, close the cover and try the printer again.

Attention:

- Make sure that the power is turned off during routine maintenance of the printer.
- Do not touch the surface of the print head with your hands and metal objects, and do not use tools such as tweezers to scratch the surface of the print head, print rubber roller and sensor.
- Do not use organic solvents such as gasoline and acetone.
- Wait for the absolute ethanol to completely evaporate, then turn on the power to continue printing.

9 Software download

Special Disclaimer:

While information of this manual has been rigorously checked and reviewed, we still cannot rule out the possibility of spelling mistakes and technical negligence and/or errors. Such negligence and/or errors will be corrected in the updated version(s) without further notice. The intellectual property of this manual belongs to our company, and no organization or individual is allowed to change the content.

CERTIFICATE

Inspector: _____

Date of Manufacture: _____

WARRANTY CARD

Thank you for your purchase of our products. The interests of customers who purchase our products will be protected. For any malfunction due to product quality problems, please contact authorized local dealers or service centers with this receipt and the warranty card.

Warranty terms:
 For product failures occur under normal operating circumstances, free of charge repair and spare parts replacement service shall be provided by our company within one year commencing from date of purchase. Customers are required to present this warranty card and the original purchase invoice to our company upon request for warranty service. This warranty card shall be valid only after the following form is filled out in details and affixed with official seal of the dealer.
 No free of charge repair service shall be provided in the event of any of the following circumstances:

- Expiration of the warranty period;
- Damages caused by improper use, maintenance or storage not in accordance with the requirements of the user manual;
- Failure or damage resulting from unauthorized disassembly, repair or modification;
- Failure or damage caused by force majeure;
- Wear parts or accessories.

This warranty card is being delivered with the product, one card for one product. Please keep this warranty card in proper condition for free warranty service. There is no replacement if lost.

Date of Purchase: ____ Y ____ M ____ D

Product Information	Product Name	Serial Number
	Product Model Number	Manufacturing Date
Customer Information	Company Name	Contact
	Address	Phone
Sales Information	Dealer Name	Contact
	Address	Phone
	Date of Purchase	Invoice No.
Maintenance Record	Description of Malfunction	Maintenance Result
		Customer Signature
		Maintenance Technician Signature
		Maintenance Date

This copy shall be cut along the dotted line and kept by the dealer.

Product Information	Product Name	Serial Number
	Product Model Number	Manufacturing Date
Customer Information	Company Name	Contact
	Address	Phone
Sales Information	Dealer Name	Contact
	Address	Phone
	Date of Purchase	Invoice No.
Maintenance Record	Description of Malfunction	Maintenance Result
		Customer Signature
		Maintenance Technician Signature
		Maintenance Date