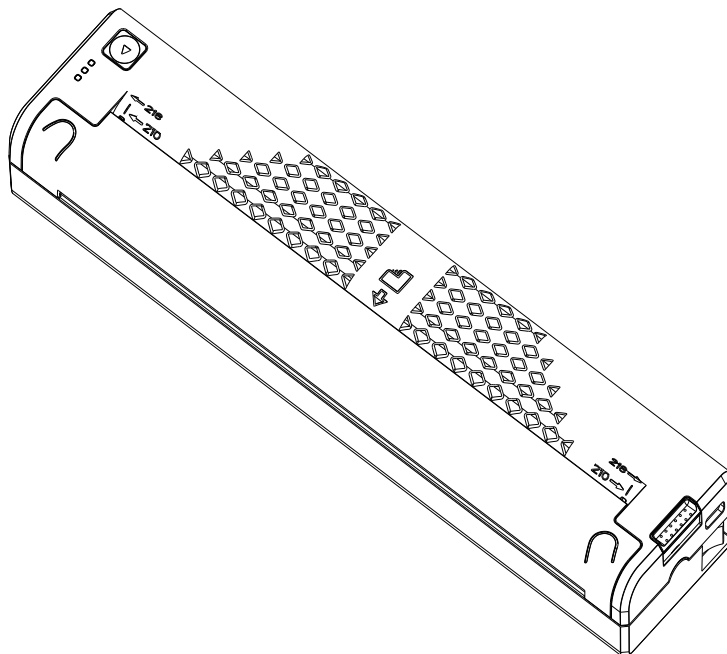


# JXM800R-08C Thermal Printer



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## Revision record

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## Catalogue

|                                                          |               |
|----------------------------------------------------------|---------------|
| <b>Chapter 1 Features and performance .....</b>          | <b>- 4 -</b>  |
| 1.1 Introduction .....                                   | - 4 -         |
| 1.2 Print performance .....                              | - 4 -         |
| 1.3 Print paper .....                                    | - 5 -         |
| 1.4 Interface .....                                      | - 5 -         |
| <b>Chapter 2 Guide to use .....</b>                      | <b>- 6 -</b>  |
| 2.1 Appearance .....                                     | - 6 -         |
| 2.2 Install the paper roll .....                         | - 6 -         |
| 2.3 Charging interface .....                             | - 7 -         |
| 2.4 Indicator light and button operation .....           | - 8 -         |
| 2.4.1 Power switch .....                                 | - 8 -         |
| 2.4.2 Feed button .....                                  | - 8 -         |
| 2.4.3 Open button .....                                  | - 8 -         |
| 2.4.4 Power indicator light .....                        | - 8 -         |
| 2.4.5 Status indicator light .....                       | - 9 -         |
| 2.4.6 Charging indicator light .....                     | - 9 -         |
| 2.4.7 Buzzer .....                                       | - 9 -         |
| 2.5 Self-detection .....                                 | - 9 -         |
| <b>Chapter 3 Driver installation .....</b>               | <b>- 10 -</b> |
| 3.1 PC driver .....                                      | - 10 -        |
| 3.2 Mobile APP .....                                     | - 10 -        |
| <b>Chapter 4 Precautions .....</b>                       | <b>- 11 -</b> |
| <b>Chapter 5 Quality Assurance and Maintenance .....</b> | <b>- 12 -</b> |
| 5.1 Maintenance .....                                    | - 12 -        |
| 5.2 Warranty .....                                       | - 12 -        |
| <b>FCC Caution .....</b>                                 | <b>- 13 -</b> |

## Chapter 1 Features and performance

### 1.1 Introduction

JXM800R-08C thermal printer adopts thermal sensitive print head and print head control circuit of Jingxin Technology, built-in lithium battery, is a super small volume, super light weight high-tech products, with reliable performance, beautiful appearance, simple operation and other advantages, a wide range of applications, is the best mobile office partner for notebook computers and Android phones.

JXM800R-08C thermal printer uses USB interface to communicate with the host, and has Bluetooth, WIFI(reserved) data communication interface.

### 1.2 Print performance

- Printing mode: line thermal sensitive printing.
- Print density: 8 dots /mm (203Dpi), 1728 dots/line.
- Printing speed: maximum printing speed is  $14\pm 1$ mm/s (coverage 12.5%, medium concentration).
- Effective print width: 216mm.
- Printing paper width: 210~216mm (recommended).
- Product Size: 262(L) X 57(W) X 29(H) mm.
- Battery: built-in 1200mAh lithium battery.
- Input voltage: 5.0V  $\pm$  2A.
- Operating environment: 0 ~ 50℃ (temperature), 10 ~ 80% (humidity).
- Reliability:

Print head life: 50km.

Conditions of use:

\* Print 12×24 characters and repeat intermittently.

\* No more than 25% of each dot line should be printed at the same time, and no m

ore than 11 times should be repeated vertically at the same dot of each character line.

✱ Use standard thermal sensitive paper.

✱ **Note:** If consumers use power adapters for charging, should purchase power adapters that have CCC certification and meet the standard requirements.

## **1.3 Print paper**

- Type of paper:
  - a、 Standard thermal sensitive roll paper width  $210\pm 1\text{mm}$  (recommended).
  - b、 A4 thermal sensitive paper.
- Loading paper mode: directly loading.
- Tearing paper method: Manually tearing paper.

## **1.4 Interface**

- USB Interface:

Standard Type-C USB interface, used for USB data communication.

- Bluetooth interface:

The printer supports Bluetooth wireless data transmission interface. The dual-mode Bluetooth module that follows Bluetooth V5.0 standard protocol is compatible with Bluetooth V2.1+EDR. It is a Bluetooth slave device and can only be driven by the main Bluetooth device (such as mobile phone, PAD, etc.). Other Bluetooth slave devices, such as Bluetooth headsets, cannot print through a Bluetooth driven printer.

The default device name for the printer is JXM800R08XXXXX(which can be found on the printer label), and the Bluetooth connection defaults to simple pairing.

## Chapter 2 Guide to use

### 2.1 Appearance

The appearance of the JXM800R-08C printer is showed in Fig.2-1.

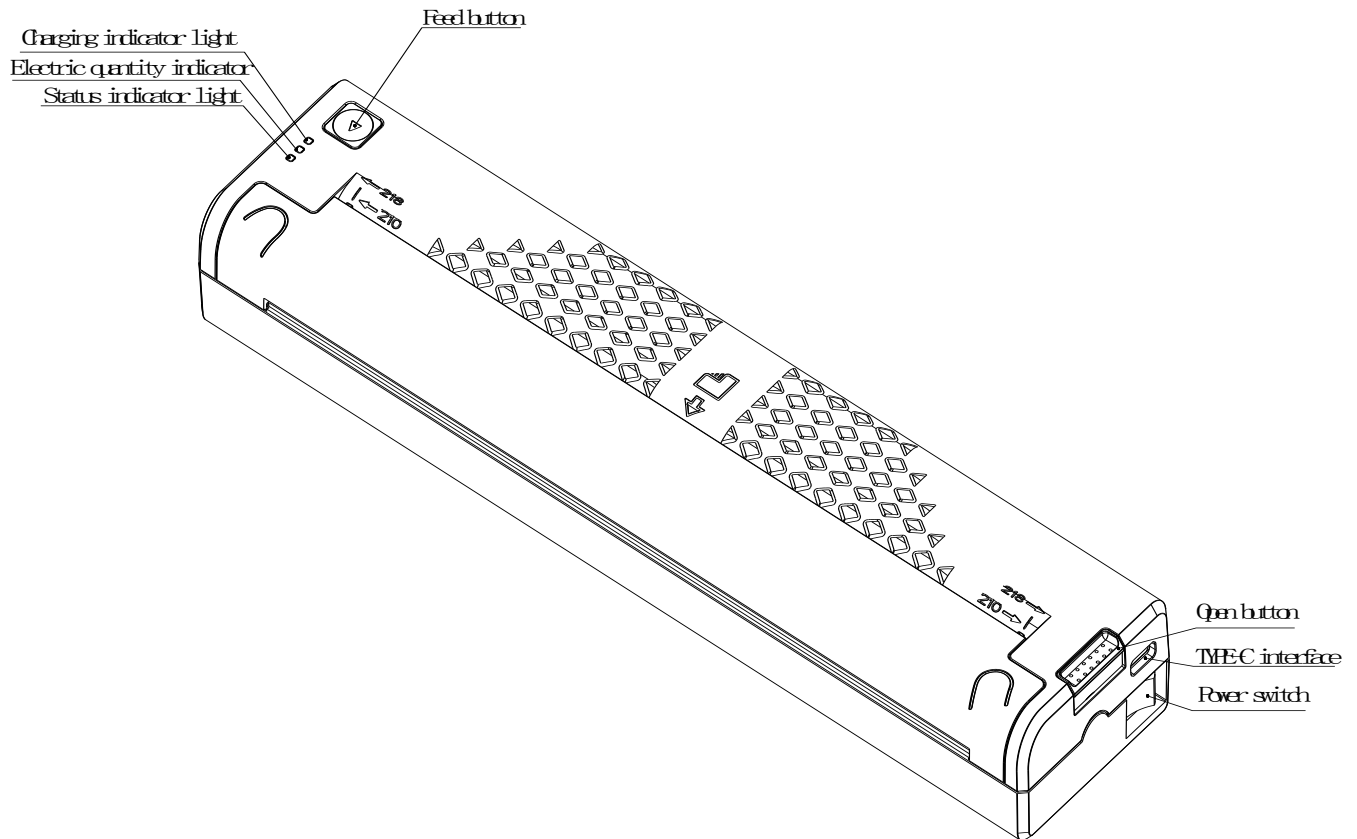


Fig.2-1 Appearance of the JXM800R-08C

### 2.2 Install the paper roll

The JXM800R-08C printer uses thermal sensitive paper 210 to 216mm wide. It is recommended to use a MAX  $\phi$  50mm thermal sensitive paper roll.

Thermal sensitive paper installation steps are as follows:

1. As shown in Fig. 2-2, place a single A4 paper or roll directly into the paper inlet (smooth side down), and automatically detect and inhale appropriate paper length. Press  to adjust the feeding length manually.

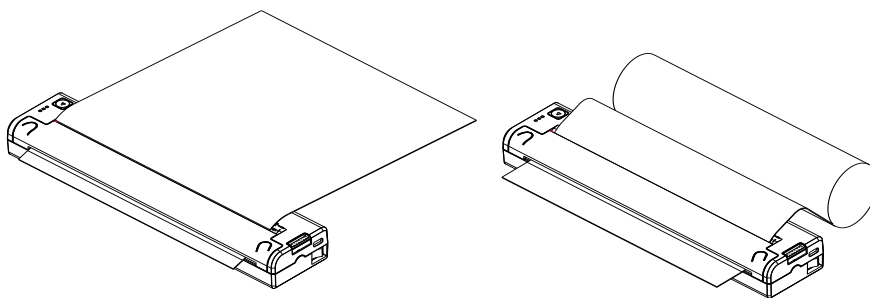


Fig.2-2

1. When there is no paper in the print head, please do not press  to avoid affecting the service life of the print head.
2. After the flap is closed, do not manually pull the paper forward or plug the paper backward.

## 2.3 Charging interface

JXM800R-08C printer uses the standard Type-c USB interface as shown in Fig.2-3, for data communication and charging. When charging, use DC5.0V  2A power adapter with CC certification.



Fig.2-3 USB interface

Note: If this product is used for the first time or left idle for a long time, it may be unable to start because of low battery, please charge it for at least half an hour before starting it !

## 2.4 Indicator light and button operation

### 2.4.1 Power switch

Controlling the switching state of the power supply.  shows the closed state.

Press “ - ” to turn on the power supply.

### 2.4.2 Feed button

【】 is the paper feed button, Press 【】 key for printer feeding, release 【】 key to stop feeding.

### 2.4.3 Open button

As shown in Fig. 2-4, press the open button to open the cover component for cleaning and other troubleshooting.

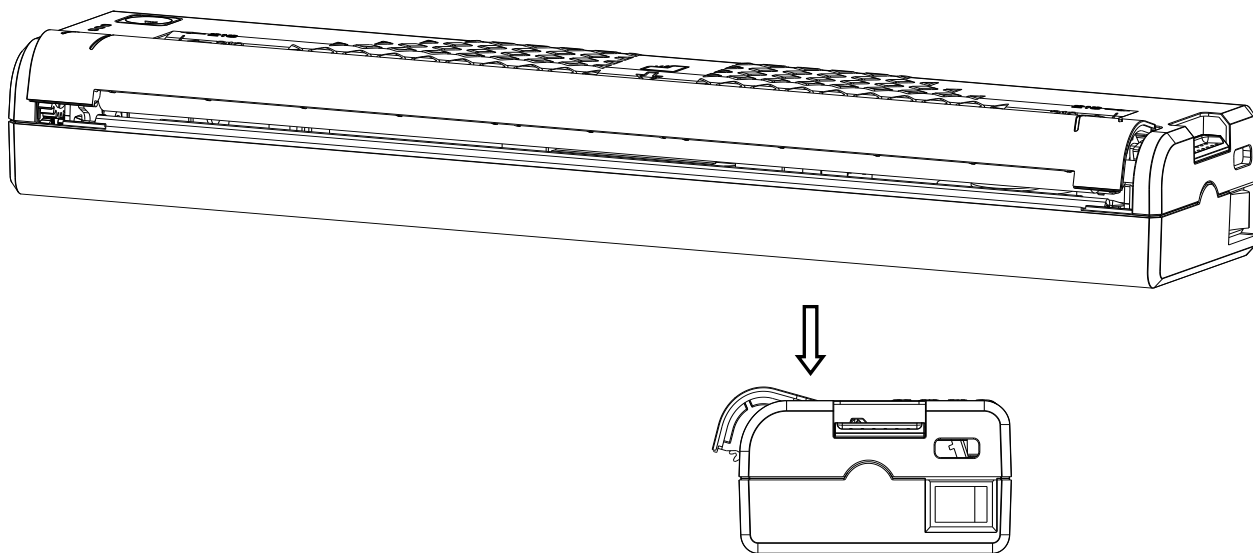


Fig.2-4

### 2.4.4 Power indicator light

- Steady green light: full battery.

- Steady red light: low battery.
- Not lit: No power.

### **2.4.5 Status indicator light**

The status indicator is red LED, indicating the real-time status of the printer. When the printer is properly deployed (there is paper and the print head is pressed down), the indicator is off. The red LED flashes when the printer is in an abnormal deployment state (missing paper or printing head raised).

### **2.4.6 Charging indicator light**

The charging indicator is red LED, indicating the charging status of the printer. When the printer is in charging state, the indicator light is on. When the printer is fully charged, the indicator is off.

### **2.4.7 Buzzer**

The buzzer is mainly used to indicate the real-time status of the printer. When the printer is powered on, the buzzer will stop ringing once, indicating that the printer is in normal state (there is paper and the print head is pressed down).

## **2.5 Self-detection**

Self-detection can detect whether the printer is working properly. If it can correctly print the self-check content (print the QR code downloaded by APP, scan the QR code by connecting the mobile phone), it means that in addition to the communication interface with the host, other parts of the printer work properly; Otherwise, maintenance is required.

Self-detection method: keep press the  key and switch on the power, and then release the  key, the printer will enter the Self-detection printing.

## **Chapter 3 Driver installation**

### **3.1 PC driver**

Download the PC driver of JXM800R-08C printer from our official website, path is “Service Support ----- Data download-----Release170522”.The PC supports WinXP, Win7, and Win8. During the driver installation process, select “JingXinThm217” as the printer model. For other operations, see the PC driver installation manual of -JX Series thermal printer.

### **3.2 Mobile APP**

Android/IOS: Scan the QR code of Fig.3-1 “JING PRINT” to download and install the APP . (Note: shared by Android/IOS).



**Fig.3-1 “JING PRINT”**

## Chapter 4 Precautions

- 4.1 If there is smoke, abnormal smell, or abnormal noise, turn off the power immediately. Continued use may cause a fire. The plug should be unplugged immediately, and contact the seller or Jingxin customer service center to ask how to deal with it.
- 4.2 Do not attempt to repair the printer by yourself to avoid other faults.
- 4.3 Do not disassemble or correct by yourself. Avoid damage to the printer or cause fire.
- 4.4 Do not use the power supply that is not configured by the company to avoid faults.
- 4.5 Prevent foreign matter from being transferred into the printer to avoid fire.
- 4.6 If someone or other liquid flows into the machine, please immediately unplug the power cord and contact the seller or Jingxin customer service center to find a solution. Fire may occur if you continue to use the printer.
- 4.7 Do not use cables not provided by our company. Different connection methods may damage the printer.
- 4.8 Place the printer on a firm and stable level. Lest the machine be broken.
- 4.9 Do not use the printer in damp or dusty places.
- 4.10 If the printer is not used for a long time, please turn off the power of the unit.

Warning! This product is sold without a power adapter. If consumers use a power adapter for power supply, should purchase a power adapter that has CCC certification and meets the standard requirements. The output specification of the adapter should meet:

5.0V  $\overline{\text{---}}$  2A.

## Chapter 5 Quality Assurance and Maintenance

The company guarantees that the product can play its superior performance under normal use and maintenance, and the company also provides a one-year warranty service.

### 5.1 Maintenance

If the machine does not work properly, please check your machine by following the steps below before contacting the maintenance center.

- The power supply is on, but the power indicator is off.

If the battery is dead, connect the external power adapter to check.

- Unable to print.

- 1) Whether the printing paper is properly installed and whether the front side of the paper is outside.
- 2) Whether the driver is installed properly.
- 3) If the mobile APP cannot print, please confirm whether the Bluetooth interface is correctly connected.

**In addition to the above simple maintenance, this product is prohibited by the user to repair, please do not change components without authorization, such as blind maintenance, caused by the printer cannot work normally is not within the scope of warranty, by the user to bear.**

### 5.2 Warranty

Warranty period: the user from the company to buy the machine, spontaneous shipment date from the calculation, warranty period of one year. During the warranty period, the following conditions will not enjoy free service, the maintenance costs shall be borne by the user:

- A. Printer damaged by user's improper operation.

- B. Damage caused by customer's own maintenance and transformation.
- C. Damage caused by non-conforming customer service conditions.
- D. Damage caused by natural disasters.

## **FCC Caution**

### **§ 15.19 Labeling requirements.**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **§ 15.21 Information to user.**

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **§ 15.105 Information to the user.**

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**RF warning for portable device:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. And can be used as a portable device without any restriction .