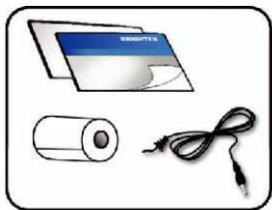


M11

QUICK INSTALLATION

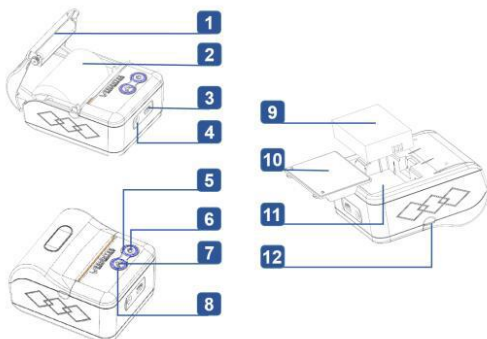
快速安装



东莞炜煌打印机有限公司
DongGuan Brightek Printer Co.,Ltd



● 打印机各部件一览 Printer Parts Names



- | | | |
|-------------------------|------------------------------|----------------------------|
| 1. 纸仓盖 Paper Case Cover | 5. 开关指示灯 Switch Indicator | 9. 电池 Battery |
| 2. 打印纸 Paper Roll | 6. 电源开关 Power Switch | 10. 电池盖 Battery Case Cover |
| 3. 数据接口 Data Interface | 7. 走纸键 LF Paper Feed Button | 11. 电池仓 Battery Case |
| 4. 电源接口 Power Connector | 8. 缺纸指示灯 Paper end Indicator | 12. 开盖开关 Case Cover Lock |

按钮开关的操作及指示灯:

开机: 打印机按住电源开关 3 秒钟, 电源打开。工作状态指示灯闪亮。少于3秒钟电源不动作。

关机: 在开机状态, 按压电源开关3秒钟, 电源关闭, 工作状态指示灯熄灭。少于3秒钟电源不动作。

走纸: 按压走纸键 (LF 键), 按下开始进纸, 放开停止进纸。

自检检测方式:

关机状态下按压走纸键 (LF) 键, 然后开机, 可以打印自检 (自检条显示程序版本、通信配置等打印机配置信息)。

Operation:

Power On: Press and hold the power switch for 3 seconds to turn on the printer. The working status indicator flashes. The power supply will not operate for less than 3 seconds.

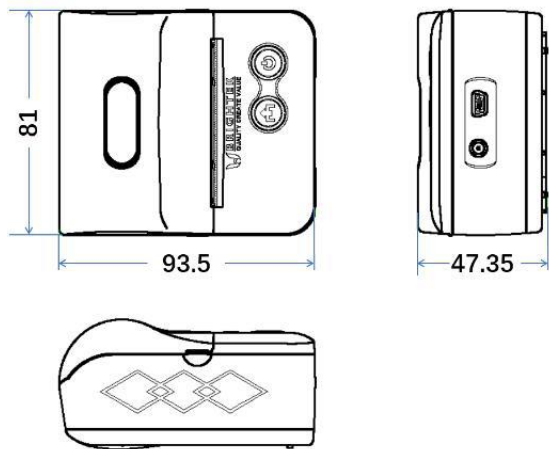
Power Off: In the power-on state, press and hold the power switch for 3 seconds to turn off the printer. The working status indicator is off.

Paper feed: Press the paper feed button (LF button) to start paper feeding.

The Self Test:

When the printer is powered off, press and hold the paper feed button (LF button) and then power on the printer. It can print out the self-test slip (the self-test slip shows the program version, communication setting and other printer configuration information).

● 尺寸 Size



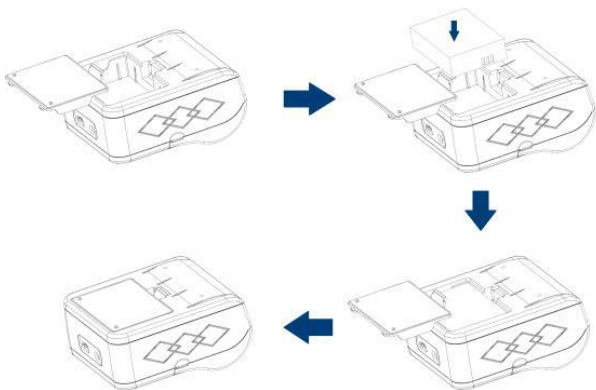
M11 型尺寸 Product Size:

外型尺寸 Outline Dimension: 93.5mm X 81mm X 47.35mm

打印纸规格 Paper Size:

纸类型 Paper Type	厚度 Thickness	宽度 Width	纸卷直径 Diameter
热敏纸 Thermal Paper	0.06 ~ 0.08mm	57 ± 0.5mm	40mm (Max.)

● 安装 Installation



安装方法:

如图推开电池盖，将电池下端两个卡位卡入打印机内，并用力将另一端扣入，电池盖推回即可。

Installation method:

Open the battery cover as shown in the figure, snap the two slots at the lower end of the battery into the printer and push the other end firmly in, then close the battery cover.

● 连接 Connection



通讯连接:

USB或串口连接: 请严格参照公司网站所提供说明书所示引脚定义连接。

蓝牙通讯连接: 支持安卓设备或者IOS设备通过蓝牙连接打印机, 此通讯口可选配。

电源连接:

此便携式微型打印机使用生产商提供的充电电池供电。

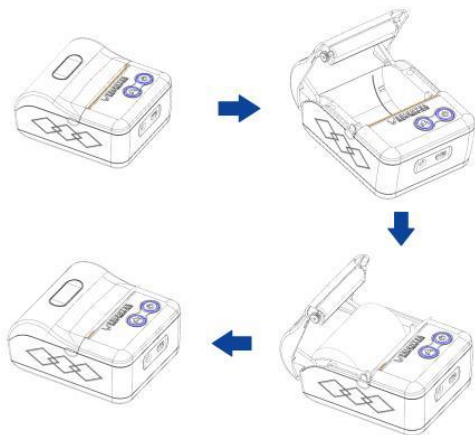
Communication Connection:

- USB or serial port connection: Please strictly refer to the pin definition connection shown in the manual provided by the manufacturer.
- Bluetooth communication connection: Support Android or IOS devices to connect to the printer through Bluetooth. This Bluetooth feature is optional.

Power Connection:

This portable micro-printer is powered by a rechargeable battery provided by the manufacturer.

● 装纸 Paper Roll Loading



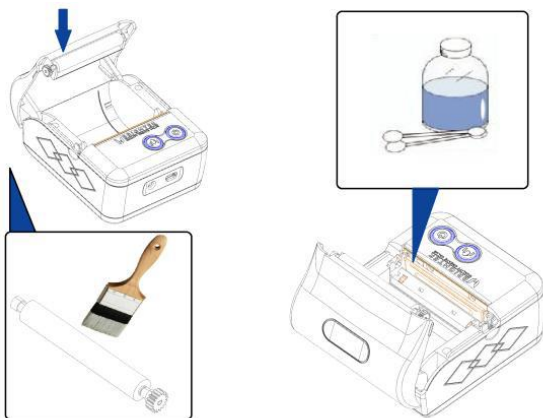
安装步骤:

1. 如图所示沿着箭头方向翻开活动纸仓盖。
2. 把打印纸装入，并拉出一截(超出一点撕纸牙齿)，把纸放整齐，同时注意纸的方向有药液的一面（光滑面）向下。
3. 合上纸仓盖，打印头走纸轴压齐打印纸后稍用力把打印头走纸轴回打印头。
4. 开机。按下LF键使机头转动，如果纸走歪，再按下LF键

Paper Loading Procedure:

1. Open the paper case cover in the direction as shown in Figure.
2. Load the paper roll inside the case, pull out a section of the paper and put it in the paper outlet, note the direction of the paper with the heat-sensitive chemical surface (smooth side) facing down.
3. Close the paper case cover, press the platen of the print head to the printing paper with a little force.
4. Power on the printer, press the LF button to rotate the printer head and feed the paper. If the paper is skewed, re-load the paper and then press LF button again to ensure the paper coming out from the outlet smoothly.

● 清洁 Cleaning



清洁保养：

打印机使用久了以后，热敏条与切滚轴上会留下一些污垢，如果不及时清理会影响到打印机的使用与寿命。我们建议您不定期做好清理。

纸仓盖打开后，用棉棒沾少许酒精，轻轻擦拭打印机热敏头，及纸仓上的切刀滚轴。

Cleaning and Maintenance:

After the printer is used for a long time, dirt will be left on the thermal strip and the roller, which will affect the printing quality and service lifespan of the printer. It is recommended to clean up the printer regularly.

Open the paper case cover, clean the thermal head and the cutter roller gently with a soft cotton swab moistened with ethyl alcohol.

● 产品维护手册

一、打印机故障分析及排除：

故障现象	可能原因	处理措施
打印内容空白	打印纸装反	检查打印纸方向是否装反，有药液一面（光滑面）朝向纸仓内
打印内容乱码或不打印接口数据	数据线没插好	检查数据连接线是否有松动或连接是否良好
	串口配置参数不对	串口机型：检查串口配置参数（波特率、数据位、停止位、校验位和流控制）是否与上位机匹配
打印内容颜色比较浅或打印一半	电源电压低	检测打印机供电电源功率是否正常
打印内容缺列或部分内容模糊	机头加热板有异物	关闭打印机电源，打开纸仓盖检查机头加热板上是否有异物或划伤，如有异物，用医用棉签蘸无水酒精清洗；划伤请返回厂家检修
没纸状态下，机头还一直转动	测纸传感器有异物	关闭打印机电源，检查机头测纸传感器表面是否有异物，如有异物，用医用棉签蘸无水酒精清洗

注：打印机内的电子元件不能随意拆卸或代换，如出现故障现象按照以上方法无法修复，请拨打售后技术支持电话：400-666-6868

二、打印机使用注意事项和日常保养：

1、使用打印机之前，先将各种线完全插好，检查连接正常后再开机。

注意：串口机型不能带电插拔数据线。

- 2、必须使用原厂配备电源和连接线，否则打印机将出现异常现象。
- 3、必须使用符合要求的纸卷（如纸厚度、宽度、打印面比较光滑等），以延长打印机加热板寿命
- 4、打印机不得在无纸的状态下（没有缺纸报警）打印，否则将严重损害热敏打印头。
- 5、避免水或导电的物质（例如：金属）进入打印机内部，一旦发生，应立即关闭电源。
- 6、打印机在暂时不用时应将电源关闭，以延长打印机使用寿命。
- 7、定期清理打印机加热板和滚轴表面，以免影响打印内容的效果。
- 8、定期清理机头测纸传感器表面的异物，防止出现缺纸不报或误报警现象。
- 9、打印机在出现异常故障现象时，请先切断电源，然后通知相关人员进行检修。

注：在日常保养时，必须确保关闭电源，不要用手或金属物体触摸机头加热板和胶辊的表面。

Maintenance Manual

A. Printer failure analysis and troubleshooting:

Failure	Possible reason	Measures
Print content is blank	The paper is reversed loading	Check if paper roll is reversed loading or not. Ensure the paper side with liquid coating is facing the paper case.
The print content is garbled or the data is not printed from the interface	The data cable is not plugged in	Check if the data cable is loose or well connected
	The serial port configuration parameters are incorrect	Serial port model: check whether the serial port configuration parameters (Baud rate, data bit, stop bit, parity bit and flow control) match the host correctly
The print content is lighter or half printed	The power supply voltage is too low	Check if the printer power supply voltage is normal
The print content is missing or part of the content is blurred	There is foreign object in the printer head	Turn off the printer and open the paper case cover to check if there are foreign objects or scratches on the heating plate of the printer head. If there are foreign objects, clean the thermal head with a soft cotton swab moistened with ethyl alcohol. For scratches, please return to the factory for repair.
Machine keeps rotating when there is no paper	There is foreign object in the paper sensor	Turn off the printer and check if there is any foreign object on the surface of the paper sensor on the printer head. If there is foreign object, clean it with a soft cotton swab moistened with ethyl alcohol.

Note: The electronic components in the printer cannot be disassembled or replaced at will.

B. Precautions and daily maintenance:

- Before using the printer, fully plug in the various cables. Check the connection is normal and then turn on the printer.

Note: For model with serial port, do not plug and unplug the data cable when the printer is power on.

- Please use the original factory equipped power supply and connection cable; otherwise the printer may operate abnormally.
- If the printer has rechargeable battery and is not used for a long time, it should be charged regularly (say every 3~4 months) in order to extend the service life of the battery.
- Please use paper rolls that meet specifications (such as paper thickness, width, smooth printing surface, etc.) to extend the life of the printer thermal plate.
- Do not operate the printer when there is no paper (no paper out alarm); otherwise it will seriously damage the thermal print head.
- Avoid water or conductive materials (e.g. metal) from entering the printer. Once it happens, turn off the power immediately.
- The printer should be turned off when it is not in use temporarily to extend the life of the printer.
- Clean the printer thermal plate and roller surface regularly in order to ensure printing quality.
- Regularly clean the foreign object on the surface of the paper measuring sensor of the printer head to prevent non-reporting of paper shortage or false alarm.
- In the event of abnormal malfunctions of the printer, please cut off the power first and then notify the technical personnel for maintenance.

Note: During daily maintenance, please ensure that the power is turned off and do not touch the surface of the thermal plate and rubber roller of the printer head with your hands or metal objects.