WI-FI PRINTER

User's Manual

LAUNCH TECH. CO., LTD.

Launch Industrial Park, North of Wuhe Avenue, Banxuegang, Longgang, Shenzhen, Guangdong, P.R.China, 518129

Tel: +86-755-84528767

http://www.cnlaunch.com

http://www.x431.com

1. Introduction

This Wi-Fi printer is an optional accessory of a series of LAUNCH's diagnostic devices. The built-in Wi-Fi module enables you to easily print the real time test results without connecting any USB cable.
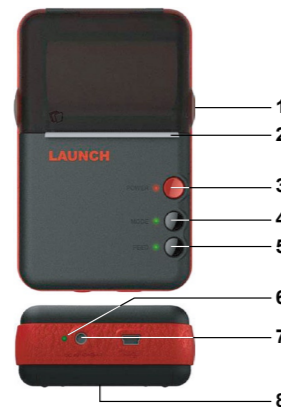
Compared to conventional printers, it is smaller and easier to carry. Meanwhile, being free of paper spindle, it is also simple and fast to load printing paper. In addition to the included DC power adaptor, it can be powered alternatively by the built-in rechargeable battery, which enables you to use it anytime and anywhere.

Furthermore, this printer has auto-hibernate and auto power-off features. While it does not perform printing operation, it will enter auto sleeping mode to save power. If no activities are made within 30 minutes, it will power off automatically. To start printing, users need to power it on again.

2. Accessories

a) DC adaptor x 1

b) Rechargeable Lithium battery x 1

c) Thermal printing paper x 1

3. General Controls

1) **Side lock notch**

2) **Paper outlet**

3) **POWER button:** Hold and press it for 2 seconds to turn it on/off.

4) **MODE (ready) button:** Press it to get the printer ready or switch it to manual feed mode.

5) **FEED (paper test) button:** Press it to test whether thermal paper is properly installed while the MODE indicator goes out.

6) **CHARGE indicator**

[Green]: Indicates the battery is fully charged.

[Red]: Indicates it is charging.

7) **DC 9V adaptor jack** (Note: The USB port next to it is disabled. Do not attempt to insert the cable into it.)

8) **Rechargeable battery**

4. Thermal paper loading

This Wi-Fi printer applies thermal paper roll with size of Φ30×57mm. Follow the steps described as below to load it.

1. Hold the side notches on the front of the printer and lift it up to open the cover.

2. Place the unpacked thermal paper into the compartment with its starting end approaching to the paper outlet (refer to the figure shown as below). Reversing paper direction will result in that no results will be printed out.

3. Pull out some printing paper and introduce it along the slot until it comes out of the paper outlet shown as below. Otherwise, paper can not be fed.

4. Close the paper cover and press it down until you hear a click (see the figure shown on the next page).

Notes:

A. After loading the paper, users need to check whether the paper can be fed normally. For details, please refer to "How to print test results".

B. If the printer keeps printing for a long time, the thermal matrixes (shown as below) will overheat. To avoid a risk of burning injury, please do NOT touch the matrixes.

Notice: The printer applies the thermal paper, which should be prevented from being heated before printing, otherwise, the paper would be no longer effective or printing results disappear.

5. Using the rechargeable battery

The included rechargeable battery must be installed to ensure that the printer can print the test result normally. This printer utilizes a 7.2V, 1200mAh rechargeable Lithium battery. Do the following steps to install and charge it:

1. Align the latches on the bottom of the battery with the holes (shown as right) on the battery compartment.

2. Press the battery down until it is firmly fitted.

3. Press the [POWER] button for 2 seconds to turn it on. If the battery is low, the [POWER] indicator blinks. Please plug the included adaptor into an outlet to charge the battery in time. While charging, the charge indicator turns red. After charging is complete, the indicator will turn green. The normal charging time is 2 hours.

Notes:

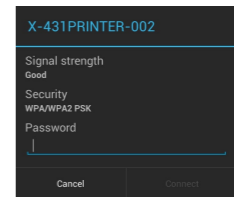*A. Please use the included DC adaptor and rechargeable battery only. We assume no responsibilities for any personal injury or loss resulting from using other adaptors or rechargeable batteries not specified in this user manual.*

B. If the printer keeps unattended for a long period, please remove the rechargeable battery.

6. Wi-Fi connections

Before printing, you need to make Wi-Fi connection and settings.

1. Tap "**Settings**" on the main menu of your diagnostic tool.

2. Tap "**Wi-Fi**" and slide its switch to ON.

3. Locate and tap the **X-431PRINTER-XXX** (XXX stands for 3 numbers).

4. Input the identity password (default factory value is 12345678) and tap "**Connect**". "Connected" will appear on the screen once it is successful.

7. How to print test results

There are three indicators on the printer:

* **[POWER]:** Power indicator

[Red]: Indicates that the printer is on.

[Red and blink]: Indicates that the rechargeable battery is low.

[Off]: Indicates the printer is off.

* **[MODE]:** Ready indicator

[Green]: Indicates that the printer is ready.

[Green and blink]: Indicates that no thermal paper is loaded or the printer runs out of paper.

[Off]: Indicates that the printer is switched to manual feed mode.

* **[FEED]:** Paper test indicator

[Green]: Indicates that users can press the [FEED] button to check whether the paper is fed normally.

[Off]: Indicates that manual mode is off.

Press the [POWER] button for 2 seconds to turn it on, the [MODE] indicator will blink and then remain on. (Every time you load or change the paper, press the [MODE] button to turn off the indicator first, and then press [FEED] to test whether paper can be fed normally.) When the [MODE] indicator is on, it shows that the printer is ready.

If the printer icon appears on the top of the screen, it means that printing operation can be done. Tap it to start printing.

Notes:

A. Never expose the apparatus to sunshine, rain, or water.

B. Make sure that this apparatus operates in the following conditions:

Working temperature: -10°C~50°C

Working humidity: 5°C RH~90°C RH.

Statement: LAUNCH reserves the rights to make any change to product designs and specifications without notice. The actual object may differ a little from the descriptions in the manual in physical appearance, color and configuration.

Wi-Fi打印机

用户手册

深圳市元征科技股份有限公司
地址：深圳市龙岗区坂雪岗工业区五
和大道北元征工业园
邮编：518129
http://www.cnlaunch.com
http://www.x431.com
全国客服热线：400 830 5166

1. 产品介绍

此Wi-Fi打印机为元征公司诊断设备的选配附件。
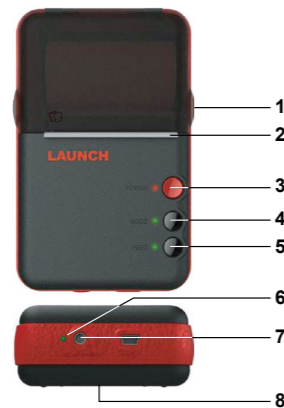
其内置Wi-Fi模块，您在实际测车过程中无需进行任何数据连线，即可实时打印测试结果。

同传统打印机相比，此打印机体型小巧，便于携带，采用无转轴易装纸设计，装纸过程简单快捷，内置可充电电池，方便用户随时随地灵活使用。

此打印机具有自动休眠和自动关机的功能，在不打印时自动进入休眠模式，30分钟之内没有任何操作则自动关机，从而最大限度节约能耗。

2. 配件

a) 电源适配器 x 1
b) 可充电锂电池 x 1
c) 热敏打印纸 x 1

3. 控件说明

1
2
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1) 侧面锁槽
2) 出纸口
3) POWER（电源）按钮：长按此按钮2秒开机或关机。
4) MODE（打印就绪）按钮：按此按钮使打印机准备就绪或切换至手动走纸模式。

4. 打印纸的安装

此Wi-Fi打印机使用Φ30×57mm的热敏打印纸。具体安装过程，请参考如下所述步骤：

1. 使用手指捏紧位于打印机前端侧面的锁钮（见右图中圈住部分），然后轻轻地用力拨起，打开装纸盒盖。

2. 将拆开的热敏打印纸安放在装纸盒中，注意装纸的方向，打印纸的始端应靠近出纸口。反向装纸会导致测试结果无法打印出来。

3. 展开一些打印纸，并将它沿出纸槽引出（参照下图）。否则，打印纸无法走纸。

4. 合上装纸盒盒盖。合好时，将会听到卡嗒声。打印纸安装完毕后的示意图

5) FEED（出纸测试）按钮：MODE 指示灯熄灭时，按此按钮测试打印机走纸是否正常。

6) 充电指示灯：
   [绿色]：表示电池充电已饱和。
   [红色]：表示正在充电。

7) DC 9V电源适配器接口（注：此接口勿造的Mini USB插孔不可用，请勿插入任何数据线。）

8) 充电电池

中，注意装纸的方向，打印纸的始端应靠近出纸口。反向装纸会导致测试结果无法打印出来。

如右所示：

说明：
A. 装纸后，用户需要测试下安装的打印纸走纸是否正常。具体测试过程，请参考"打印测试结果"部分。
B. 如果打印机持续打印很长一段时间，靠近出纸口的热敏头（见下图所示）会过热，请不要触摸它以免烫伤。

注意：打印纸为热敏打印纸，应避免打印纸受热，以免使打印纸失去效能或者打印结果消失。

5. 使用充电电池

为确保此打印机能正常打印，使用时必须安装充电电池。本打印机使用7.2V，1200mAh的可充电锂电池。具体安装、充电步骤，请参照如下：

1. 将电池底部突出的卡锁（如下图）与电池盒中的凹槽对齐。

2. 然后按压电池顶部直至完全咬合。

3. 按[POWER]按钮2秒开机，如果电池电量不足，[POWER]指示灯会开始闪动，此时请连接配备的电源适配器给电池充电。充电指示灯会呈现红色。充电达到饱和状态时，指示灯会变成绿色。正常的充电时间一般为2小时。

说明：
A. 请使用配备的适配器和充电电池。对于使用非本公司提供的适配器和充电电池所造成的个人身伤害或损失，本公司概不承担任何责任。
B. 长时间不使用打印机时，请取出充电电池。

6. Wi-Fi连接和设置

进行打印前，用户需进行Wi-Fi连接和设置。
1. 点击诊断设备主菜单上的"设置"。
2. 点击"WLAN"，然后将其开关拨至ON位置。
3. 找到并点击需要连接的Wi-Fi热点，其默认名称为X-431PRINTER-XXX（其中XXX代表3位数字）。

   X-431PRINTER-002
   信号强度
   安全性　WPA2 PSK
   密码
   □显示密码

4. 输入密码（默认值为12345678），然后点击"连接"。如果显示"已连接"，则表示已连接成功。

7. 打印测试结果

打印机上有三个指示灯：
* [POWER]：打印机电源指示灯
   [红色]：表示打印机处于正常工作状态。
   [红色并闪动]：表示电池电量不足。
   [熄灭]：表示打印机处于关机状态。
* [MODE]：打印准备就绪指示灯
   [绿色]：表示打印机已就绪状态。
   [绿色并闪动]：表示没有装纸或打印机缺纸。
   [熄灭]：表示已切换至手动走纸模式。
* [FEED]：走纸测试指示灯
   [绿色]：表示按[FEED]按钮时可测试打印机走纸是否正常。
   [熄灭]：表示已取消手动走纸测试。

按[POWER]按钮2秒开机，[MODE]指示灯会闪动，然后保持正常。（每次装纸后，用户可以先按[MODE]按钮关闭指示灯，然后按[FEED]按钮测试安装的打印纸纸纸是否正常。）[MODE]指示灯亮时，表示打印机已准备就绪。

如果诊断设备屏幕上方出现打印机图标，表示支持打印操作。点击此图标即可开始打印。

说明：初勿将此打印机暴露在强光中，而中或水中等。
此打印机工作环境应满足如下条件：
工作温度：-10℃-50℃
工作湿度：5℃ RH-90℃ RH

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