

## WI-FI PRINTER



## User's Manual

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## 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  $\Phi 30 \times 57$ mm. 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.

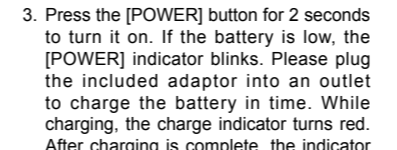


**Notice:** The printer applies the thermal paper, which should be prevented from being heated before printing, otherwise, the paper would be no longer effective or printing results disappear.

## 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

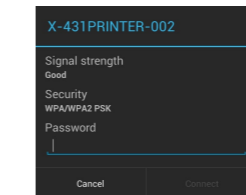
responsibilities for any personal injury or loss resulting from using other adaptors or rechargeable batteries not specified in this user manual.

- 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:  $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$   
Working humidity:  $5^{\circ}\text{RH} \sim 90^{\circ}\text{RH}$ .

**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.

## FCC Warning:

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.

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

**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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.