设计	王玉英
日期	2025.10.20
版本	V1.0版本

料号：40800375

RP425B-快安指南(容大英文)-V1.0版本

成品单页尺寸：148x105mm 展开尺寸：148x525mm

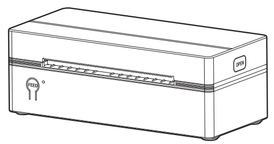
材质：80g双胶纸 工艺：5折页正反面单黑印刷风琴页（不覆膜）

注：蓝色线框，仅示意尺寸，不印刷

148 mm ±4mm

正面

RONGTA



Label Printer

RP425B

Quick Installation Guide

Version:1.0

封面

1. Smartphone App Download

Smartphone:

Download the "RT ELabel" App.

Method 1: 1) iOS: Search and download "RT ELabel" from App store.
2) Android: Search and download "RT ELabel" from Google Play.

RT ELabel

Method 2: Scan the QR code below.

RT ELabel App

Bluetooth pairing code(If need): 0000 or 000000

Supported Bluetooth devices: iOS, Android, iPad, macOS (limited to M series chips)

2. Windows/Mac System Driver Download (USB Connection)

Before using the printer with your computer, you need to install the driver software on your computer.

(1) Ensure that the printer is turned on and the label paper is correctly installed.
(2) Connect the USB cable from the computer to the printer.
(3) Please visit the website: www.rongtatech.cn, find 'Driver Download' and download the RP425 driver to your computer. Double-click the downloaded driver to install it.

Note: *For detailed installation instructions, please visit the official website to download the 'User Manual' and check the installation steps.*

3. Windows Driver Installation (Bluetooth)

(1) Pairing the Computer with the Printer

1) Turn on the computer's Bluetooth.
2) Select **"Control Panel" ---> "View Devices and Printers" ---> "Add a Printer"**
3) Find the target printer (you can print a self-test page to check the printer's Bluetooth name).
4) Enter the pairing code --> Click **"Next"**. Some models do not require an input and you can directly click **"Next"**, the default pairing code is usually **"0000"** or **"000000"**.

(2) After the printer is paired, install the driver

Double-click the driver installation package, follow the step-by-step instructions, select "Bluetooth" connection, and install the driver according to the prompts.

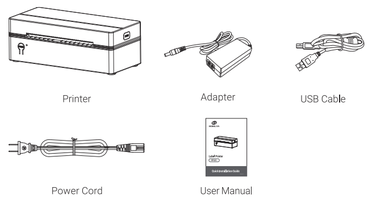
(3) Check whether the printer has been successfully installed Select **"Control Panel"** ---> **"View Devices and Printers"** ---> locate the icon of the printer you just installed---> Right-click on the printer properties --> Select "Ports" --> Choose the successfully paired Bluetooth port number --> "OK"

Note: *Ensure that the computer supports Bluetooth and that Bluetooth is turned on, and make sure the printer supports a Bluetooth interface.*

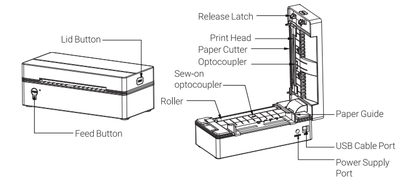
4. Specifications

Item		Specification
Printing	Printing Method	Direct thermal
	Resolution	203dpi
	Max.Print Width	4.23"(108mm)
	Max.Print Speed	5 ips(127mm/s)
	Print Length	0.79"-11.81"(20-300mm)
Sensors		Thread mark detection, black mark detection, paper shortage detection, lid opening detection, headplate temperature detection
Media	Types	Label paper, black label paper (lower black label), folding paper
	Width	0.98"-4.37"(25-111mm)
	Thickness	0.0023"-0.0071"(0.06mm~0.18mm)
PEEL-OFF Label Method		Manual paper tearing
Processor		32bit ARM MCU
Memory	RAM	2MB
	FLASH	4MB
Function	Button	Power Button, Feed button, Open cover button
	Pilot Light	Present
	Buzzer	Buzzer warning
Interface		Bluetooth+USB
Emulation		ZPL
Fonts		ASCII Font: 10x12, 14x20, 16x24, 24x32, 36x48, 14x19, 21x27, 14x25, 12x24
Code Pages		CP437, CP850, CP852, CP860, CP863, CP865, CP866, WPC1250, WPC1251, WPC1252, WPC1253, WPC1254
Barcode	1D	Code39, Code39C, I25, Code93, ITF25, EAN128, Code128, Codabar, EAN-8, EAN8+2, EAN8+5, EAN-13, EAN13+2, EAN13+5, UPC-A, UPCA+2, UPCA+5, UPC-E, UPCE+2, UPCE+5MSIC, ITF14,EAN14, Code11
	2D	QRCODE, PDF417(Optional)
Software	Driver	Win7/Win8/Win10/Win11/macOS
	SDK	Android、ios、windows
	Label Design	APP \ BarTender Designer
Power Adopter		I/P: AC 100-240V，50/60Hz O/P: DC 24V/2.5A
Environment	Operation	Temp: 32-104°F(0-40°C); Humidity: 20-90%, Non-Condensing
	Storage	Temp: 14-140°F(-10-60°C); Humidity: 5-95%, Non-Condensing
Physical Characteristics	Dimension	180*83*65mm
	Weight	0.57kg

5. Packing List



6. Appearance

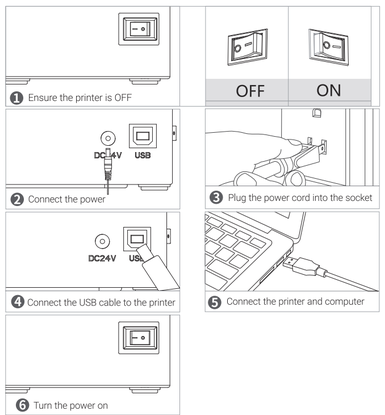


Note: If any accessories missing, please contact us: **service_support@rongtatech.com**

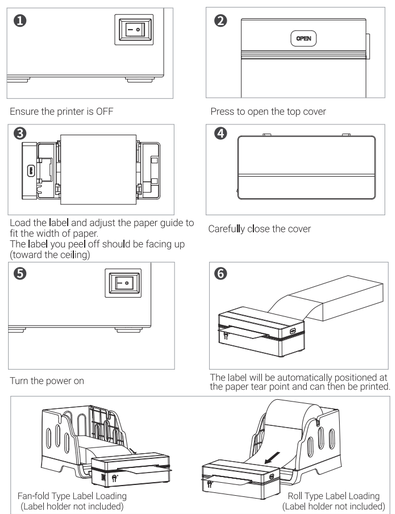
7. Printer Connection

Note:

- Ensure the printer is OFF.
- Use original power adapter only in case harm or injure.
- Unplug if no use in a long time.



8. How to feed label



9. Button and Indicator Light Instructions

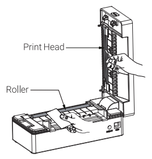
Button Function instructions

Button	Function description	Controls
Power button	Turn on	Press the power button to the "-" position for turn on
	Turn off	Press the power button to the "O" position for turn off
FEED button	Pause printing/ Resume printing	Press the **[FEED Button]** during the printing process, and the printer will pause the current printing task. When the **[FEED Button]** is pressed again, the printer will continue with the original printing task.
	Paper feeding	Press the **[FEED Button]** in standby mode. When the paper is not continuous, one label will be fed; when the paper is continuous, 2cm of paper will be fed.
	Label learning	In standby mode, press and hold the **[FEED Button]** for 3 seconds and you will hear a "beep" "beep" sound. Release the **[FEED Button]** and the printer will power button label learning.
	Print the self-test page	In standby mode, press and hold the **[FEED Button]** for 3 seconds and you will hear a "beep" "beep" sound. Release the **[FEED Button]** and the printer will power button label learning.
	Factory data reset	Press and hold for 10 seconds with the cover open. When the beeping sound briefly disappears, release the button and restore the factory Settings.

Indicator light instructions

Indicator light status	Status declaration	
The indicator light remains on coristantly	Normal standby	
Indicator blinking	Buzzer alarm	
Buzzer alarm prompt	2 sounds	Abnormal alarm for print head connection
	3 sounds	Paper shortage alarm
	5 sounds	Overheating alarm of the head piece
	6 sounds	Alarm when the cover is opened
	7 sounds	No seam mark alarm was detected

10. Print Head and Roller Cleaning



When any of the following situations occur during printing, the print head and rubber roller should be cleaned:

1) Printing is unclear;
2) Loud noise when feeding or returning paper;
3) Foreign objects are stuck on the print head.

The steps for cleaning the print head and roller are as follows:

(1) Turn off the printer power;
(2) Open the paper tray cover and locate the print head. If the printer has just been used, wait for the print head to cool completely;
(3) While rotating the roller, use an alcohol swab (should be wrung out) to wipe off dust and stains on the surface of the roller;
(4) Use an alcohol swab (should be wrung out) or a professional print head cleaning pen (purchased separately) to remove dust and stains from the surface of the print head;
(5) Wait 5–10 minutes for the alcohol to evaporate completely, then close the paper tray cover.

Note:
- Daily cleaning of the printer must be done with the power off.
- Do not touch the surface of the print head with your hands or metal objects, and do not use tools such as tweezers to scratch the print head.
- Clean the surface of the print roller and sensor.
- Do not use organic solvents such as gasoline or acetone to wipe the print head and print roller.
- Wait for the alcohol to completely evaporate before turning on the power and continuing to print.
- Please keep the sensor surface clean.

Caution: The paper cutter has sharp edges; please handle with care to avoid injury.
Warning: Do not touch the surface or connectors of the thermal print head to prevent electrostatic damage.
Warning: The print head is a heating component. Do not touch the print head or surrounding parts during printing or immediately after printing. Children must use it under adult supervision.

11. 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.
Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.
The device has been evaluated to meet general RF exposure requirement.
To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation

12. Safety tips

- The printer head can become very hot after printing labels. Do not touch the printer head until it has cooled.
- Do not bend the power cord excessively or place objects on the cord. This could result in fire.
- Keep the printer out of reach of children.
- Use only approved accessories and do not try to disassemble or repair the unit by yourself.
- Keep the printer away from water and other objects that may destroy or damage the device.
- Printer should remain unplugged when not in use for long periods of time.

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148 mm ±4mm

背面

525 mm +4mm -4mm