

Part No:
RP211&RP212-Quick Safety Guide (Kiln University English) - V1.1 version
Since single page size: 102x142mm Expanded size: 510x142mm
Material: 80g double offset paper Process: front and back single black
printing 5-fold without lamination
Upgrade to V1.1 version :Add FCC warning!
The blue yarn only indicates the size and is not printed!

Driver Installation


There are two ways to drive the printer, one is to install the driver directly under Windows WIN2003/WINXP/WIN7/WIN8/WIN10/LINUX/Mac, the other is to use the port for direct driving.

Installation for Windows

Add the printer to Windows and assign the driver files in the driver disk to Windows. You can start printing only by calling the print command in the program. In this way, the printer driver of Windows actually converts characters into graphic dot matrix for printing.

The Port direct drive

In this way, there is no need to use a driver, only the characters need to be directly output to the port, and the built-in and cartridge font inside the printer is used to realize the conversion and printing of the characters. Using the port direct drive way, the printing mode is also changed from page printing mode to line printing mode, making printing control more convenient. If the port direct drive mode is used, the instruction set needs shall be used to control the printing of the printer, and the TSPL/ESC/POS command set has been integrated inside the printer.



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Product Specification List

Printing method	Thermal line printer
Printing paper width	20~60(±0.5mm)
Effective printing width	RP211: Max 48mm \ RP212: Max 56mm
Dot density	384dot/line or 448dot/line
Service life	The service life of thermal printhead 50 kilometers
Printing speed	Theoretical value 100 mm/s
Input power supply	RP211: DC 8.5V≐ 3A RP212: DC 12V≐ 2A
Cashbox output	DC 12V ≐ 1A
Power adapter	AC 100 ~ 240V
Working environment	Operating temperature: 0~45℃, Operating humidity: 20~90%
Storage environment	Storage temperature: -10~60℃, Storage humidity: 10~90%(Except paper rolls)

⌚ This product information are subject to change without prior notice.

Troubleshooting

When the printer fails, it can be handled according to the method in this section. If the problem cannot be solved, please contact the distributor or manufacturer.

The indicator on the control panel is not on
Check whether the power cord is properly plugged into the printer, power adapter, and power outlet or not. Check if the printer's power switch is on.

The indicator is normal, while the printer does not work
Run the self-test to check whether the printer can work properly. If you cannot perform self-test, please contact your distributor or the technical service personnel.

If the self-test can be performed normally, check the following:
(1) Check the interfaces at both ends of the connection line between the printer and the computer. At the same time, confirm whether the connection meets the specifications of printer and computer.
(2) The data transfer settings between the printer and the computer may be different. You can use self-test to print out the printer's interface settings. If the printer cannot print, please contact your distributor or the technical service personnel.

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. complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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.

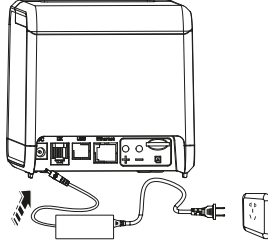
The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation

Connecting the Printer

(1) Make sure that both the printer and the PC host are turned off, plug the matching data communication cable into the printer's data interface, and plug the other end into the serial port/parallel port /USB/ network port of PC host.

(2) If equipped with an electrically openable cashbox, insert the RJ-11 connector on the cashbox into the cashbox interface of the printer. (the specifications of the cashbox must conform to the printer cashbox drive specifications.)

(3) Connect to the special power adapter of the printer.



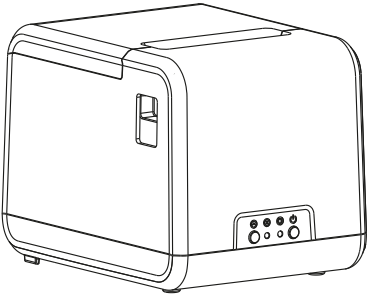
Self-test of Printer

Self-test can detect whether the printer is working normally. If the Self-test list sample can be printed correctly, it indicates that everything is normal except the connection interface with the host computer, otherwise overhaul is required. In the self-test, it will print the software version number, print density, interface type, English characters and some Chinese characters in sequence.

Operation method of self-test: After the printer is connected, press and hold the FEED button Then press the power button at the same time to turn on, and the printer will perform a self-test and print out a self-test page. Then release the power button and the FEED button to complete the self-test.

Quick Installation Guide

RP211/RP212



www.rongtatech.com

V1.1

510 mm

102 mm

142 mm

Front

Safety Warnings

⚠ **Warning:** Do not touch the paper cutting knife or paper-tearing knife of the printer.

⚠ **Warning:** The print head is a heating component. Do not touch the thermal printhead and its surrounding components when the printer is still warm in temperature.

⚠ **Warning:** Do not touch the surface of the thermal printhead and connectors, to avoid electrostatic damage to the thermal printhead.

⚠ **Warnings:** This product is only suitable for the use in non-tropical climates.

Safety Instructions

❶ Please install the printer on a stable surface to avoid printer suffered from any vibration and shocks.

❷ Stop using keeping the product in any case of unusual circumstances such as the presence of high temprature, high humidity and serious pollution.

❸ Connect the printer's power adapter to an appropriate grounding socket. Avoid using the same socket with large motors or other equipment that may cause voltage fluctuation of power supply.

❹ Do not get the product wet. Do not insert foreign objects(e.g. metal) into the product, and once it occurs, immediately turn off the power supply.

❺ Never use the printer without paper, otherwise it will seriously damage the printing rubber roller and thermal printhead.

❻ Unplug the product from the power outlet if the printer is idle for a long time.

❼ Do not disassemble or modify the product personally.

❽ Use only the power adapter specified in this instruction.

❾ Do not plug/unplug the product with the product powered on.

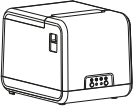
In order to ensure the printing quality and prolong the service life of the product, it is recommended to use the recommended or equivalent thermal printing paper.

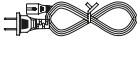
❿ When plugging and unplugging the printer power cord, please hold the arrow position of the printer power connector with your hand, not the cord of the printer power cord.

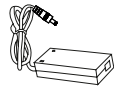
⓫ Please keep this manual for the future use and reference.


Printer Unpacking


Before use, make sure the accessories are included in the package(the following picture is an example). If any thing is missing, contact the supplier or manufacturer.









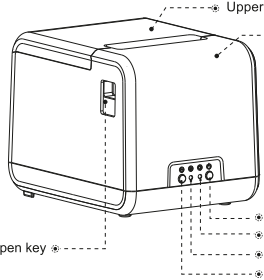


Thermal printer: 1 set	USB cable: 1 pcs
Power cord: 1 pcs	Quick installation guide: 1 pcs
Power adapter: 1 pcs	

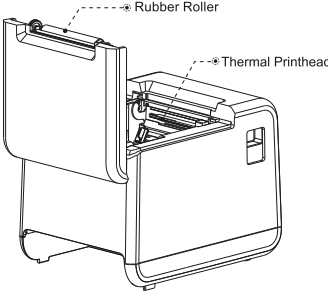
⌚ The pictures are for reference only, please subject to practicality

Appearance and Components

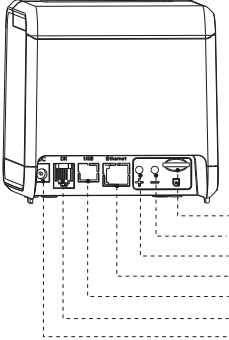
■ Front View



■ Inside View

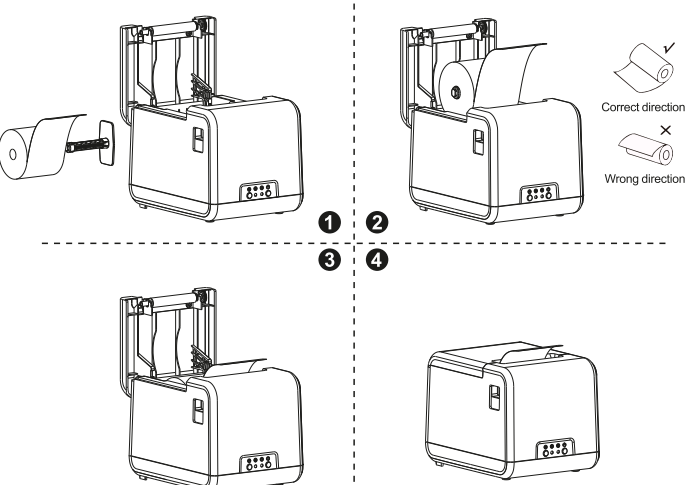


■ Rear View



Note: The interface is optional or customized, and the specific interface is subject to the actual object.

Loading Paper



(1) Open the top cover of the printer and install the paper roll into the paper width adjuster (Figure 1);
(2) Insert the roll paper as shown in the 2 illustration;
(3) Pull out a part of paper, and close the cover as shown in the 3 illustration;
(4) Tear off the paper with the cutter.

Keys and Indicators

The function description of keys and indicators:

FEED key
Press the FEED button once to advance paper o hold down the FEED button to feed paper continuously. Hold down the FEED button and turn on the product at the same time to print the self-test.

POWER Indicator
The power button is used to turn on/off the printer. The printer's power button is located at the bottom right of the printer.
Press the power button to turn on the printer;
and when the printer is on, press the power button to turn off the printer.

⚠ **Attention: Make sure the power supply is connected before turning on the printer.**

Power indicator: green
Always on after power is connected
Error indicator: red
Printer error flashing indication, such as out of paper, paper jam, thermal printhead overheating,
Thermal printhead error or other abnormalities, etc.

Buzzer error status and causes:

Status	Error causes
Two beeps	Printer mechanism installation error/temperature below -50℃
Three beeps	Paper shortage
Five beeps	Temperature above 80℃
Six beeps	Cover is open
Ten beeps	Flash error

Reverse side

