

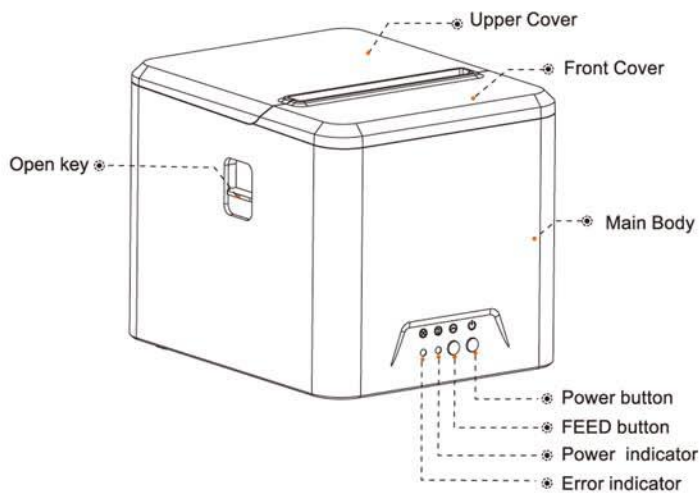
RONGTA USER MANUAL

80MM THERMAL RECEIPT PRINTER RP335

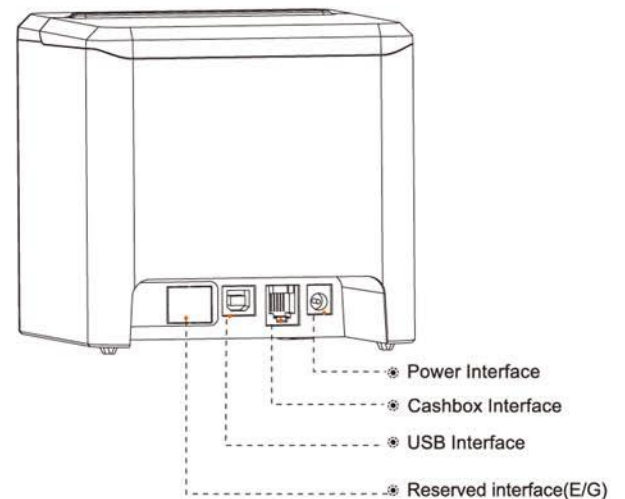


III. Appearance and Components

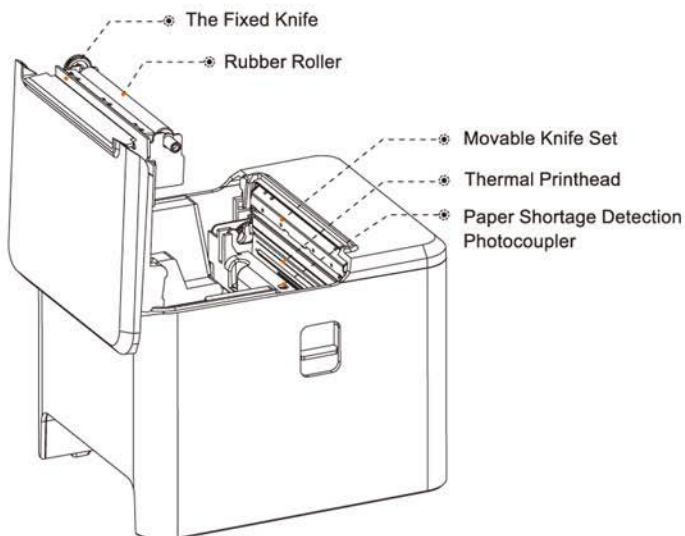
□ Front View



□ Rear View



□ Inside View



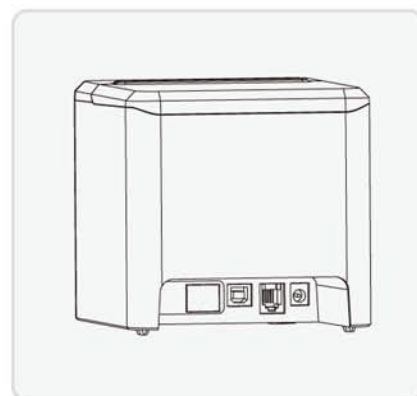
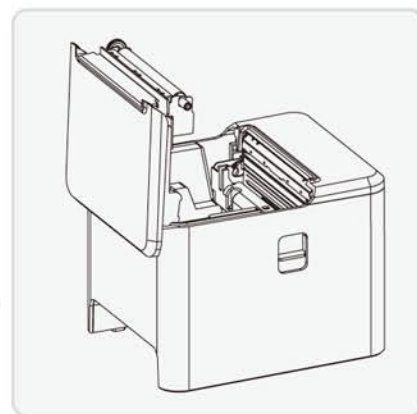
Application Field

- Cashier system of places of entertainment
- Cashier system of retail monopoly
- Wireless Bluetooth printing cashier system
- Catering cashier system
- Postal logistics receipt printing system
- Hotel receipt printing system

IV. Technical Parameters

Printing Parameters

Model	RP335
Printing method	Thermal line printer
Printing speed	250mm/s
Printing paper width	79.5±0.5 mm
Effective resolution	203 dpi (8 dot/mm)
Outside diameter of paper rollo	80 mm
Thickness of printing paper	0.06-0.08mm
Effective printing width	72mm or 48mm
Character size	ASCII Font A: 12x24 ASCII Font B: 9x17 Chinese character 24x24
Line space	3.75mm(Use the command to adjust the line space)
Size of receive buffer	Non-page mode:4Kbytes Page mode:1M(alternative)
Print character	
ASCII character set	12x24 dot, 1.25 (width)X3.00 (height)mm
National Standard Class I and II Chinese Character Font	24x24 dot, 3.00 (width)X3.00 (height)mm
Type of bar code	UPCA/UPCE/EAN13/EAN8/CODE39/I25/CodeBar/CODE128 CODE93/CODE11/MSI/QRCORE/PDF417
Extended character table	PC437、Katakana、PC850、PC860、PC863、PC865、WPC1252、 PC866、PC852、PC858 etc., 50 international languages in total
Power supply	
Power adapter	AC 100 ~ 240V
Input power supply	DC 24V 2.5A
Cashbox output	DC 24V 1A
Service life	
Service life	The service life of print head: 150 kilometers; The service life of inner diffusion knife: one million times
Environmental requirements	
Working environment	Operating temperature: 0~45°C, operating humidity: 20~90%
Storage environment	Storage temperature: -10~60°C, storage humidity: 10~90%
Environmental conditions	
Drive	XP,Win7,Win8,Win10,Linux, MacOS
Print command	ESC/POS command compatible
Character printing	It supports double width and double height printing of AN K characters, custom characters and Chinese characters; adjusts dot patterns of character spacing for printing;
printing of dot patterns	It supports printing of dot patterns with different densities and downloaded graphics

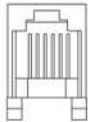
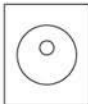


☐ The pictures are for reference only,
please subject to practicality

Printer Indicators

Type of printing paper Thermal paper rolls recommended	Thermal printing paper
Type of paper rolls	Specifications: AF50KS-E Manufacturer: Jujo Thermal Oy(Finland) Specifications: TF-50KS-E Manufacturer: Nippon Paper Industries Co., Ltd ⚠ Attention (1) To get the best results from the printer, choose the recommended paper or other paper with equivalent quality, otherwise the printing quality will be affected and even the service life of thermal print head will be reduced. (2) Please do not use the paper roll that the end glued on the core of the paper roll, otherwise it may cause damage to the printer. (3) If the printing paper is contaminated by chemicals or oils, it may fade or reduce the sensible heat degree, and affect the printing effect. (4) Do not rub the surface of the printing paper with hard articles, otherwise it may cause fading. (5) The print paper will fade if the temperature is up to 70°C, keep it out of direct sunlight, humidity and high temperature.

Printer Interfaces

Diagram	Type	Illustration
	USB	Universal USB Interface (Standard Type B)
	Cashbox Interface	The 6-wire RJ-11 socket, outputting DC 24V/1A power signal to drive the cashbox.
	Power interface	Power plug DC 24V.

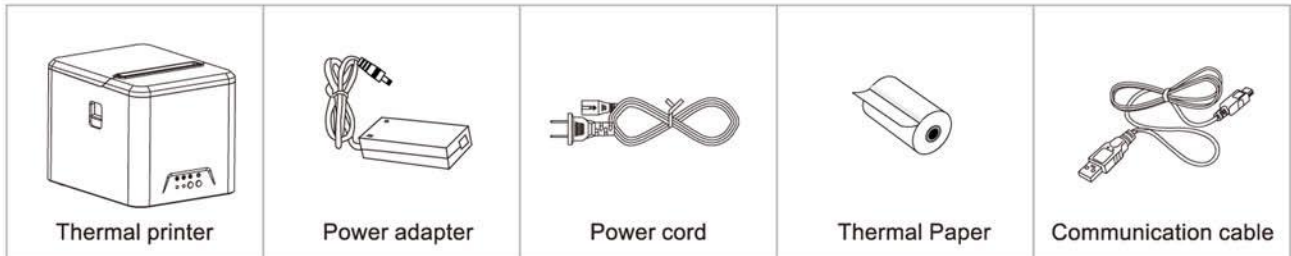
☺ **Note:** The interface is optional or customized, and the specific interface is subject to the actual object.

V. Installation and Operation of Printer

Printer Unpacking

Check the parts:

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. The specific accessories may not be included depending on the printer model.



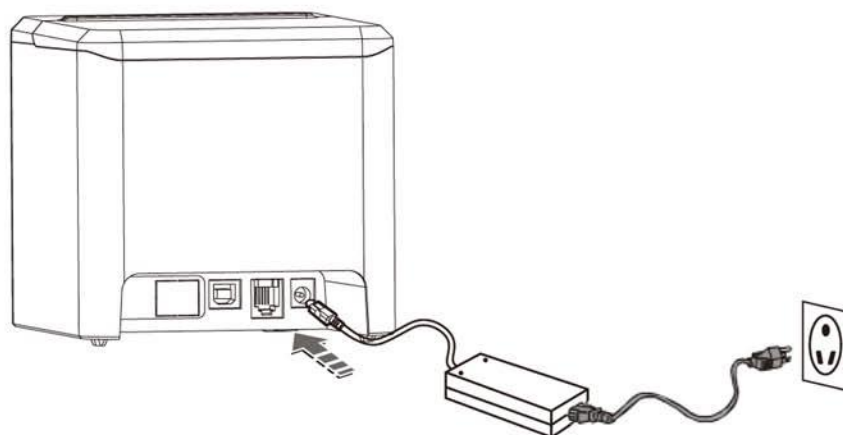
☺ The pictures are for reference only, please subject to practicality.

5.2 Connecting the Printer

- (1) Make sure that both the printer and the PC host are turned on, plug the matching data communication cable into the printer's data interface, and plug the other end into the USB 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.

Use the special power adapter for the printer.

The connection diagram is as follows:



Attention:

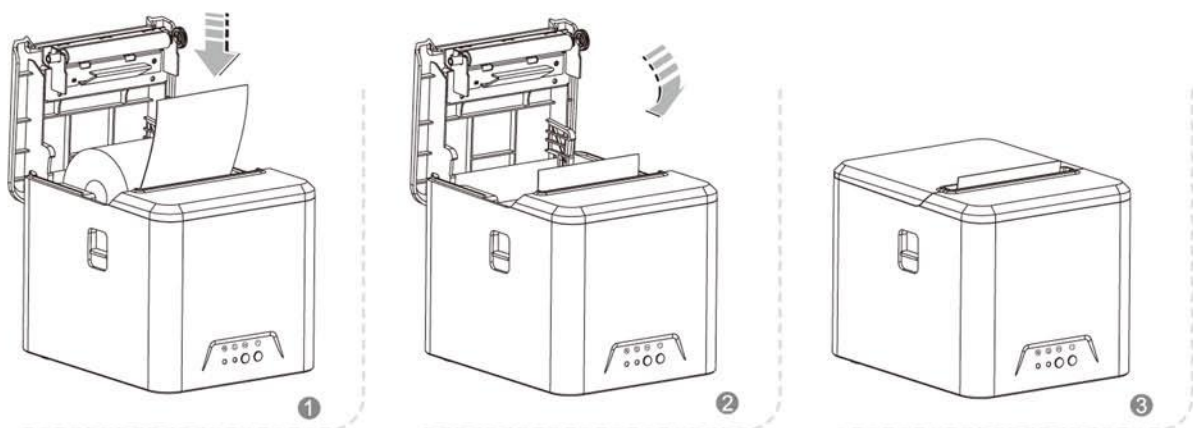
- (1) First plug the power plug DC24V of the printer, then switch on the AC220V power supply, and then turn on the power switch. Do not reverse the sequence, otherwise the machine will be damaged.
- (2) Using an improper power adapter will make the printing quality worse and even damage the printer.
- (3) Do not connect the telephone line to the cashbox interface, otherwise the printer and telephone may be damaged.
- (4) When plugging in the printer power cord, please hold the arrow position of the printer power connector with your hand (do not plug in the cord of the printer power cord with your hand). Forcibly plucking the flexible cord of the printer power connector or pulling the printer power cord may cause damage to the printer or the power adapter.

Loading Paper

The thermal receipt printer uses 80mm thermal paper rolls and adopts an easy paper loading mechanism, which is very convenient for paper loading.

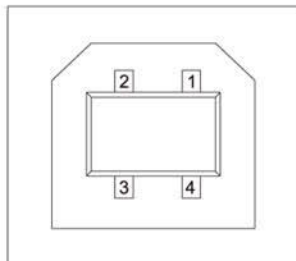
The Installation Method of Thermal Paper is as Follows:

- (1) Open the upper cover of the printer.
- (2) Insert the roll paper as shown in the 1 illustration.
- (3) Pull out a part of paper, and close the cover as shown in the 2 and 3 illustration.



VII. USB Interface

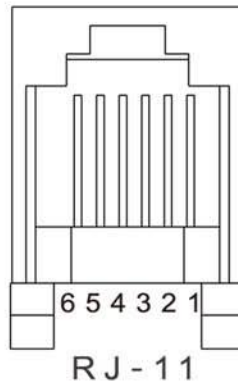
The USB interface socket of RP335 thermal receipt printer is standard B type.



PIN	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND

IX. Cashbox Interfaces of Printers

The cashbox interface of the printer adopts RJ-11 standard, 6-wire socket, and outputs DC 24V/1A power signal to drive the cashbox. Insert the RJ-11 crystal connector of the cashbox into the cashbox interface to open the cashbox through the printer.

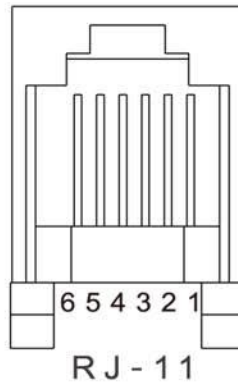


The functions of each pin of the cashbox interface of the printer are defined as follows:

Pin number	Signal	Description
1	GND	Power supply ground
2	Dk1	Negative pole of cashbox 1#
3	DK-1N	Start detection
4	PWR	Positive pole of power supply/cashbox
5	Dk2	Negative pole of cashbox 2#
6	GND	Power supply ground

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