

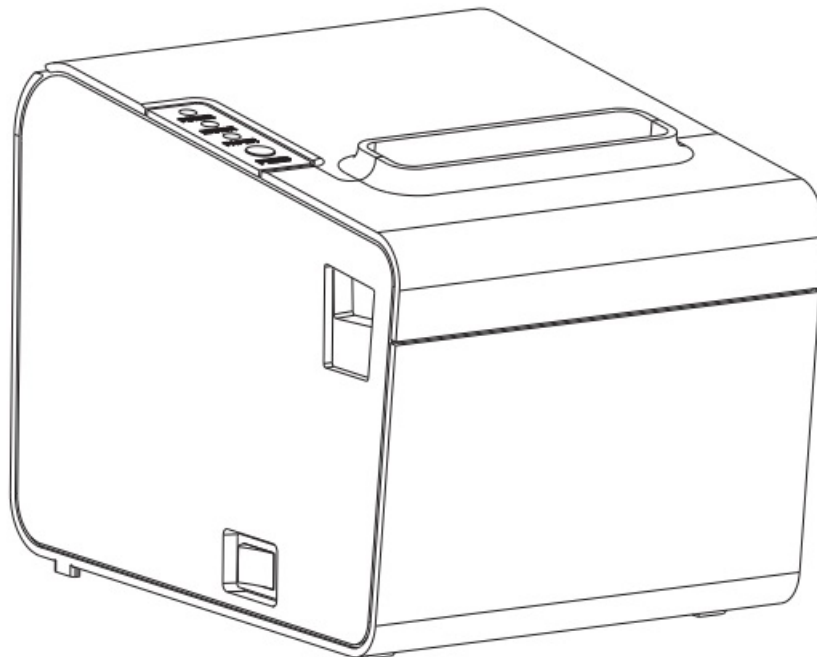


RONGTA RP328 Thermal Receipt Printer User Manual

[Home](#) » [RONGTA](#) » RONGTA RP328 Thermal Receipt Printer User Manual

RONGTA

User Manual
THERMAL RECEIPT PRINTER



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www.rongtatech.com

Contents [[hide](#)]

- [1 Product Introduction](#)
- [2 Safety Warnings](#)
- [3 Main Features](#)
- [4 Safety Instructions](#)
- [5 Appearance and Components](#)
- [6 Technical Parameters](#)
 - [6.1 Printing Parameters](#)
 - [6.2 Printer Indicators](#)
- [7 Printer Interfaces](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)

Product Introduction

Thank you for purchasing the RP32X series thermal receipt printer produced by our company. This thermal receipt printer provides you with safe, reliable, and efficient printing quality at a reasonable economic price. At the same time, the RP32X series is widely used in supermarkets, hospitals, restaurants, banks, gas stations, road and bridge toll collection, and other fields due to its super functions and easy operation.

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 print head and its surrounding components when the printer is still warm in temperature.



Warning: Do not touch the surface of the thermal print head and connectors, to avoid electrostatic damage to the print head.



Warning: This product is only suitable for use in non-tropical climates.

Main Features

- High printing quality
- Low noise
- Support cashbox drive
- The attractive appearance
- Reasonable structure, simple use, and maintenance
- Built-in data buffer that receives print data when printing
- Support USB port, serial port (RS_232), parallel port, WIFI, Ethernet port, and cashbox interface (subject to the actual model interface)
- The characters can be enlarged, bolded, underlined. And it can adjust the line spacing and the left-right spacing for printing
- Supports bitmap downloading and graphic printing with different densities
- Realize high-speed printing equivalent to calling built-in and cartridge font in the mode of driver printing (dot map)

- Low power consumption and low operation cost (color tape and ink cartridge are not required)
- It is compatible with ESC/POS print instruction set

Safety Instructions

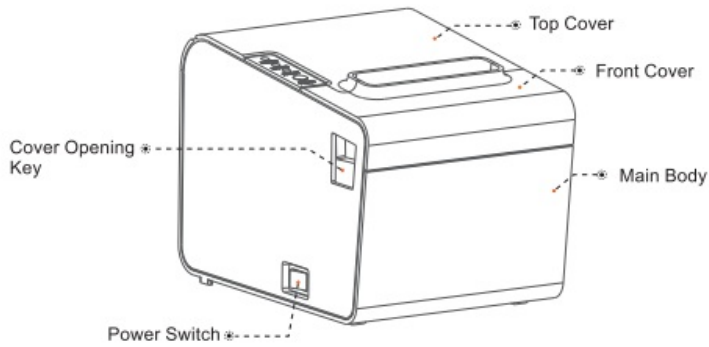
Before operating and using the printer, please carefully read the following items and strictly observe the use rules.

1. Please install the printer on a stable surface to avoid the printer suffered from any vibration and shocks.
2. Stop using keeping the product in any case of unusual circumstances such as the presence of high temperature, high humidity, and serious pollution.
3. 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.
4. 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.
5. Never use the printer without paper, otherwise, it will seriously damage the printing rubber roller and thermal head.
6. Unplug the product from the power outlet if the printer is idle for a long time.
7. Do not disassemble or modify the product personally.
8. Use only the power adapter specified in this instruction.
9. 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.
10. Do not plug/unplug the product with the product powered on.
11. 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.
12. Please keep this manual for future use and reference.

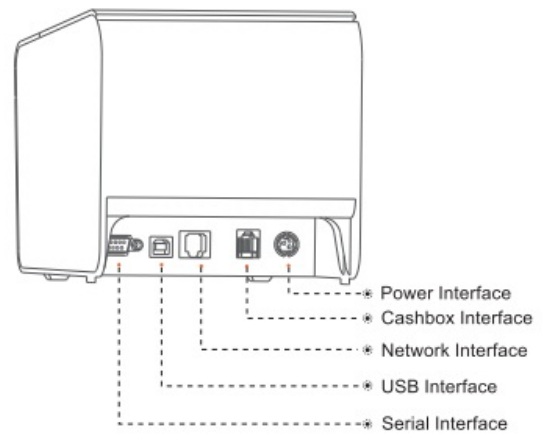
Appearance and Components

RP325 thermal receipt printer

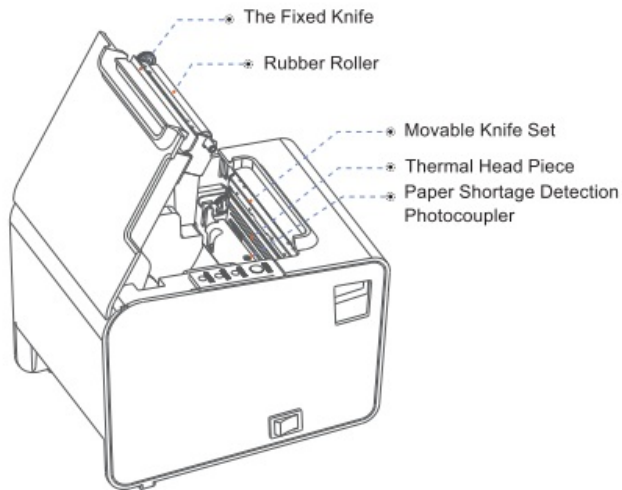
□ Front View



□ Rear View



□ Inside View

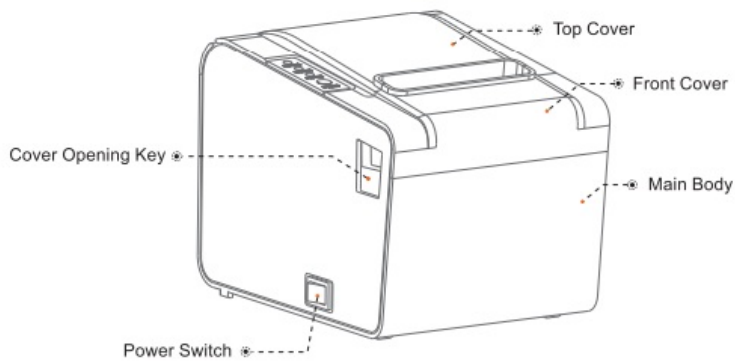


Application Field

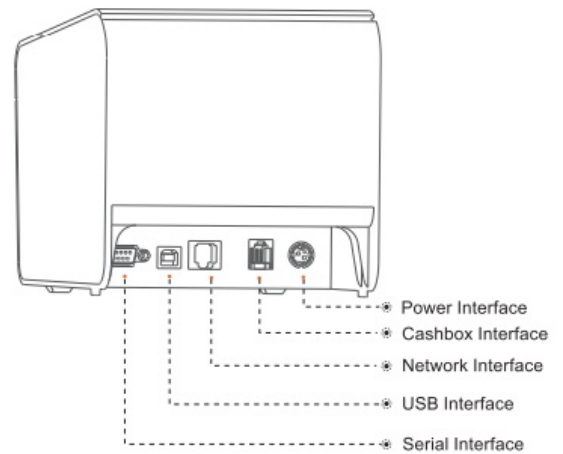
- Cashier system of places of entertainment
- Cashier system of retail monopoly
- Catering cashier system
- Wireless Bluetooth printing cashier system
- Postal logistics receipt printing system
- Hotel receipt printing system

RP326 thermal receipt printer

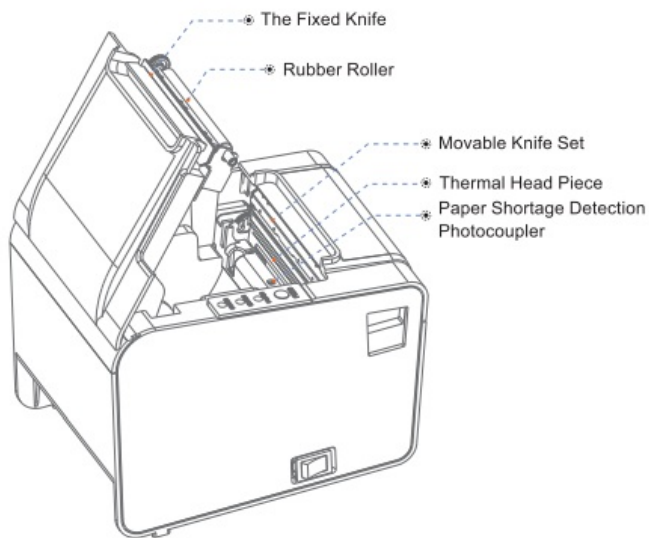
□ Front View



□ Rear View



□ Inside View

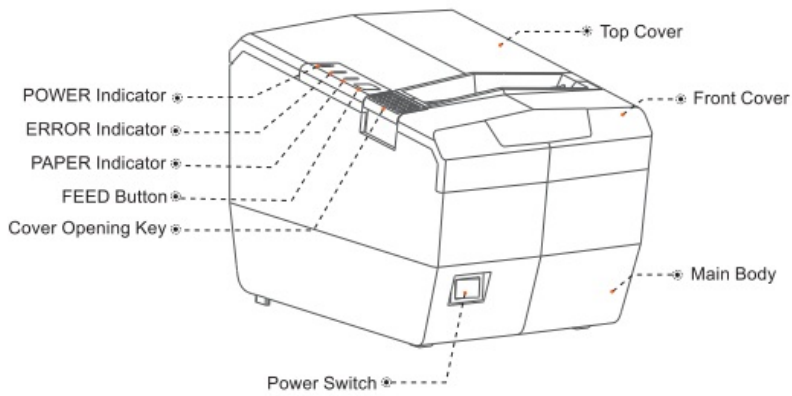


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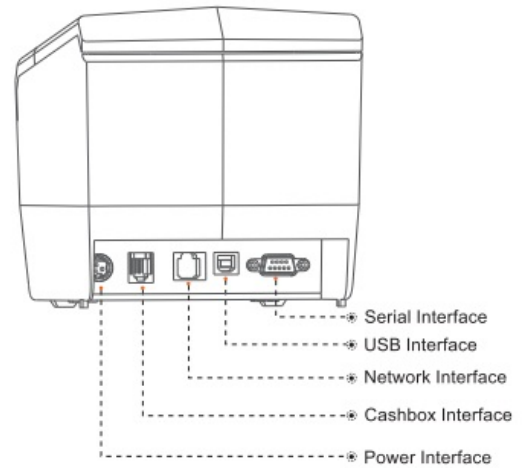
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RP327 thermal receipt printer

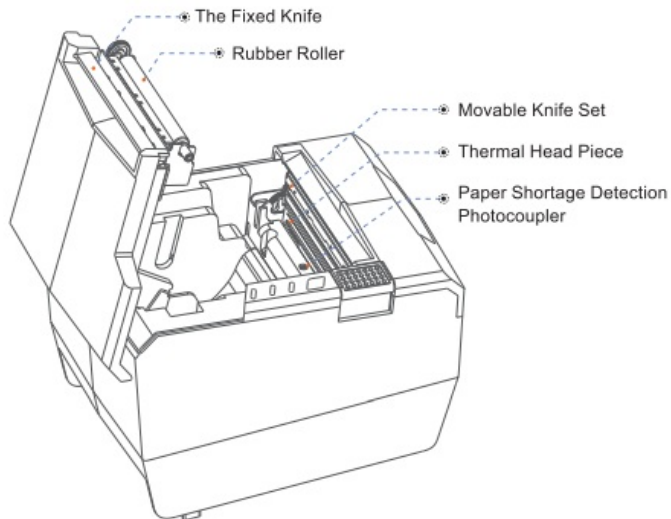
□ Front View



□ Rear View



□ Inside View

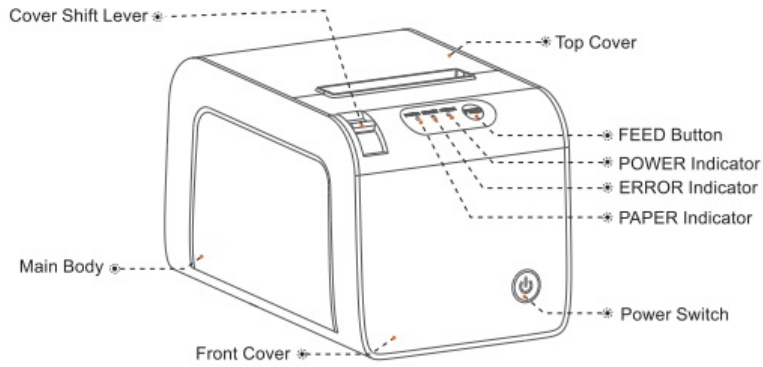


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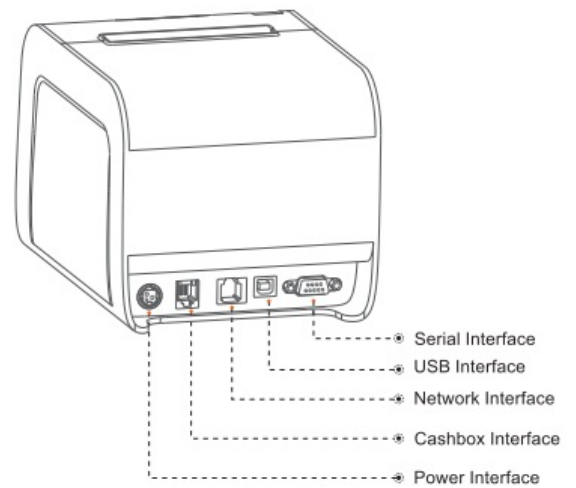
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RP328 thermal receipt printer

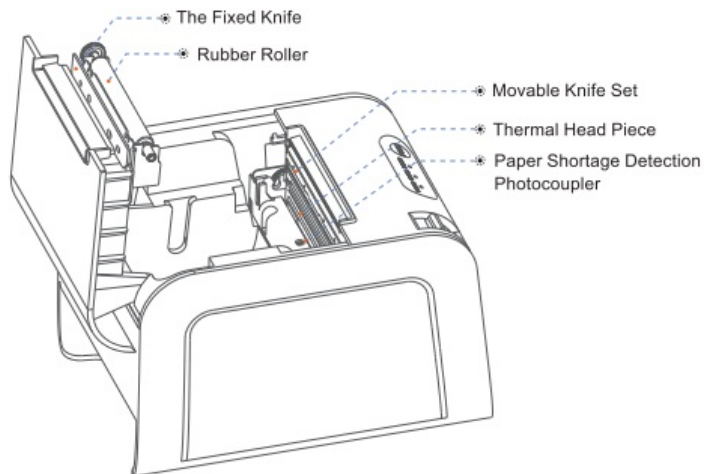
□ Front View



□ Rear View



□ Inside View



Application Field

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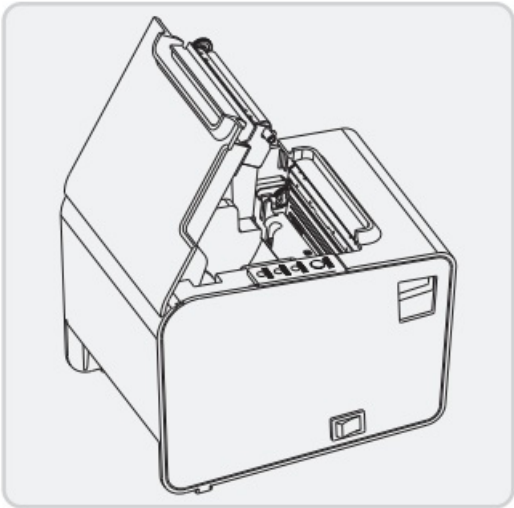
Technical Parameters

Printing Parameters



Model	RP325\RP326\RP327\
Printing method	Thermal line printer
Printing speed	250mm/s
Printing paper width	79.5±0.5 mm
Effective resolution	203 dpi (8 dot/mm)
Outsidediameterofpaper rollo	80 mm
The thickness of printing paper	0.06-0.08mm
Effective printing width	72mm or 48mm (Altern
Dot density	576dot/line or 384dot/li
Character size	ASCII Font A: 12×24 A
Line space	3.75mm(Use the comr
Size of receive buffer	Non-page mode:4Kbyt

Print character



ASCII character set	12×24 dot, 1.25
National Standard	24×24 dot, 3.00
Class I and II Chinese Character Font	UPCA/U PCE/E
Type of bar code	CODE93/CODE
Extended character table	PC437, Katakari PC866, PC852,

Power supply

Power adapter Input power supply Cashbox output	AC 100 ~240V DC 24V  2.5A DC24  1A
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Service life

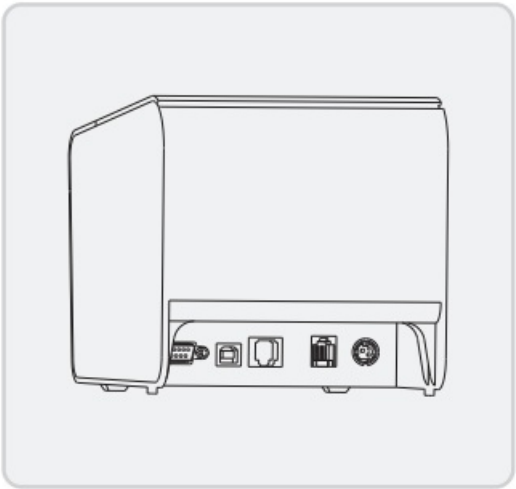
Service life	The service life of print head: 150 kilome The service life of inner diffusion knife: o
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Environmental requirements

Working environment Storage environment	Operating temperature: 0-45°C, operatin Storage temperature: -10-60°C, storage
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Environmental conditions

Drive Print command Character printing printing of dot patterns	WIN2003/WINXP/WIN7/WIN8/WIN10/LI ESC/POS/OPOS command compatible It supports double-width and double-heig ustom characters, and Chinese characte ter spacing for printing; It supports the printing of dot patterns wi aded graphics
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The pictures are for reference only, please subject to practicality

Printer Indicators

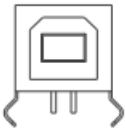
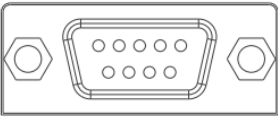
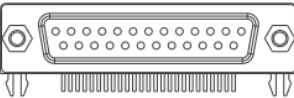
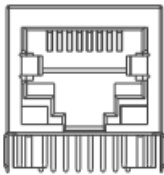
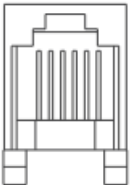
Type of printing paper Thermal paper rolls recommended	Thermal printing paper
Type of paper rolls	Specifications: AF50KS-E Manufacturer: Jujo Thermal Oy(Finland) Specifications: TF-50KS-E Manufacturer: Nippon Paper Industries Co.



Attention

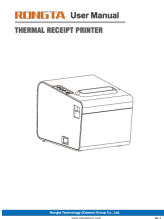
1. To get the best results from the printer, choose the recommended paper or other paper with equivalent quality, otherwise, the printing quality will be affected and even the service life of the thermal print head will be reduced.
2. Please do not use the paper roll that the end glued on the core of 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	
	USB	Universal USB Interface (Standard Type B)
	Serial interface	Db9 female connector interface, communication baud rate is 9600, the data structure is parity-free, 8-bit data bit, 1-bit stop bit; RTS/CTS
	Parallel interface (25PIN)	25PIN Parallel (male connector) bidirectional parallel interface, 8-bit data
	Network interface	Standard RJ45-8P interface, 10M/100M transmission speed with auto negotiation.
	Cashbox control	The 6-wire RJ-11 socket, outputting DC 24V/1A power signal to 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.

Documents / Resources

	RONGTA RP328 Thermal Receipt Printer [pdf] User Manual RP328, 2AD6G-RP328, 2AD6GRP328, RP328 Thermal Receipt Printer, Thermal Receipt Printer, Receipt Printer, Printer
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