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Rongta RPP30

Rongta RPP30 Portable Bluetooth Thermal Printer User Manual

Model: RPP30

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Rongta RPP30 Portable Bluetooth Thermal Printer. Please read this manual thoroughly before operating the device and keep it for future reference. The RPP30 is a compact and versatile thermal printer designed for mobile printing applications, offering both Bluetooth and USB connectivity.

2. PRODUCT OVERVIEW

The Rongta RPP30 is a portable thermal printer capable of printing on 80mm wide thermal paper. It features a compact design, a built-in battery, and multiple connectivity options for convenience.

2.1 Package Contents

Upon unpacking, ensure all items are present:

- Rongta RPP30 Portable Thermal Printer
- USB Cable
- Power Adapter
- Battery (may be pre-installed)
- Thermal Paper Roll (starter roll)
- User Manual (this document)



Image: The Rongta RPP30 printer shown with its included accessories: a USB cable, a power adapter, and a starter thermal paper roll.

2.2 Printer Components

Familiarize yourself with the main parts of your printer:



Image: An angled view of the Rongta RPP30 printer, highlighting its compact design, front display, and control buttons.

- **Power Button:** Used to turn the printer on or off.
- **Feed Button:** Advances the paper manually.
- **Status Indicators:** LEDs or display for power, battery, and error status.
- **Paper Compartment:** Area for loading thermal paper rolls.
- **USB Port:** For charging and connecting to a computer.
- **Power Input:** Connects to the power adapter for charging.

3. SETUP

3.1 Charging the Battery

1. Connect the power adapter to the printer's power input port.
2. Plug the power adapter into a suitable wall outlet.
3. The charging indicator light will illuminate. Allow the printer to charge fully before its initial use (typically 2-3 hours).

3.2 Loading Thermal Paper

1. Open the paper compartment cover. This is usually done by pressing a release button or latch located on the side or top of the printer.
2. Insert a new thermal paper roll into the compartment. Ensure the paper feeds from the bottom of the roll and the leading edge is straight.
3. Pull a small amount of paper out past the cutting edge.
4. Close the paper compartment cover firmly until it clicks securely into place.



Image: The Rongta RPP30 printer with its top cover open, revealing the internal mechanism for loading a thermal paper roll. The orange lever indicates the release mechanism.

3.3 Driver Installation (for USB Connection)

For printing via USB from a computer, you may need to install the appropriate printer driver. Drivers are typically provided on a CD included with the printer or can be downloaded from the official Rongta website. Follow the on-screen instructions during the installation process.

3.4 Bluetooth Pairing

1. Ensure the printer is powered on and within range of your mobile device.
2. On your mobile device (smartphone, tablet), navigate to the Bluetooth settings menu.
3. Initiate a search for available devices. The printer will typically appear as "RPP30" or a similar identifier.
4. Select the printer from the list to begin the pairing process. If prompted for a PIN, enter "0000" or "1234" (these are common default PINs).
5. Once successfully paired, the printer is ready for Bluetooth printing.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **To Power On:** Press and hold the **Power button** for a few seconds until the power indicator light illuminates.
- **To Power Off:** Press and hold the **Power button** again until the power indicator light turns off.

4.2 Printing via Bluetooth

1. Ensure the printer is powered on and successfully paired with your mobile device.
2. Open the printing application on your mobile device (e.g., POS software, label printing app).
3. Within the application's settings, select the Rongta RPP30 as the target printer.
4. Initiate the print command from your application.

4.3 Printing via USB

1. Connect the printer to your computer using the provided USB cable.
2. Verify that the printer drivers are correctly installed on your computer.
3. Open the document or application you wish to print from on your computer.
4. Select the Rongta RPP30 from your list of available printers and send the print job.

5. MAINTENANCE

5.1 Cleaning the Print Head

To maintain optimal print quality, it is recommended to clean the print head regularly, especially if printouts appear faded, unclear, or have streaks.

1. Turn off the printer and disconnect the power adapter to prevent accidental operation.
2. Open the paper compartment cover.
3. Gently wipe the thermal print head (the dark strip located inside the compartment) with a cotton swab lightly dampened with isopropyl alcohol.
4. Allow the print head to dry completely for a few minutes before closing the cover and powering on the printer.

5.2 Battery Care

- Charge the battery fully before its first use to optimize battery life.
- Avoid completely discharging the battery frequently, as this can reduce its lifespan.

- If the printer will be stored for an extended period, charge the battery to approximately 50% and store it in a cool, dry place. Recharge the battery every 3-6 months to prevent deep discharge.
- Always use only the original or manufacturer-approved power adapter and battery to prevent damage.

5.3 Paper Handling

- Use high-quality thermal paper specifically designed for thermal printers to ensure optimal print results and prolong the life of the print head.
- Store thermal paper in a cool, dry place, away from direct sunlight, heat, and moisture, which can degrade its quality.
- Avoid using wrinkled, creased, or damaged paper, as this can lead to paper jams or poor print quality.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

| Problem | Possible Cause | Solution |
|----------------------------|---|---|
| Printer does not power on. | Low battery or no power connection. | Charge the battery using the provided power adapter or ensure the adapter is securely connected to a working outlet. Verify the power button is pressed correctly. |
| No print output. | No paper, paper loaded incorrectly, or connectivity issue. | Check the paper roll and reload it if necessary, ensuring it's correctly positioned. Verify Bluetooth pairing or USB cable connection. Confirm the printer is selected in your printing software. |
| Faded or blank printouts. | Dirty print head, thermal paper loaded upside down, or low-quality paper. | Clean the print head as described in the Maintenance section. Ensure the thermal paper is loaded with the thermal (printable) side facing the print head. Use recommended thermal paper. |
| Bluetooth pairing fails. | Printer not in pairing mode, incorrect PIN, or wireless interference. | Ensure the printer is powered on and discoverable. Re-enter the default PIN (0000 or 1234). Try pairing in a location with less wireless interference. Restart both the printer and your mobile device. |
| Paper jam. | Improper paper loading, use of damaged paper, or a foreign object. | Turn off the printer immediately. Open the paper compartment and carefully remove any jammed paper or obstructions. Reload paper correctly, ensuring it is smooth and undamaged. |

7. SPECIFICATIONS

Technical specifications for the Rongta RPP30 Portable Bluetooth Thermal Printer:

| Feature | Detail |
|---------------------------------|----------------|
| Model Name | RPP30 |
| Printer Technology | Thermal |
| Connectivity Technology | USB, Bluetooth |
| Printer Output | Monochrome |
| Max Print Speed (Black & White) | 150 mm/s |

| Feature | Detail |
|--------------------------------|--|
| Paper Width | 80mm |
| Max Print Width | 75mm |
| Duplex Printing | No |
| Color Depth | 1 bit per pixel |
| Product Dimensions (D x W x H) | 12 x 10.6 x 6.3 cm |
| Item Weight | 210 grams |
| Included Components | Printer, USB Cable, Power Adapter, Battery, Thermal Paper Roll (starter) |

8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Rongta website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Rongta customer service through their official channels.

Note: Warranty terms may vary by region and retailer. Always retain your proof of purchase for warranty claims.

