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- › [Rongta](#) /
- › [Rongta F82 Portable Thermal Printer User Manual](#)

Rongta F82

Rongta F82 Portable Thermal Printer User Manual

Model: F82

[Box](#) [Setup](#) [Operating](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. PRODUCT OVERVIEW

The Rongta F82 Portable Thermal Printer is a compact, inkless printing solution designed for convenience and mobility. It supports various thermal paper types, including 8.5"x11" US Letter size, making it suitable for office, home, and travel use. This printer utilizes thermal technology, eliminating the need for ink cartridges.

Key Features:

- Lightweight design supporting multiple thermal paper types.
- Wireless connectivity via Bluetooth for smartphones (Android, iOS) and USB for PC/Laptops (Mac, Windows).
- Inkless thermal printing technology.
- High-quality printing with a resolution of 256 dots per inch (300 DPI max copy resolution).
- Large battery capacity for extended use.

2. WHAT'S IN THE BOX

Upon unboxing your Rongta F82 Portable Thermal Printer, please ensure all the following items are present:

- Rongta F82 Portable Thermal Printer
- 1x Roll of Test Thermal Paper (pre-installed)
- 1x USB-C Cable
- 1x Type-C Adapter
- 1x User Manual (Quick Installation Guide)



F82 Thermal Printer

Ultra-Portable & Quiet Printing

1x Roll Thermal Paper
(inside the portable printer)
1x F82 Portable Printer

1x USB-C CABLE
1x Type-C Adapter
1x User Manual



Image: Contents of the Rongta F82 Portable Thermal Printer package.

3. SETUP GUIDE

3.1 Loading Thermal Paper

1. Press the two release buttons on the sides of the printer to open the paper compartment.
2. Insert the thermal paper roll into the compartment, ensuring the printing side is facing up.
3. Close the compartment until it clicks securely into place.



Multi Thermal Paper

Inkless Print by Rolled & Single Sheet Thermal Paper



Single Sheet Paper

Rolled Paper

Image: Loading thermal paper into the Rongta F82 printer. The printer supports both rolled and single-sheet thermal paper.

3.2 Powering On and Charging

- To power on the printer, press and hold the power button located on the top panel.
- If the printer does not power on, it may need charging. Connect the printer to a power source using the provided USB-C cable and Type-C adapter. The indicator light will show charging status.



Large Battery Capacity

Easy to Charge via USB-C cable, Great Battery Life



USB-C



2550mAh



LCD Screen

Image: The Rongta F82 printer highlighting its USB-C charging port and 2550mAh battery capacity.

3.3 Connecting to Mobile Devices (Bluetooth)

1. **Step 1:** Download the "SoPrint" app from your device's app store (Google Play for Android, App Store for iOS). You can also scan the QR code on the printer's packaging or manual. [Download SoPrint App](#)
2. **Step 2:** Ensure Bluetooth is active on your smartphone or tablet.
3. **Step 3:** Open the "SoPrint" app, search for your printer (e.g., "F82-XXXX"), and connect. The app will indicate a successful connection.



Image: Detailed steps for Bluetooth connection with a mobile device.



Image: The Rongta F82 printer demonstrating Bluetooth connectivity with various mobile devices.

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Video: "Rongta F82 Portable Printer-How to use with Phone" - This video demonstrates the process of connecting the F82 printer to a smartphone and initiating a print job.

3.4 Connecting to Computers (USB)

1. **Step 1:** Download and install the printer driver for your PC (Windows) or Laptop (Mac) from the official Rongta website. The manual or packaging may provide a specific URL or QR code for drivers.
2. **Step 2:** Connect the printer to your computer using the provided USB-C cable.
3. **Step 3:** Select the Rongta F82 printer from your computer's print options to begin printing.



Image: Detailed steps for USB cable connection with a computer.



Image: The Rongta F82 printer demonstrating USB connectivity with a laptop.

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Video: "connect laptop to printer-from U Disk" - This video illustrates how to connect the F82 printer to a laptop and print.

4. OPERATING INSTRUCTIONS

4.1 Printing from the SoPrint App

1. Ensure your printer is connected via Bluetooth (refer to Section 3.3).
2. Open the "SoPrint" app. You can choose to print images, documents, or use the scan-to-print function.
3. Select the file you wish to print.
4. Adjust print settings such as paper size (US Letter, A4, B5, A5), density (light, moderate, dark), and number of copies.
5. Tap "Print" to initiate the printing process.



Image: The Rongta F82 printer's capability to print various file types and support multiple paper sizes.



Image: Paper size specifications for the Rongta F82 printer.

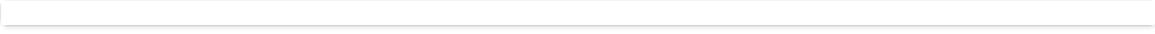


Image: Print quality comparison, highlighting the 300 DPI resolution of the Rongta F82.

4.2 Printing from a Computer

- Ensure your printer is connected via USB and the drivers are installed (refer to Section 3.4).
- Open the document or image you wish to print on your computer.
- Go to the print menu (File > Print).
- Select the "Rongta F82" printer from the list of available printers.

- Adjust any necessary print settings (e.g., paper size, orientation) and click "Print".
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5. MAINTENANCE

To ensure optimal performance and longevity of your Rongta F82 Portable Thermal Printer, follow these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior of the printer with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
 - **Print Head Cleaning:** If print quality degrades, gently clean the thermal print head with an alcohol swab. Ensure the printer is off and cooled down before cleaning.
 - **Paper Storage:** Store thermal paper in a cool, dry place away from direct sunlight to prevent degradation of print quality.
 - **Battery Care:** For long-term storage, charge the printer's battery to about 50% and store it in a cool, dry environment. Recharge periodically if not in use for extended periods.
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6. TROUBLESHOOTING

If you encounter any issues with your Rongta F82 Portable Thermal Printer, please refer to the following common troubleshooting steps:

- **Printer Not Powering On:** Ensure the battery is charged. Connect the printer to a power source using the provided USB-C cable and adapter.
 - **Unable to Connect via Bluetooth:**
 - Verify Bluetooth is enabled on your mobile device.
 - Ensure the "SoPrint" app is installed and updated.
 - Restart both the printer and your mobile device.
 - Ensure the printer is within the Bluetooth range of your device.
 - **Unable to Print from Computer:**
 - Check if the USB cable is securely connected to both the printer and the computer.
 - Confirm that the correct printer drivers are installed for your operating system (Windows/Mac).
 - Restart your computer and the printer.
 - **Poor Print Quality or Blank Pages:**
 - Ensure you are using thermal paper and it is loaded correctly (printing side up).
 - Check the paper roll for any damage or improper feeding.
 - Adjust the print density settings in the "SoPrint" app or printer driver.
 - Clean the thermal print head (refer to Section 5. Maintenance).
 - **Paper Jam:** Power off the printer, open the paper compartment, and carefully remove any jammed paper. Ensure no small pieces of paper remain inside before closing and restarting.
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7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Rongta
Model Name	Portable Thermal Printer F82
Product Dimensions	7.4"D x 10.24"W x 5.3"H
Item Weight	16 ounces (1 pound)
Printing Technology	Thermal Printer
Ink Color	Inkless (Monochrome)
Maximum Media Size	8.5 x 11 inch (US Letter)
Sheet Size	8.5 *11 Inches
Maximum Black and White Print Resolution	256 dots_per_inch (300 DPI Max Copy Resolution)
Max Print Speed (Monochrome)	70 ppm
Connectivity Technology	Bluetooth, USB
Controller Type	Android, iOS
Compatible Devices	Laptops, PC, Smartphones, Tablets
Special Feature	Network-Ready, Portable
Power Source	1 12V batteries required (internal)
Additional Printer Functions	Print Only

8. WARRANTY AND SUPPORT

The Rongta F82 Portable Thermal Printer comes with a **One-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or further assistance, please visit the official Rongta website or contact their customer service. You can also refer to the Quick Installation Guide included in your package for contact details.

Online Resources:

- Rongta Store on Amazon: [Visit Rongta Store](#)
- SoPrint App Download: [Download SoPrint App](#)

9. ADDITIONAL RESOURCES

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Video: "Rongta F82 Thermal Portable Printer Unboxing Introduction" - An overview of the F82 printer and its components upon unboxing.

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Video: "F82 thermal portable printer for school" - Demonstrates the printer's use in an educational setting.

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Video: "F82 Portable Thermal Printer--Needn't Ink/Toner" - Highlights the inkless feature and benefits of the thermal printer.

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Video: "F82 Portable Printer- A helpful tool for life" - Showcases various applications and benefits of the portable printer in daily life.
