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Rongta F81S

Rongta F81S Tattoo Stencil Printer Instruction Manual

Model: F81S

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1. INTRODUCTION

The Rongta F81S Tattoo Stencil Printer is a portable, wireless thermal printer designed for creating high-definition tattoo stencils. It offers compatibility with Android, iOS, Windows, and macOS devices, providing a versatile solution for tattoo artists and beginners. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.



Image: The Rongta F81S Tattoo Stencil Printer, a compact and portable device.

2. SAFETY INFORMATION

- Use only the original USB cable for charging.
- Ensure the printer is placed on a stable, flat surface during operation.
- Do not expose the printer to extreme temperatures, direct sunlight, or moisture.
- Keep out of reach of children.
- Only use tattoo transfer paper with this device; thermal paper is not supported.
- If the print head overheats, the app will pause printing. Allow the device to cool down for at least ten minutes before resuming.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Rongta F81S Tattoo Stencil Printer
- USB Type-C Charging Cable

- 5pcs Tattoo Transfer Papers
- User Manual
- Storage Pouch



Image: Contents of the Rongta F81S Tattoo Stencil Printer package, including the printer, transfer paper, and cables.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Rongta F81S printer:

- **Power Button:** Turns the printer on/off.
- **LCD Panel:** Displays status indicators (e.g., battery, Bluetooth connection).
- **Paper Input Slot:** Where tattoo transfer paper is inserted.
- **Paper Output:** Where printed stencils exit.
- **Flip Cover:** Protects the print head and paper path.
- **Type-C Charging Port:** For connecting the USB charging cable.

- **Reset Hole:** For factory reset if needed.
- **Print Head:** The thermal component responsible for printing.

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Video: An overview of the F81S tattoo printer's components and app download process.

5. SETUP

5.1. Charging the Printer

1. Connect the provided USB Type-C cable to the printer's charging port.
2. Connect the other end of the cable to a suitable USB power adapter (not included) or a computer's USB port.
3. The LCD panel will indicate charging status. Ensure the printer is fully charged before first use.

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Video: Demonstrates how to charge the F81S tattoo printer using the Type-C charging port.

5.2. Loading Tattoo Transfer Paper

1. Separate the tattoo transfer paper: remove the protective sheet and tear off the yellow backing sheet, leaving the white tracing sheet and blue carbon sheet.
2. Insert the transfer paper into the paper input slot with the white paper facing up. The printer will automatically feed the paper into position.

Easy for Use

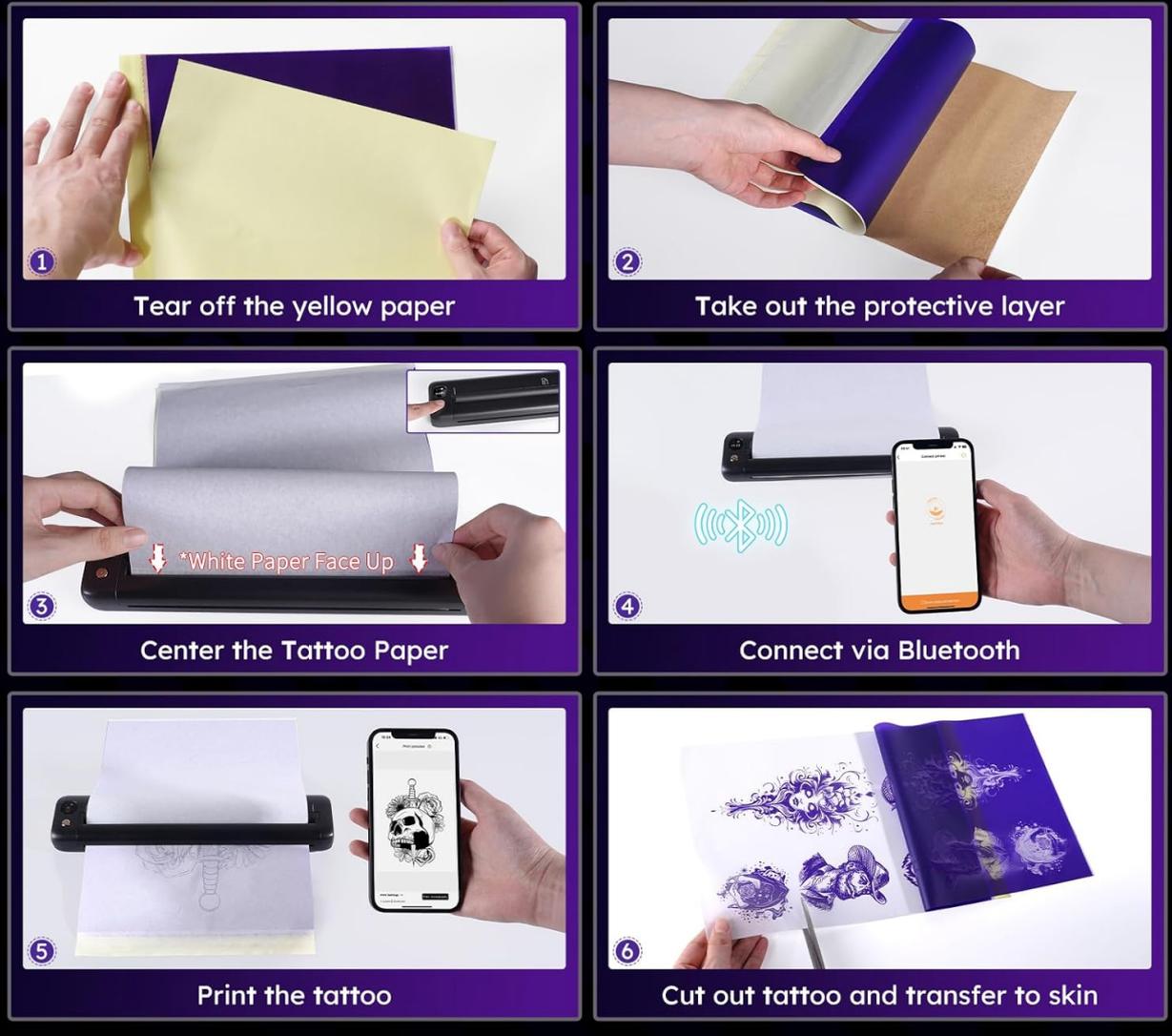


Image: Step-by-step guide on how to prepare and load tattoo transfer paper into the printer.

5.3. App Download and Bluetooth Connection (iOS/Android)

1. Download the "SoPrint" app from the Google Play Store (for Android) or the Apple App Store (for iOS).
2. Ensure Bluetooth is enabled on your mobile device.
3. Open the SoPrint app and follow the on-screen instructions to connect to your F81S printer via Bluetooth. The printer's name will typically appear as "F81S-XXXX".

Bluetooth Wireless Connection



Image: Instructions for downloading the SoPrint app and connecting the printer via Bluetooth to a mobile device.

5.4. USB Connection and Driver Installation (Windows/macOS)

For PC (Windows) and Mac (macOS) devices, a wired USB connection is required. Bluetooth is not supported for PC connections.

1. Connect the F81S printer to your computer using the provided USB cable.
2. Download and install the appropriate drivers for your operating system (Windows or macOS) from the official Rongta website: rongtaglobal.com/f81s.
3. Follow the on-screen instructions to complete the driver installation.



Image: Steps for connecting the F81S printer to a PC or laptop via USB and installing necessary drivers.

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Video: Demonstrates the USB connection process for macOS devices.

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Video: Demonstrates the USB connection process for Windows devices.

6. OPERATING THE PRINTER

6.1. Printing with the SoPrint App

1. Open the SoPrint app and ensure your printer is connected via Bluetooth.
2. Select "Tattoo Editor" or "Image Split" to import or create your tattoo design.
3. Use the app's editing functions to zoom, rotate, adjust size, orientation, and layout of your design. The "Tattoo Preview" function allows you to see the actual effect before printing.
4. Once satisfied with the design, tap the print icon. Adjust print density and number of copies if necessary.
5. Tap "Print Immediately" to start printing your stencil.

**Good Partner for
Tattoo Artists & Beginners**

**Stencil Printer
for Tattooing**

- Bluetooth Connection
- Save Time
- Easy to Use
- High Definition

Hand Print Tattoo

- More Time
- Burdensome
- Blemishes

VS

Image: A user operating the Rongta F81S printer to create a tattoo stencil.

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Video: A comprehensive guide on how to use the F81S Tattoo Printer with the mobile app.

6.2. Transferring Stencil to Skin

1. Clean the skin area thoroughly with a wipe or alcohol.
2. Apply a small, even amount of tattoo transfer gel to the cleaned skin area.
3. Carefully place the printed tattoo stencil (white tracing sheet) onto the prepared skin.

4. Press gently for 5-10 seconds, then slowly peel off the white tracing paper. The stencil should now be transferred to the skin.



Image: Visual steps for preparing the skin and transferring the tattoo stencil.

7. MAINTENANCE

- Regularly clean the exterior of the printer with a soft, dry cloth.
- Keep the paper input and output slots free from dust and debris.
- Avoid touching the print head directly to prevent damage.
- Store the printer in a cool, dry place when not in use.

8. TROUBLESHOOTING

- **Printer not connecting:** Ensure Bluetooth is on (for mobile) or USB drivers are installed (for PC/Mac). Restart the printer and your device.
- **Poor print quality:** Ensure you are using Rongta tattoo paper. Clean the print head if necessary. For best results, print monochrome and simple tattoo designs.

- **Paper jam:** Gently pull out any jammed paper from the input or output slots. Ensure paper is loaded correctly.
- **Printer overheating:** If the app indicates overheating, pause printing and allow the printer to cool down for at least 10 minutes.

9. SPECIFICATIONS

Feature	Detail
Model Name	F81S
Brand	Rongta
Printing Technology	Thermal
Connectivity Technology	Bluetooth, USB
Maximum Black and White Print Resolution	203 dpi
Maximum Media Size	216mm
Max Input Sheet Capacity	210 sheets (on a full charge)
Product Dimensions	10.43"D x 1.06"W x 2.17"H (approx. 10.55 x 1.18 x 2.28 inches)
Item Weight	15.9 ounces (approx. 450 Grams)
Batteries	Internal rechargeable battery (1 AAA batteries required listed in specs is likely an error)
Special Feature	Portable
Color	Black

10. WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please contact Rongta customer support. Refer to the contact details provided on the official Rongta website or in your product packaging.

Official Support Website: rongtaglobal.com

Email: support@rongtatech.com

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