

## TATTMUSE A28U

# TATTMUSE Portable Thermal Printer A28U User Manual

Model: A28U | Brand: TATTMUSE

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your TATTMUSE Portable Thermal Printer, Model A28U. This 2025 upgraded inkless thermal printer is designed for portability and convenience, supporting both US Letter (8.5" x 11") and A4 paper sizes. It is compatible with a wide range of devices including iPhones, Android smartphones, and laptops, making it ideal for home, car, office, and school use.

The printer utilizes advanced thermal direct technology, eliminating the need for ink, toner, or ribbons, ensuring a clean and hassle-free printing experience. Its compact and lightweight design makes it an excellent companion for travel and on-the-go printing needs.

## 2. KEY FEATURES

- **Portable Design:** Weighing only 1.3 pounds and featuring compact dimensions (10.39"D x 2.44"W x 1.42"H), this printer is easily carried in a bag or briefcase, suitable for long-distance commuting and mobile professionals.
- **Inkless Thermal Technology:** Utilizes advanced thermal technology, eliminating the need for ink, toner, or ribbons. This prevents clogging and cleaning issues, requiring only thermal paper for operation.
- **High-Definition Printing:** Delivers clear and sharp results with 300dpi resolution. Note that the printer only supports black and white printing.
- **Wireless Bluetooth Connectivity:** Supports Bluetooth connection for seamless printing from iOS and Android smartphones and tablets via the dedicated smart app.
- **Wired USB Connection:** Can be connected to computers (Windows, macOS, Chrome OS, Linux) via a USB cable for printing. Drivers are required for computer use.
- **Long-lasting Battery:** Equipped with a built-in 2600mAh rechargeable battery, capable of printing approximately 150 sheets of thermal paper or operating for about 1 hour on a full charge.
- **Wide Paper Compatibility:** Supports standard 8.5" x 11" US Letter and A4 size thermal paper.

### 3. WHAT'S IN THE BOX



Image: Packaging list for the TATTMUSE Portable Printer. It includes the printer unit, 10 sheets of US Letter thermal paper, a USB-C cable, and a USB-C adapter.

Upon opening the package, please ensure all the following items are present:

- 1 x TATTMUSE Portable Thermal Printer (Model A28U)
- 10 x US Letter Thermal Papers
- 1 x USB-C Cable
- 1 x USB-C Adapter
- 1 x User Manual (this document)
- 1 x Quick Start Guide

## 4. SETUP GUIDE

### 4.1 Charging the Printer

Before first use, fully charge the printer. Connect the provided USB-C cable to the printer's charging port and the other end to a compatible USB power adapter (5V/2A recommended). The charging indicator light

will show the charging status. A full charge takes approximately 2-3 hours.

# Long-lasting Capacity Battery

# 1500

## mAh



**1500** mAh Capacity      **200<sup>+</sup>** Sheet Printing      **15h** Long Standby

Image: The printer's charging port and battery indicator. Ensure the printer is fully charged before initial use for optimal performance.

## 4.2 Loading Thermal Paper

1. Gently open the paper cover of the printer.
2. Insert the thermal paper with the printable side facing up. Ensure the paper is aligned correctly and smoothly within the paper guides.
3. Close the paper cover firmly until it clicks into place.



Image: Proper loading of thermal paper into the printer. The image highlights the A4 and US Letter size indicators on the printer, ensuring correct paper alignment.

### 4.3 Connecting to Your Device

The TATTMUSE Portable Printer supports both Bluetooth and USB cable connections.

#### Bluetooth Connection (Recommended for Mobile Devices)

1. Turn on the printer by pressing the power button. The Bluetooth indicator light will start blinking.
2. Enable Bluetooth on your smartphone or tablet (iOS/Android).
3. Download the official TATTMUSE printer app from the Apple App Store or Google Play Store.
4. Open the app and follow the on-screen instructions to search for and connect to your printer. The printer's Bluetooth name typically includes "TATTMUSE" or its model number (e.g., "TATTMUSE A28U").

#### USB Cable Connection (For Computers)

1. Connect the printer to your computer (Windows, macOS, Chrome OS, Linux) using the provided USB-C cable.
2. For computer printing, you will need to download and install the appropriate printer driver from the official TATTMUSE website. Bluetooth connection is not supported for computer printing.





Image: The printer demonstrating wide compatibility, showing connections to a laptop via USB and a smartphone/tablet via Bluetooth. Supported operating systems include iOS, Android, macOS, Windows, Chrome OS, and Linux.

## 5. OPERATING INSTRUCTIONS

### 5.1 Printing from Mobile Devices (via App)

1. Ensure the printer is powered on and connected via Bluetooth to your mobile device.
2. Open the TATTMUSE printer app on your smartphone or tablet.
3. Select the document, image, or web page you wish to print from within the app.
4. Adjust print settings (e.g., paper size, density, number of copies) if available in the app.
5. Tap the "Print" button. The printer will automatically feed and print the document.



Image: The printer in action, producing a printed document. A smartphone screen displays the printer's mobile application, indicating various printing options like printing documents, images, or web pages.

## 5.2 Printing from Computers (via USB)

1. Ensure the printer is powered on and connected to your computer via USB.
2. Verify that the printer driver is correctly installed on your computer.
3. Open the document or file you wish to print on your computer.
4. Go to "File" > "Print" (or press Ctrl+P/Cmd+P).
5. Select the "TATTMUSE Portable Printer" from the list of available printers.
6. Adjust print settings as needed (e.g., paper size, orientation, print quality).
7. Click "Print".

## 5.3 Understanding Print Quality (300dpi)

The printer utilizes 300dpi high-definition thermal printing technology, ensuring clear and sharp black and white prints for documents, contracts, invoices, and more. Please remember that this printer does not support color printing.



Image: A magnified view of a printed document, demonstrating the 300dpi high-definition print quality. The text appears crisp and clear, suitable for professional documents.

## 6. MAINTENANCE

### 6.1 Cleaning the Print Head

To maintain optimal print quality and extend the life of your printer, regularly clean the print head. Use a soft, lint-free cloth lightly dampened with isopropyl alcohol. Gently wipe the print head surface. Ensure the printer is turned off and completely cool before cleaning. Allow the print head to dry completely before resuming use.

### 6.2 Paper Handling and Storage

Always use high-quality thermal paper specifically designed for thermal printers. Store thermal paper in a cool, dry place away from direct sunlight, heat, and humidity to prevent premature fading or damage to the paper's thermal coating.

### 6.3 Battery Care

To prolong the life of the built-in rechargeable battery, avoid completely discharging it frequently. If the printer will not be used for an extended period (e.g., more than a month), charge it to about 50% and store it in a cool, dry place. It is recommended to recharge the printer every 3-6 months to prevent deep

discharge.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Printer not turning on	Low battery; Power button not pressed firmly or long enough.	Charge the printer fully; Press and hold the power button for a few seconds until the indicator light appears.
No print output / Blank pages	Thermal paper loaded incorrectly (non-printable side up); Out of paper; Print head dirty.	Reload paper with the printable (smoother) side facing up; Load new thermal paper; Clean the print head as per maintenance instructions.
Poor print quality (faded, lines, incomplete)	Dirty print head; Low battery; Poor quality or old thermal paper; Incorrect print density settings.	Clean the print head; Recharge the printer; Use recommended fresh thermal paper; Adjust print density settings in the app/driver.
Cannot connect via Bluetooth	Printer not in pairing mode; Bluetooth off on device; App issue; Interference.	Ensure printer is on and Bluetooth indicator is blinking; Enable Bluetooth on your device; Restart the app and printer; Move closer to the printer and away from other wireless devices.
Computer not recognizing printer via USB	Driver not installed or corrupted; Faulty USB cable or port.	Install the correct printer driver from the official TATTMUSE website; Try a different USB cable or a different USB port on your computer.

## 8. SPECIFICATIONS

**Brand:** TATTMUSE

**Model Name:** A28U

**Connectivity Technology:** Bluetooth, USB

**Printing Technology:** Thermal

**Color:** Black

**Printer Output:** Monochrome (Black and White)

**Max Print Speed (Monochrome):** 20 ppm (pages per minute)

**Print Resolution:** 300 dpi

**Supported Paper Sizes:** 8.5" x 11" US Letter, A4

**Battery:** Built-in 2600mAh rechargeable lithium battery

**Battery Life:** Approximately 1 hour of continuous printing or ~150 sheets per full charge

**Item Weight:** 585 Grams (approx. 1.3 lbs)

**Product Dimensions (L x W x H):** 10.39" x 2.44" x 1.42"






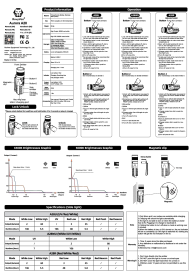
Image: The compact design of the TATTMUSE Portable Printer, highlighting its dimensions (10.39 inches length, 2.44 inches width, 1.42 inches height) and light weight (1.3 lbs), making it highly portable for business travel and daily use.

## 9. WARRANTY AND SUPPORT

TATTMUSE products come with a standard manufacturer's warranty. Please refer to the warranty card included in your packaging or visit the official TATTMUSE website for detailed warranty terms and conditions, including coverage period and claim procedures.

For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact TATTMUSE customer service. Contact information can typically be found on the official website or through your purchase platform.

**Official TATTMUSE Store on Amazon:** [Visit the TATTMUSE Store](#)

	<p><a href="#">Phomemo A282M Quick Start Guide: Setup, Printing, and Maintenance</a></p> <p>Comprehensive guide to setting up, printing with, and maintaining the Phomemo A282M portable thermal printer. Includes packing list, app connection, computer printing, cleaning, charging, and safety information.</p>
	<p><a href="#">RovyVon Aurora A28 User Manual and Specifications</a></p> <p>Comprehensive user manual and technical specifications for the RovyVon Aurora A28 flashlight, covering product information, operation, brightness graphics, and detailed specifications for different models (A28U, A28WU, A28R).</p>