

[Manuals.plus](#) /

› [EPOMAKER](#) /

› EPOMAKER F108 Wireless Gaming Keyboard + Roseveil Silent Keyboard Switch User Manual

EPOMAKER F108

EPOMAKER F108 Wireless Gaming Keyboard + Roseveil Silent Keyboard Switch User Manual

Model: F108

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your EPOMAKER F108 Wireless Gaming Keyboard, equipped with Roseveil Silent Keyboard Switches. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

- EPOMAKER F108 Wireless Gaming Keyboard
- Roseveil Silent Keyboard Switches (pre-installed or included separately)
- USB-C Cable
- Keycap Puller
- Switch Puller

PRODUCT OVERVIEW

The EPOMAKER F108 is a full-size mechanical keyboard designed for gaming and general use, featuring versatile connectivity and customizable components.



Figure 1: EPOMAKER F108 Wireless Gaming Keyboard layout.

Key Features:

- **Full-Size Layout:** Provides a complete set of keys, including a numeric keypad, for comprehensive functionality.
- **Tri-Mode Connectivity:** Supports wired (USB-C), 2.4GHz wireless, and Bluetooth connections for broad compatibility.
- **Hot-Swappable Switches:** Allows for easy replacement of 3/5-pin mechanical switches without soldering.
- **South-Facing RGB Lighting:** Customizable per-key RGB backlighting and side lighting.
- **Gasket Mounted Design:** Enhances typing feel and sound profile.
- **PBT Keycaps:** Durable keycaps with Cherry profile for comfortable typing.
- **Anti-Ghosting:** Ensures all key presses are registered accurately during rapid input.
- **Long Battery Life:** Equipped with a 4000mAh battery for extended wireless use.

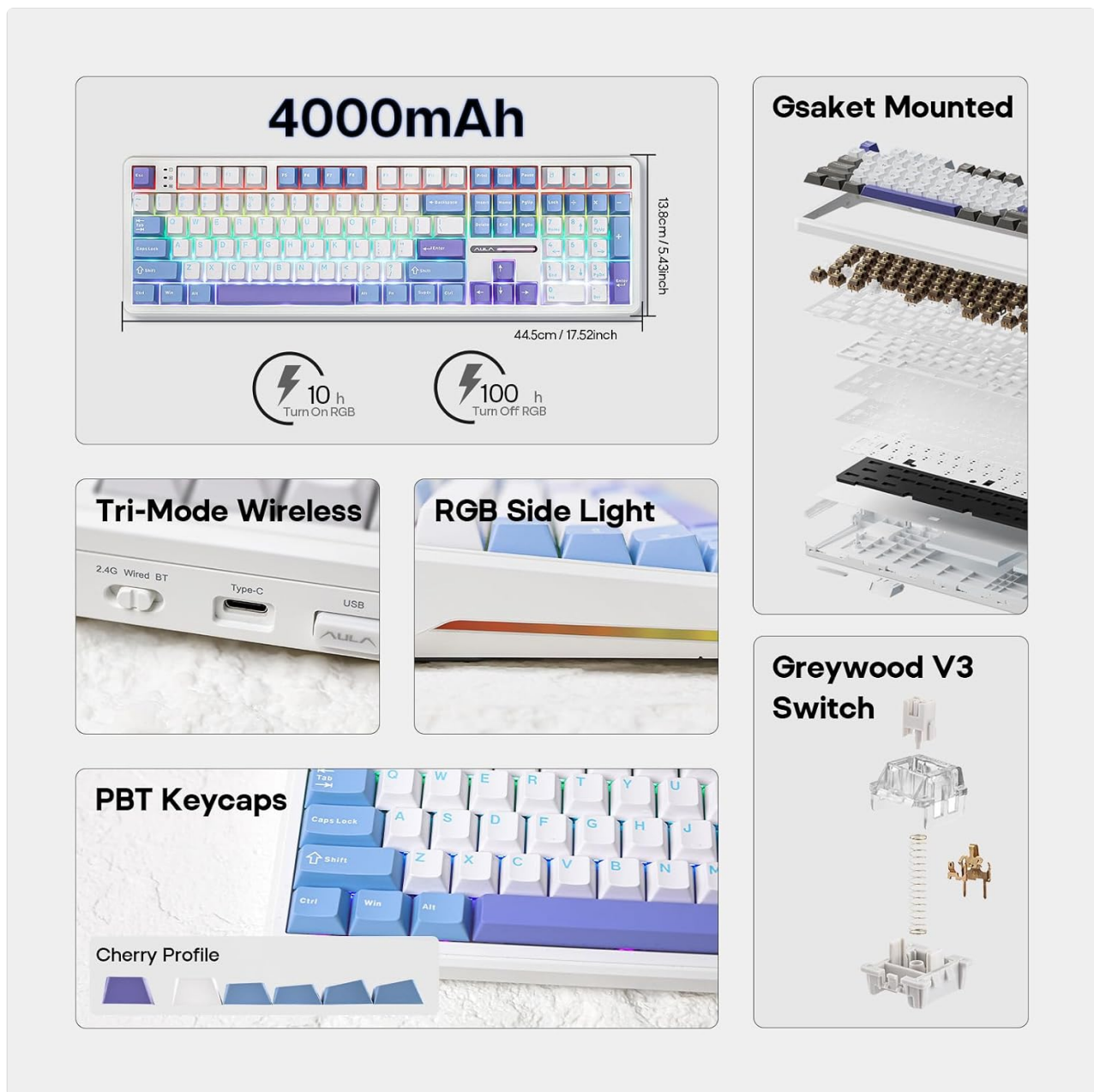


Figure 2: Overview of EPOMAKER F108 key features including battery capacity, connectivity modes, and construction.

SETUP INSTRUCTIONS

1. Charging the Keyboard

Before initial use, connect the keyboard to a USB power source using the provided USB-C cable. The charging indicator will show the charging status. A full charge is recommended for optimal wireless performance.

2. Connecting the Keyboard

The F108 keyboard supports three connection modes: Wired, 2.4GHz Wireless, and Bluetooth.

THREE CONNECTION MODES

Support for a variety of devices and systems

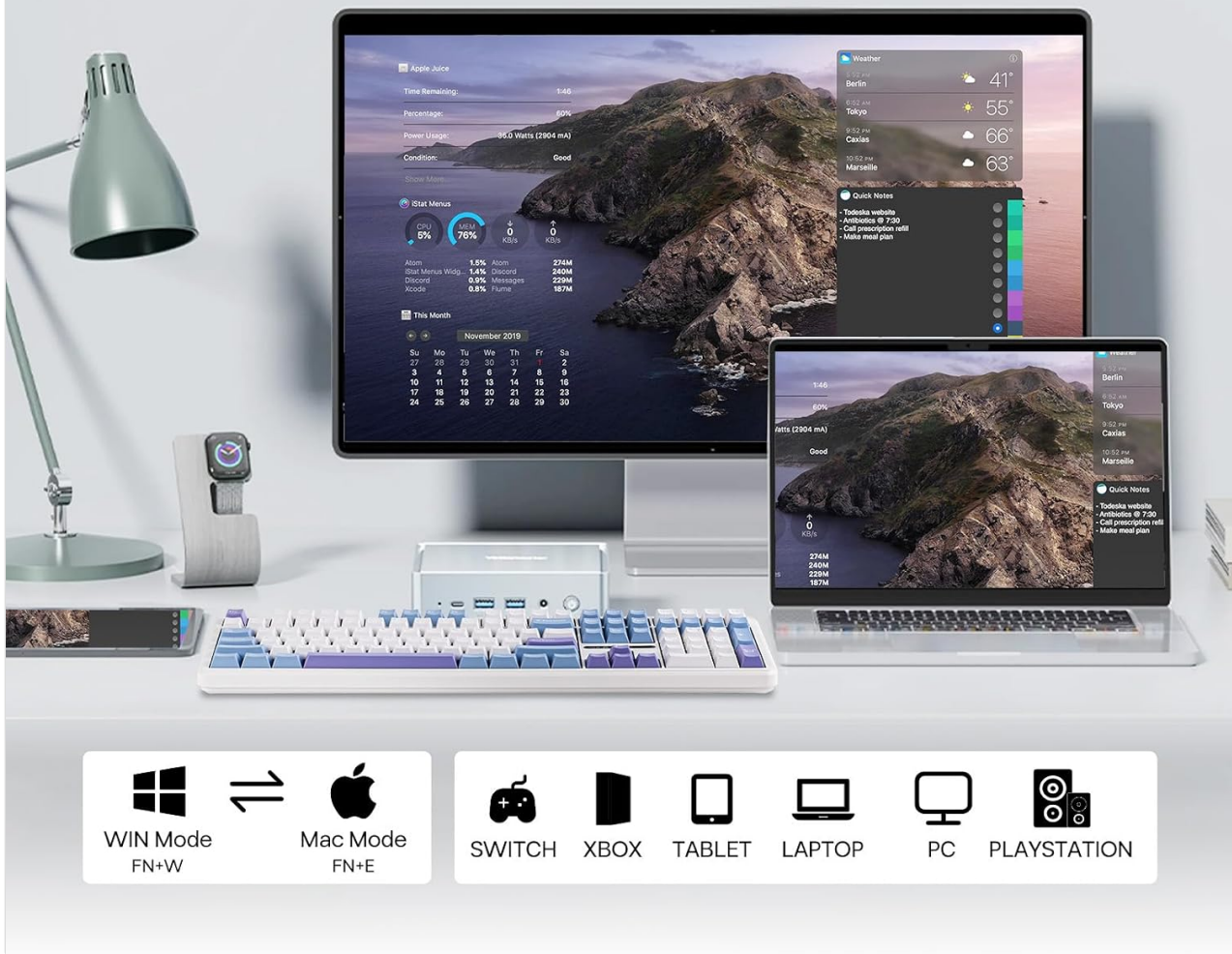


Figure 3: Visual representation of the three connection modes and compatible devices.

Wired Mode:

- Connect the USB-C cable to the keyboard and the other end to your computer's USB port.
- The keyboard will automatically switch to wired mode.

2.4GHz Wireless Mode:

- Locate the 2.4GHz USB receiver (usually stored in a compartment on the keyboard).
- Plug the receiver into an available USB port on your computer.
- Switch the keyboard's mode selector to 2.4G. The keyboard should connect automatically.

Bluetooth Mode:

- Switch the keyboard's mode selector to BT.
- On your device (PC, laptop, tablet, gaming console), enable Bluetooth and search for new devices.
- Select "EPOMAKER F108" (or similar name) from the list of available devices to pair.
- The keyboard may support multiple Bluetooth profiles. Refer to the keyboard's specific function keys (e.g., Fn+1, Fn+2, Fn+3) to switch between paired devices.

3. Operating System Mode Switching

The keyboard supports both Windows (WIN) and Mac (Mac) modes for optimal key mapping.

- **Windows Mode:** Press **Fn + W**
- **Mac Mode:** Press **Fn + E**

OPERATING INSTRUCTIONS

1. Basic Key Functions

The F108 keyboard features a standard 108-key layout. Many keys have secondary functions accessible via the **Fn** key.

- **Fn + F1-F12:** Multimedia controls (e.g., volume, play/pause, track skip). Specific functions may vary.
- **Fn + Arrow Keys:** Adjust RGB lighting effects (brightness, speed, mode).
- **Fn + Other Keys:** Access various system or keyboard-specific functions. Refer to the keycap legends for details.

2. RGB Lighting Control

The keyboard features customizable RGB backlighting and side lighting. Use the following combinations to adjust:

- **Fn + \ | :** Cycle through different lighting modes.
- **Fn + ↑ / ↓:** Adjust backlight brightness.
- **Fn + ← / →:** Adjust lighting effect speed or direction.
- **Fn + Del:** Change backlight color (for static modes).

3. Anti-Ghosting and Low Latency

The F108 keyboard is designed with full N-key rollover (anti-ghosting) to ensure every key press is registered, even during simultaneous inputs. It also offers low latency for responsive gaming.



Figure 4: Illustration of anti-ghosting capability and latency values for different connection modes.

MAINTENANCE

1. Cleaning the Keyboard

- Disconnect the keyboard from all power sources before cleaning.
- Use a soft brush or compressed air to remove dust and debris from between the keycaps.
- For stubborn dirt, gently wipe the keycaps and chassis with a slightly damp, lint-free cloth. Avoid excessive moisture.
- Do not use harsh chemicals or abrasive materials.

2. Hot-Swapping Switches

The F108 keyboard features hot-swappable sockets, allowing you to change switches without soldering. This model comes with Roseveil Silent Keyboard Switches.

HOT SWAPPABLE

3/5-pin Mechanical Switches



Figure 5: Demonstrates the hot-swappable feature, showing a switch being removed with a puller, and components like tuned stabilizers and MX Cherry keycaps.

- **Removing a Switch:** Use the provided switch puller. Grip the switch firmly on the top and bottom (or sides, depending on the puller design) and pull straight up with gentle force. Avoid bending the pins.
- **Installing a Switch:** Align the pins of the new 3-pin or 5-pin mechanical switch with the holes on the PCB. Gently push the switch down until it clicks into place. Ensure the pins are straight before insertion to prevent damage.

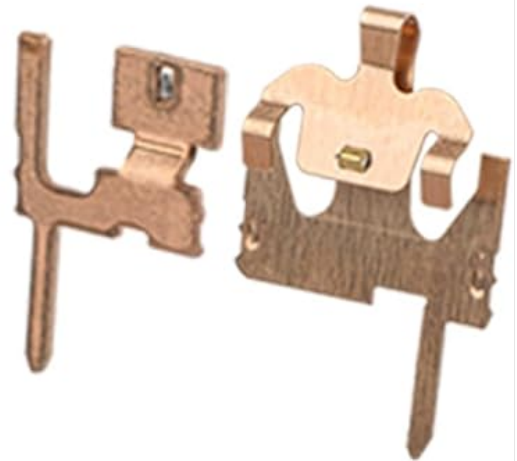


Figure 6: Exploded view of a Roseveil Silent Keyboard Switch, showing its internal components.



Figure 7: Angled view of a single Roseveil Silent Keyboard Switch.

TROUBLESHOOTING

- **Keyboard not responding:**

- Ensure the keyboard is charged.
- Check the connection mode (wired, 2.4G, BT) and ensure it matches your device.
- For wired mode, try a different USB port or cable.
- For 2.4G, ensure the receiver is securely plugged in and try re-pairing if necessary.
- For Bluetooth, ensure Bluetooth is enabled on your device and try re-pairing.

- **Keys not registering or double-typing:**

- This could indicate a faulty switch. Try hot-swapping the problematic switch with a known working one or a spare.
- Ensure switches are fully seated in their sockets.

- **RGB lighting not working:**

- Check if the lighting is turned off or set to minimum brightness (Fn + Arrow Down).
- Cycle through lighting modes (Fn + \ |).

- **Bluetooth connection unstable:**
 - Ensure there are no strong interferences nearby (e.g., other wireless devices).
 - Try moving the keyboard closer to the device.
 - Re-pair the Bluetooth connection.

SPECIFICATIONS

Brand	EPOMAKER
Model	F108
Connectivity	Wired (USB-C), 2.4GHz Wireless, Bluetooth
Keyboard Layout	QWERTY, Full-size (108 keys)
Switch Type	Roseveil Silent Keyboard Switch (Linear, Hot-Swappable 3/5-pin)
Battery Capacity	4000mAh
Compatible Devices	Gaming Console, Laptop, PC, Tablet
Special Features	Hot-Swappable, RGB Backlighting, Gasket Mounted, PBT Keycaps, Anti-Ghosting

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official EPOMAKER website or contact their customer service directly. Details are typically provided with your purchase documentation or on the product packaging.

EPOMAKER Official Website: www.epomaker.com