

EPOMAKER TH108 PRO

EPOMAKER TH108 PRO Mechanical Keyboard User Manual

Model: TH108 PRO

1. INTRODUCTION

The EPOMAKER TH108 PRO is a full-size mechanical keyboard designed for versatility and performance. It features a 104-key layout, tri-mode connectivity (USB-C, 2.4GHz wireless, Bluetooth), a customizable smart screen with a multi-function knob, hot-swappable switches, and vibrant RGB backlighting. This manual provides comprehensive instructions to help you set up, operate, and maintain your keyboard.

2. PACKAGE CONTENTS

- EPOMAKER TH108 PRO Full-Size Gaming Keyboard x 1
- USB A-to-C Cable x 1
- Wireless 2.4Ghz Receiver x 1 (stored under the left kickstand)
- Spare Switches x 2
- 2-in-1 Switch & Keycap Puller x 1
- Multi-language Manual x 1

3. SETUP

3.1 Initial Charging

Before first use, connect the keyboard to a USB power source using the provided USB A-to-C cable to fully charge the 10000mAh battery. The screen will indicate charging status.

3.2 Connectivity Modes

The TH108 PRO supports three connection modes: Wired (USB-C), 2.4GHz Wireless, and Bluetooth. Use the switch located on the back of the keyboard to select your desired mode.

Tri-mode Connectivity

Wired Precision, BT Freedom,
2.4G Agility-One Keyboard to Rule All Workflows!



USB-C



2.4GHz



BT



Tablets



Laptops



PC



Phone

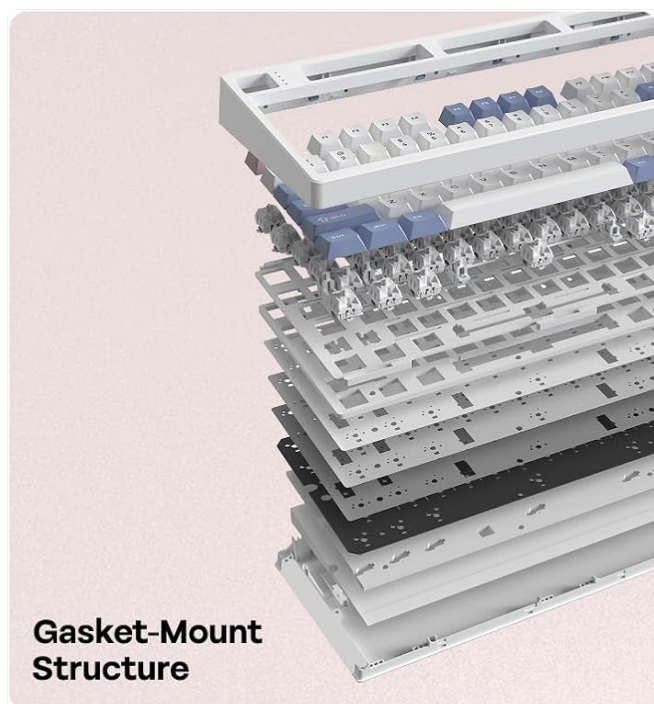
Image: Tri-mode connectivity options (USB-C, 2.4GHz, Bluetooth) and compatible devices (Tablets, Laptops, PC, Phone).

3.2.1 Wired Connection (USB-C)

- Set the mode switch on the back of the keyboard to 'USB'.
- Connect the USB-C cable to the keyboard and the USB-A end to your computer.
- The keyboard will be recognized automatically.

3.2.2 2.4GHz Wireless Connection

- Locate the 2.4GHz receiver stored under the left kickstand of the keyboard.
- Set the mode switch on the back of the keyboard to '2.4G'.
- Plug the 2.4GHz receiver into an available USB port on your computer.
- The keyboard should connect automatically.



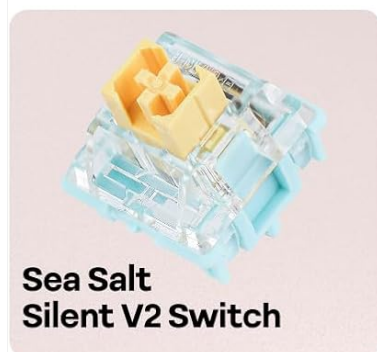
Gasket-Mount Structure



Win/Mac Compatibility



2.4GHz Dongle Storage Slot



Sea Salt Silent V2 Switch



10000mAh Battery



Cherry Profile PBT Keycap

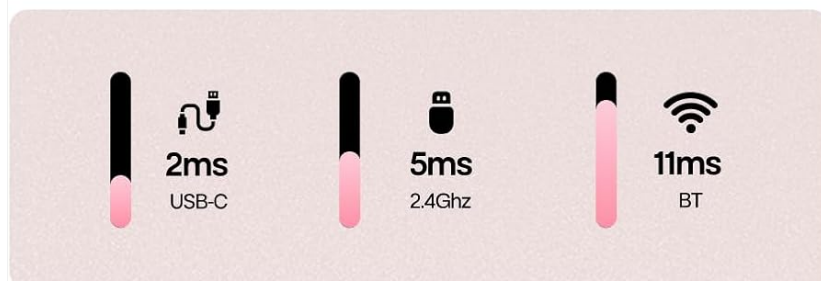


Image: The 2.4GHz dongle storage slot located on the back of the keyboard.

3.2.3 Bluetooth Connection

- Set the mode switch on the back of the keyboard to 'BT'.
- Press and hold **FN + 1**, **FN + 2**, or **FN + 3** for 3 seconds to enter pairing mode. The corresponding key's backlight will flash rapidly.
- On your device (PC, Mac, Android), search for Bluetooth devices and select 'TH108 PRO'.
- Once paired, the backlight will stop flashing. You can pair up to 3 Bluetooth devices.
- Switch between paired Bluetooth devices by pressing **FN + 1/2/3**.

3.3 Kickstand Adjustment

The TH108 PRO features 2-stage adjustable kickstands, allowing you to choose from 3 typing angles for ergonomic comfort.

3.4 Software Installation

For advanced customization, including key remapping, macro recording, and screen customization, download the web-

based driver from the official EPOMAKER website. The software is compatible with Mac and Windows operating systems.

Software Customizable

Your Play, Your Rules

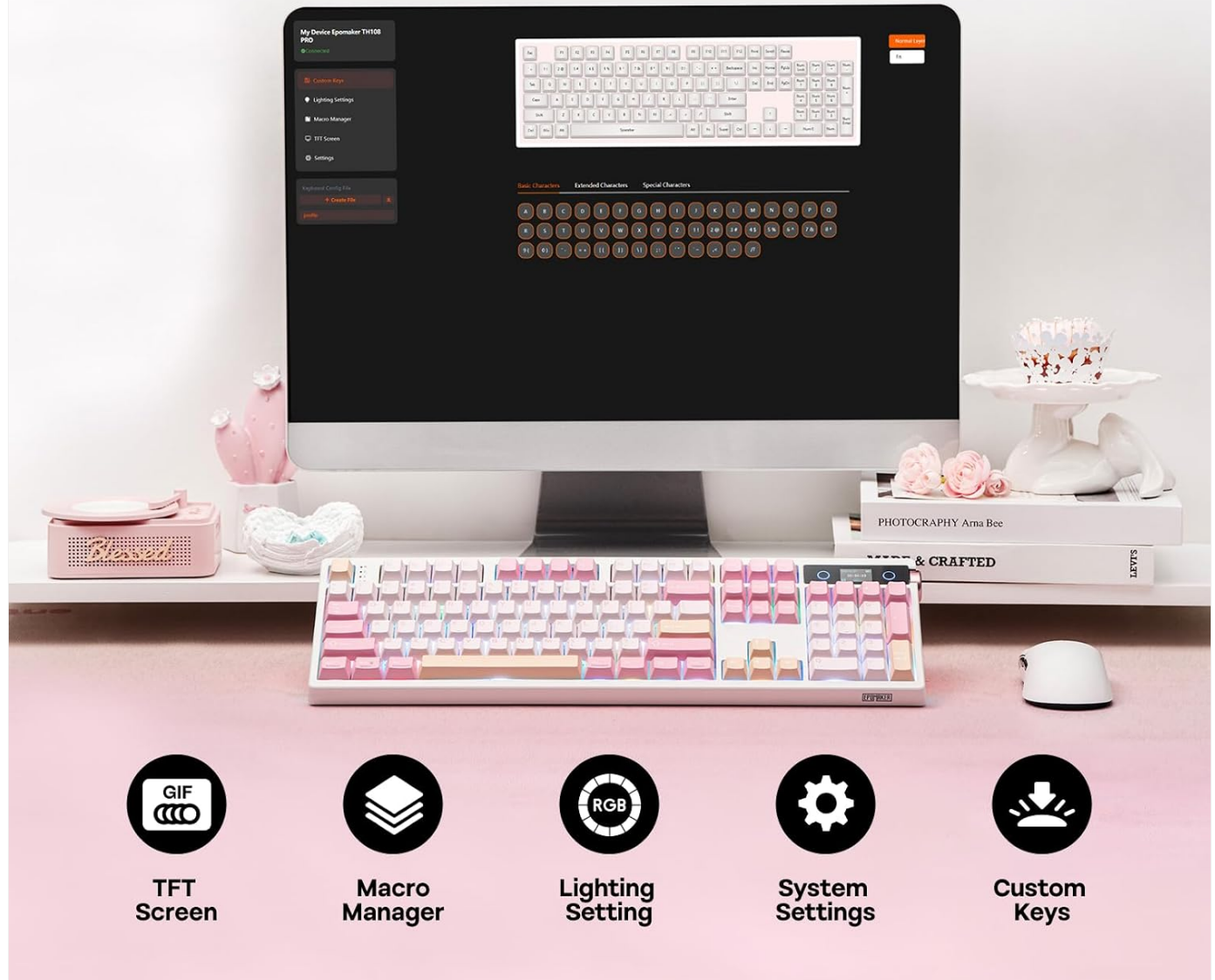


Image: The customizable software interface for TFT Screen, Macro Manager, Lighting Settings, System Settings, and Custom Keys.

4. OPERATING INSTRUCTIONS

4.1 Basic Key Functions

The TH108 PRO is a standard 104-key full-size keyboard. All keys function as labeled in their default state.

4.2 Smart Screen & Knob Functions

The integrated smart screen displays important information such as time, battery level, and connectivity mode. The multi-function knob allows for quick adjustments.

- **Knob Rotation:** Adjusts volume by default.
- **Knob Press:** Mutes/unmutes audio by default.
- **FN + Knob Press:** Switches the knob's function between volume control and screen control (e.g., RGB brightness,

speed).

- **Customization:** Use the software to upload custom GIFs or images to the screen.

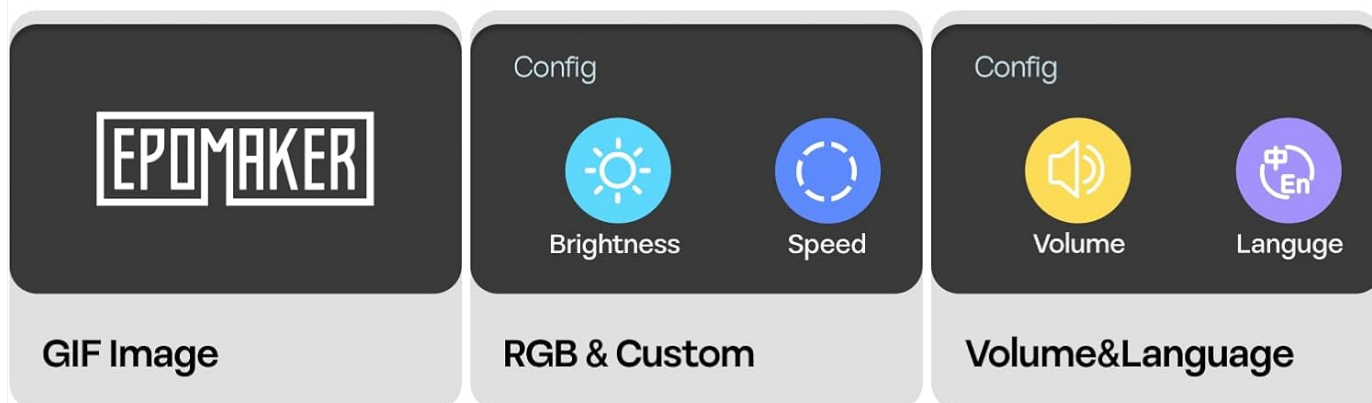


Image: The smart screen and knob offer customization for GIF images, RGB settings, volume, and language.

4.3 RGB Backlighting

The keyboard features south-facing, per-key RGB LEDs. You can adjust lighting effects, colors, brightness, and speed using the keyboard's function keys or the customization software.

- **FN + \|:** Change lighting effect.
- **FN + Arrow Keys:** Adjust brightness and speed.
- **Software:** For advanced RGB customization and dynamic effects.

4.4 Mac/Windows Compatibility

The TH108 PRO is compatible with both Mac and Windows operating systems. Use the dedicated switch or key combination (if available) to switch between layouts. The customization software also supports both OS.

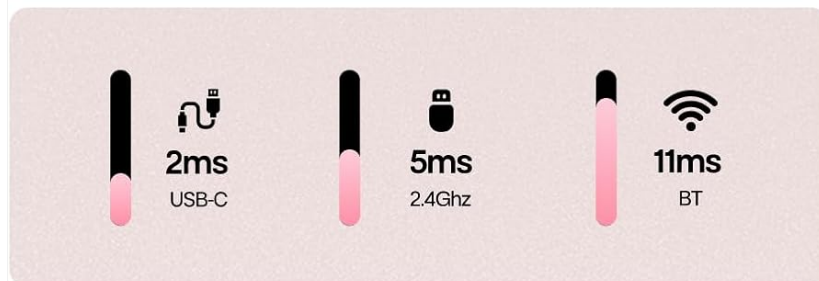
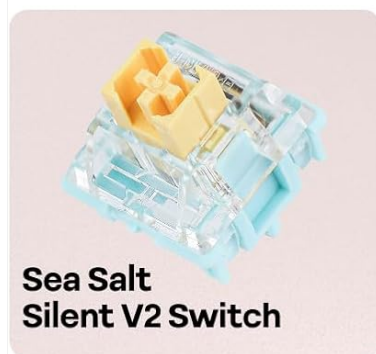
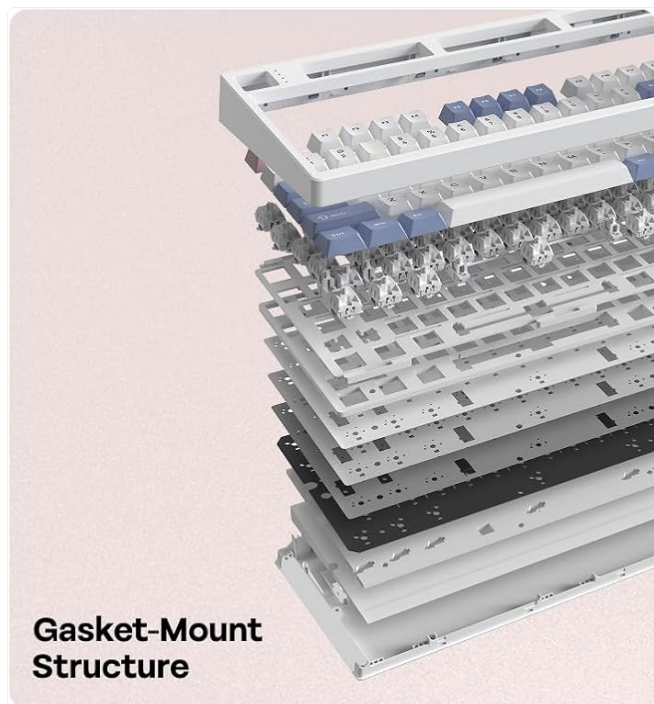


Image: The keyboard features a switch for Win/Mac compatibility.

5. MAINTENANCE

5.1 Cleaning the Keyboard

- Disconnect the keyboard from all power sources.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and case.
- For dust and debris between keys, use compressed air or a small brush.
- Avoid harsh chemicals or abrasive materials.

5.2 Keycap and Switch Replacement (Hot-Swappable)

The TH108 PRO features a hot-swappable PCB, allowing you to change switches without soldering. It is compatible with 5-pin mechanical switches.

Hot-swappable Keyboard



South-facing LEDs



Hot-swap Socket



Finely-tuned Stabilizer

Image: A switch being removed from the hot-swappable socket, showing south-facing LEDs and finely-tuned stabilizers.

- **Removing Keycaps:** Use the provided keycap puller to gently remove keycaps by pulling straight up.
- **Removing Switches:** Use the provided switch puller to carefully grip the top and bottom clips of the switch and pull it straight out.
- **Installing Switches:** Align the pins of the new switch with the holes on the PCB. Gently push the switch down until it clicks into place. Ensure pins are not bent.
- **Installing Keycaps:** Align the keycap with the switch stem and push down firmly.

5.3 Battery Care

- Avoid exposing the keyboard to extreme temperatures.
- Charge the battery regularly, but avoid leaving it fully discharged for extended periods.
- For optimal battery life, consider turning off RGB lighting when not needed.

Experience Lasting Power

Built with a massive battery that simply lasts



42
HOURS



200
HOURS



Image: The keyboard offers up to 42 hours of battery life with RGB on and 200 hours with RGB off.

6. TROUBLESHOOTING

6.1 Keyboard Not Responding

- Ensure the keyboard is charged.
- Check the connection mode switch (USB, 2.4G, BT) is set correctly.
- For wired mode, try a different USB port or cable.
- For 2.4GHz, ensure the receiver is securely plugged in and try a different USB port.
- For Bluetooth, re-pair the device or try connecting to a different Bluetooth slot (FN+1/2/3).
- Restart your computer.

6.2 RGB Lighting Issues

- Ensure RGB is enabled via FN key combinations or software.

- Check brightness settings.
- If specific keys are not lighting up, check if the switch is properly seated or if the LED is damaged (requires switch replacement).

6.3 Smart Screen Not Displaying

- Ensure the keyboard is powered on.
- Check if the screen brightness is set too low.
- If custom content was uploaded, ensure it is in a compatible format.
- Try resetting the keyboard (refer to software or manufacturer’s website for specific instructions).

6.4 Software Not Detecting Keyboard

- Ensure the keyboard is connected via USB-C.
- Close and reopen the software.
- Reinstall the software from the official EPOMAKER website.
- Update your operating system drivers.

7. SPECIFICATIONS

Feature	Description
Brand	EPOMAKER
Model	TH108 PRO
Layout	100% Full-Size (104 keys)
Connectivity	USB-C Wired, 2.4GHz Wireless, Bluetooth (up to 3 devices)
Compatibility	Mac, Windows, Android
Battery	10000mAh Rechargeable
Polling Rate	1000Hz (USB, 2.4GHz), 125Hz (Bluetooth)
Latency	2ms (USB), 5ms (2.4GHz), 11ms (Bluetooth)
Mounting Structure	Gasket Mount
Case Material	Thick ABS Plastic
Plate Material	PC Plastic (Flex-cut)
Stabilizers	Plate-mount, finely tuned
Sound Dampening	5 layers (PORON sandwich foam, IXPE switch pad, PET, PORON switch socket foam, bottom silicone)
Keycap Profile	Cherry Profile
Keycap Material	Double-shot PBT Plastic
Switches	Hot-swappable (5-pin mechanical switches)

Feature	Description
RGB	South-facing, per-key LED
Anti-Ghosting	N-key rollover (NKRO)

7.1 EPOMAKER Sea Salt Silent V2 Switch Specifications

Parameter	Value
Switch Type	5-pin Mechanical, Silent, Linear, Pre-lubed
Trigger Force	45 ± 5gf
Bottom-out Force	51 ± 5gf
Pre-travel	1.8 ± 0.4mm
Total Travel	3.5 ± 0.4mm
Top Case	Transparent PC
Bottom Case	Light Blue PA66
Stem	Yellow POM
Special Feature	Dustproof





Sea Salt Silent V2 Switch

Pre-Lubed Linear Mechanical Switch

45±5gf Trigger Force	51±5gf Bottom-Out Force
1.8±0.4mm Pre-Travel	3.5±0.4mm Total Travel

Image: Detailed specifications for the Sea Salt Silent V2 Switch.

8. WARRANTY

EPOMAKER products typically come with a standard manufacturer's warranty. For detailed information regarding warranty periods, coverage, and claims, please refer to the official EPOMAKER website or contact their customer support directly. Keep your proof of purchase for warranty validation.

9. SUPPORT

If you encounter any issues or have questions not covered in this manual, please visit the official EPOMAKER support page or contact their customer service team. You can usually find contact information and FAQs on their website:

[EPOMAKER Official Website](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question