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› EPOMAKER TH85 QMK/VIA Wireless Gaming Keyboard User Manual

EPOMAKER TH85

EPOMAKER TH85 QMK/VIA Wireless Gaming Keyboard User Manual

Model: TH85 | Brand: EPOMAKER

INTRODUCTION

Welcome to the user manual for your new EPOMAKER TH85 QMK/VIA Wireless Gaming Keyboard. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your keyboard to ensure optimal performance and longevity. The TH85 is designed for versatility and performance, featuring tri-mode connectivity, hot-swappable switches, and customizable RGB lighting.



Figure 1: EPOMAKER TH85 QMK/VIA Wireless Gaming Keyboard (White)

Video 1: EPOMAKER TH85 Product Show. This video provides a visual overview of the keyboard's design and features.

WHAT'S IN THE BOX

Please check the contents of your EPOMAKER TH85 package:

- EPOMAKER TH85 QMK/VIA Wireless Gaming Keyboard
- Keycap Puller
- USB Cable (USB-C to USB-A)
- User Manual (this document)

CREAMY & UNIQUELY SATISFYING

Gasket-Mount structure with 5 layers of cushions
High-Quality Pre-lubed Linear Switch

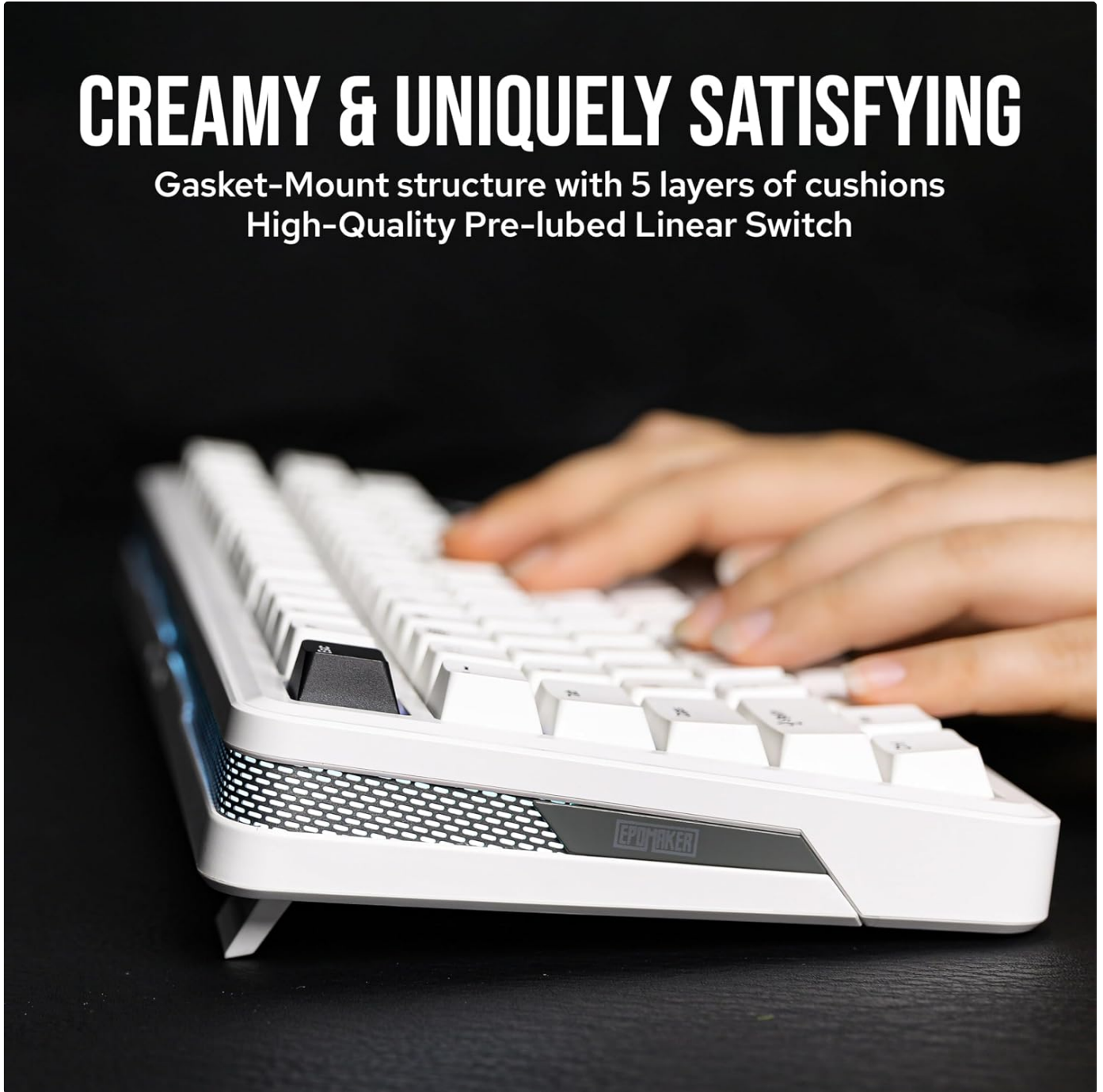


Figure 2: EPOMAKER TH85 and included accessories.

Video 2: Epomaker TH85 Unboxing Video. This video demonstrates the unboxing experience and shows the contents of the package.

SETUP

Tri-Mode Connectivity

The EPOMAKER TH85 supports three connection modes: Bluetooth 5.0, 2.4GHz wireless, and USB-C wired. You can easily switch between these modes using the toggle switch located on the top edge of the keyboard.

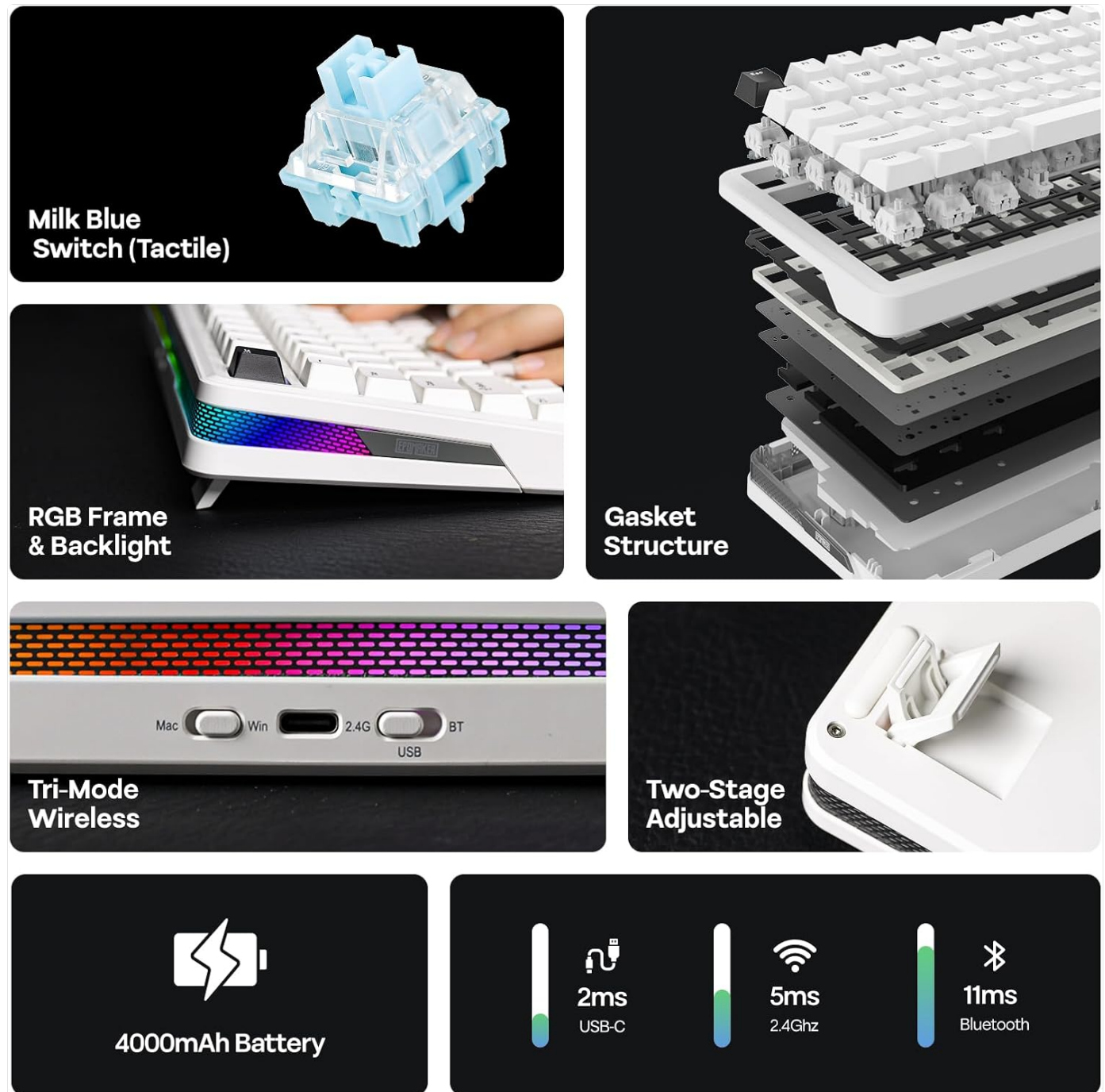


Figure 3: Tri-Mode Wireless connectivity options.

Bluetooth Connection:

1. Flip the mode switch on the keyboard to 'BT' (Bluetooth) mode. The indicator light will flash slowly.
2. Hold **Fn + Q**, **Fn + W**, or **Fn + E** until the indicator flashes faster, indicating pairing mode for device 1, 2, or 3 respectively.
3. On your device (PC, tablet, smartphone), enable Bluetooth and search for 'TH85-1', 'TH85-2', or 'TH85-3'.
4. Select the keyboard and complete the pairing process. The indicator light will become solid when connected.

2.4GHz Wireless Connection:

1. Flip the mode switch on the keyboard to '2.4G' mode.
2. Locate the 2.4GHz USB receiver stored under the keyboard's kickstand and pull it out.

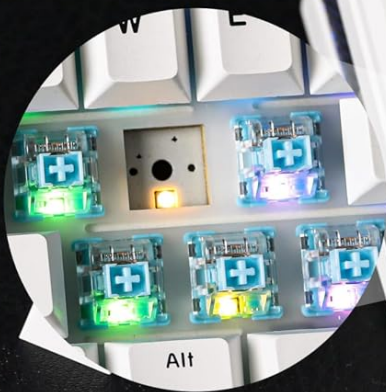
3. Insert the receiver into an available USB port on your computer. The indicator light on the keyboard will flash slowly.
4. Hold **Fn + R** until the indicator flashes faster, then release. The keyboard will automatically connect to the receiver. The indicator light will become solid when connected.

USB-C Wired Connection:

1. Flip the mode switch on the keyboard to 'USB' mode.
2. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to your computer's USB port.
3. The keyboard will be recognized automatically by your system.

HOT SWAPPABLE KEYBOARD

3/5 pins Mechanical Switches Compatible



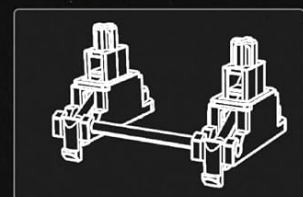
South-Facing LEDs



Pre-Lubed
Tactile Switch



Hot-Swap Socket



Fine-Tuned
Stabilizers

Figure 4: Overview of the three connection modes.

Video 3: EPOMAKER TH85 Tri-Mode Connection. This video demonstrates how to set up and switch between the different connection modes.

OPERATING INSTRUCTIONS

QMK/VIA Customization

The TH85 keyboard is fully compatible with QMK/VIA software, allowing for extensive customization of key functions, macros, and RGB lighting. Download the VIA software and the corresponding JSON file for your TH85 model from the official EPOMAKER website to begin customizing.



Figure 5: QMK/VIA compatibility for advanced customization.

Backlight Control

The keyboard features dynamic RGB lighting. Use the following key combinations to control the backlight:

- **Fn + HOME:** Turn ON/OFF Backlight
- **Fn + BACKSPACE:** Toggle Backlight Effect
- **Fn + PGUP:** Increase Backlight Brightness

- **Fn + PGDN:** Decrease Backlight Brightness
- **Fn + Left Arrow:** Decrease Backlight Effect Speed
- **Fn + Right Arrow:** Increase Backlight Effect Speed
- **Fn + END:** Toggle Logo Light Effect

Video 4: EPOMAKER TH85 RGB Backlight Setting. This video demonstrates various RGB backlight settings and controls.

Video 5: TH85 Wireless Gaming Keyboard - RGB Backlight Showing. This video showcases the dynamic RGB lighting effects of the keyboard.

Battery Check

To check the current battery level, press **Fn + ENTER**. The indicator lights will show the approximate battery status.

MODERN MINIMALISM FASHION

Compact 75% Layout

35 cm

14.1 cm

EPOMAKER Plate

Weight : 1kg

Connectivity Hub

Adjustable Kickstand

Figure 6: The TH85 offers extended battery life for wireless use.

Typing Experience

The TH85 features pre-lubed Milk Blue Tactile Switches and a gasket-mount structure with 5 layers of dampening

materials for a creamy and satisfying typing sound and feel.



Figure 7: Gasket-mount structure and pre-lubed switches contribute to a premium typing feel.

Video 6: EPOMAKER TH85 ASMR Typing Video. Experience the satisfying sound profile of the TH85 keyboard.

Video 7: Epomaker TH85 Typing Video. A short demonstration of the keyboard's typing sound.

MAINTENANCE

Hot-Swappable Switches and Keycaps

The EPOMAKER TH85 is designed with hot-swappable sockets, allowing you to easily change switches without soldering. This feature enables you to customize your typing feel and sound. The keycaps are also easily removable for cleaning or replacement.

- To remove a keycap, use the provided keycap puller. Gently pull upwards until the keycap detaches.
- To remove a switch, use the provided switch puller. Align the prongs with the clips on the top and bottom of the switch, squeeze, and pull upwards.
- To install a new switch, ensure the pins are straight and align them with the holes on the PCB. Press down firmly until the switch clicks into place.
- To install a keycap, align it with the switch stem and press down firmly.



Figure 8: The TH85 supports hot-swappable switches for easy customization.

QMK/VIA COMPATIBLE

Personalization with endless possibilities



USB-C

2ms

2.4Ghz

5ms

Bluetooth

11ms

Figure 9: The hot-swappable PCB allows for quick switch changes.

Cleaning

Regular cleaning helps maintain the keyboard's appearance and functionality:

- Use a soft, lint-free cloth to wipe down the keycaps and keyboard body.
- For deeper cleaning, remove the keycaps and use compressed air to clear dust and debris from between the switches.
- Avoid using harsh chemicals or abrasive materials, as they may damage the keyboard's finish.

TROUBLESHOOTING

If you encounter any issues with your EPOMAKER TH85 keyboard, please refer to the following common solutions:

Issue	Possible Cause	Solution
Keyboard not connecting (Bluetooth/2.4G)	Incorrect mode, low battery, interference, not in pairing mode.	Ensure correct mode is selected. Charge the keyboard. Re-enter pairing mode (Fn+Q/W/E for BT, Fn+R for 2.4G). Try a different USB port for the 2.4G receiver.
Backlight not working or stuck	Backlight turned off, software glitch.	Press Fn+HOME to toggle backlight. Use Fn+BACKSPACE to cycle effects. Reset keyboard to factory settings (Fn+SPACE).
Keys not responding	Loose switch, Windows key locked, software issue.	Check if switches are properly seated. Press Fn+L_WIN to lock/unlock Windows key. Try wired mode. Reset keyboard to factory settings (Fn+SPACE).
Lag or delayed input	Interference, distance from receiver/device, low battery.	Ensure keyboard is close to receiver/device. Charge the keyboard. Minimize wireless interference.

For more detailed troubleshooting and specific key combinations, please refer to the official EPOMAKER TH85 Shortcuts video:

Video 8: EPOMAKER TH85 RGB Backlight Setting. This video also covers some shortcuts and functions that can aid in troubleshooting.

SPECIFICATIONS

Feature	Detail
Model	TH85
Connectivity	Bluetooth, USB-C, 2.4Ghz wireless
Keyboard Description	Mechanical
Number of Keys	84
Switches	Pre-lubed Milk Blue Tactile Switches (Hot-Swappable)
Backlighting	RGB
Special Features	Gasket-Mount, Backlit, Low-Latency, QMK/VIA, Hot-Swappable
Battery	1 Lithium Ion battery (included)
Dimensions (L x W x H)	13.78" x 5.51" x 1.65"
Weight	2.93 pounds
Compatible Devices	Laptop, Gaming Console, PC, Tablet, Smartphone

CREAMY & UNIQUELY SATISFYING

Gasket-Mount structure with 5 layers of cushions
High-Quality Pre-lubed Linear Switch



Figure 10: Keyboard dimensions and compact 75% layout.

WARRANTY AND SUPPORT

EPOMAKER products are designed for durability and performance. For warranty information and customer support, please refer to the official EPOMAKER website or contact their customer service directly.

You can also download the official User Manual in PDF format for more detailed information:

[Download User Manual
\(PDF\)](#)

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