

KEMOVE K87

KEMOVE K87 Wireless TKL Mechanical Gaming Keyboard User Manual

Model: K87 | Brand: KEMOVE

INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your KEMOVE K87 Wireless TKL Mechanical Gaming Keyboard. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

WHAT'S IN THE BOX

- KEMOVE K87 Mechanical Keyboard x 1
- 2.4G Receiver (Hidden in the Fuselage) x 1
- 2-in-1 Switch & Keycap Puller x 1
- USB Cable x 1
- User Manual x 1

PRODUCT OVERVIEW

The KEMOVE K87 is a versatile TKL (Tenkeyless) mechanical gaming keyboard designed for flexibility and performance. It features multiple connectivity options, customizable RGB lighting, and hot-swappable switches.



Figure 1: KEMOVE K87 Wireless TKL Mechanical Gaming Keyboard. This image shows the full keyboard layout with its distinctive blue, white, and gray keycaps and RGB lighting.

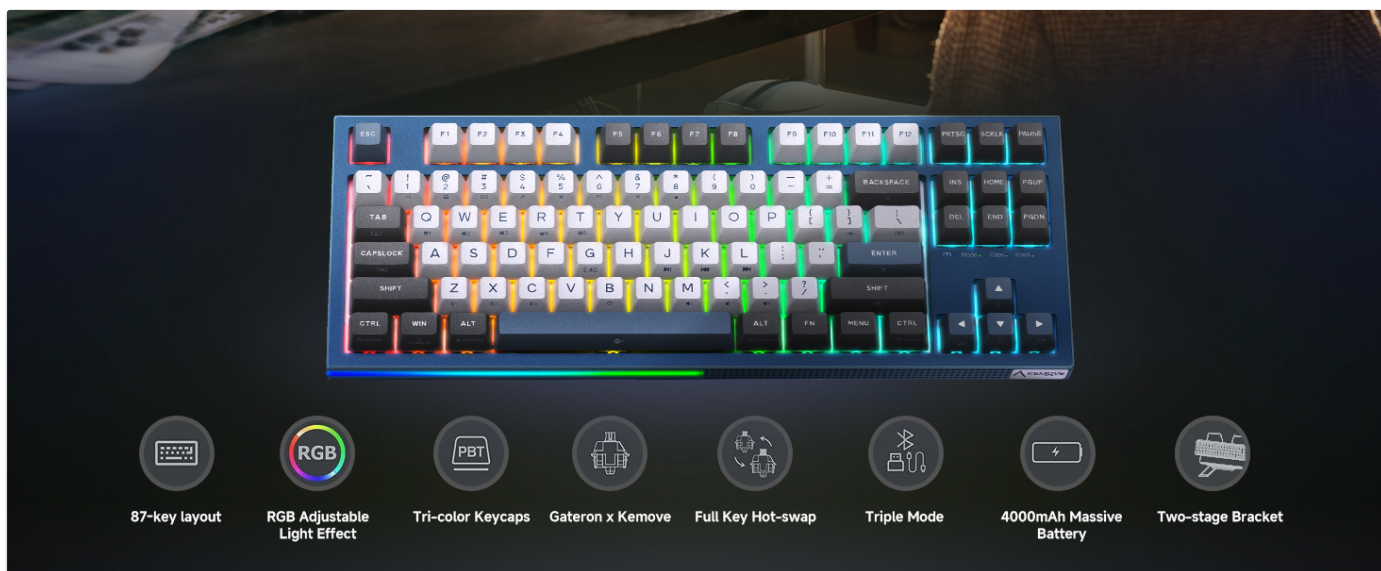


Figure 2: Key features of the KEMOVE K87 keyboard, including its 87-key layout, RGB adjustable light effects, tri-color keycaps, Gateron x KEMOVE switches, full hot-swap capability, triple mode connectivity, 4000mAh battery, and two-stage bracket.

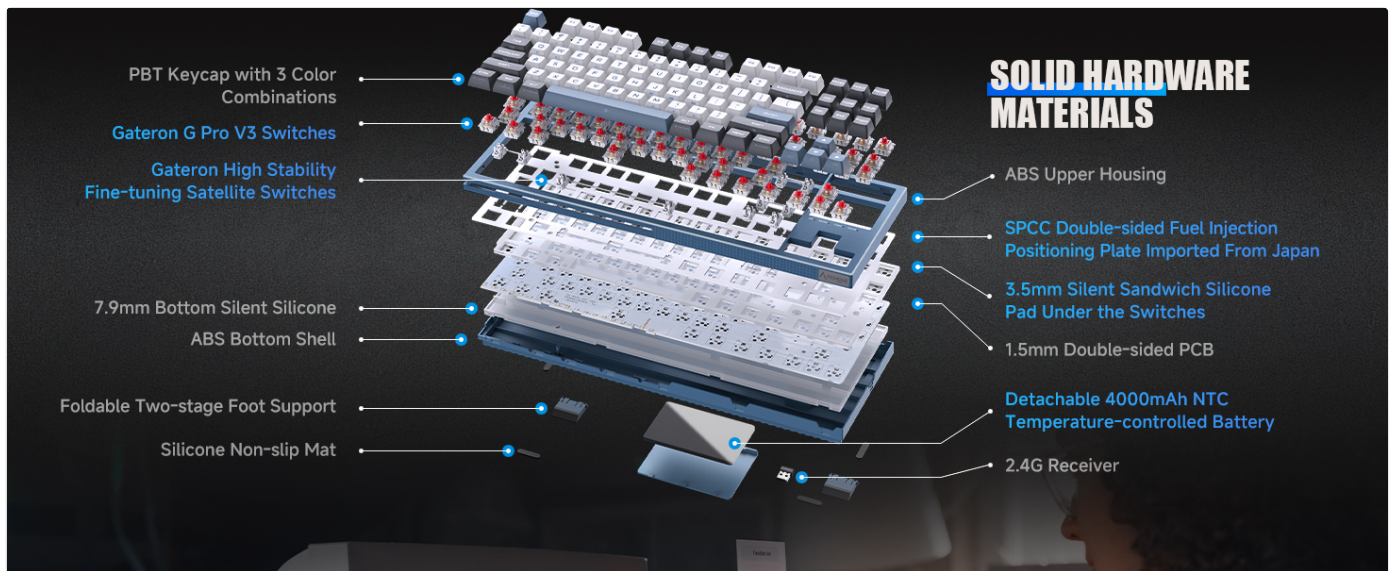


Figure 3: Exploded view illustrating the solid hardware materials and layered construction of the KEMOVE K87, including PBT keycaps, Gateron G Pro V3 switches, silicone dampening pads, and the 4000mAh battery.

SETUP

1. Connectivity Modes

The KEMOVE K87 supports three connection modes: Bluetooth 5.0, 2.4G Wireless, and Wired (USB-C).

- **2.4G Wireless Mode:** Offers an ultra-fast and stable connection with a 1000Hz polling rate. The 2.4G receiver is conveniently stored within the keyboard's chassis.
- **Bluetooth 5.0 Mode:** Provides a reliable wireless connection with a 125Hz polling rate, ideal for general use and multi-device pairing.
- **Wired Mode (USB-C):** Connect directly via the included USB-C to USB-A cable for a stable 1000Hz polling rate connection and simultaneous charging.

TRI-MODES CONNECTIVITY



Figure 4: Illustration of the KEMOVE K87's tri-mode connectivity options: Bluetooth 5.0, 2.4 GHz wireless, and USB/Type-C wired connection, compatible with both Mac and Windows systems.

2. Initial Setup

1. **Unpack:** Carefully remove the keyboard and all accessories from the packaging.
2. **Charge:** For first-time use, it is recommended to fully charge the keyboard using the provided USB-C cable. Connect the USB-C end to the keyboard and the USB-A end to a power source (e.g., computer USB port, wall adapter).
3. **Select Mode:** Use the switch on the keyboard to select your desired connection mode (Bluetooth, 2.4G, or Wired).
4. **Connect:**
 - **Wired:** Plug the USB-C cable into the keyboard and your computer.
 - **2.4G Wireless:** Locate the 2.4G receiver (usually in a dedicated slot on the keyboard), plug it into a USB port on your computer. The keyboard should connect automatically.
 - **Bluetooth:** Put the keyboard into Bluetooth pairing mode (refer to the specific key combination in the included user manual for your model). On your device, search for Bluetooth devices and select "KEMOVE K87" to pair.
5. **Install Software (Optional):** For advanced customization of RGB lighting and key functions, download and install the official

KEMOVE driver software from the manufacturer's website.

OPERATING INSTRUCTIONS

1. RGB Lighting Customization

The KEMOVE K87 features immersive RGB lighting with 16.8 million colors and various effects, including a side neon light strip that can sync with music rhythm.

- **Onboard Controls:** Use specific key combinations (often Fn + a designated key) to cycle through lighting modes, adjust brightness, change speed, and select colors. Refer to the included quick guide or full user manual for exact key mappings.
- **Software Customization:** The KEMOVE driver software allows for granular control over RGB effects, per-key lighting, and creating custom lighting profiles.



Figure 5: The KEMOVE K87 showcasing its customizable RGB lighting, including a vibrant side neon light strip that can synchronize with music.



Figure 6: The KEMOVE K87's onboard memory and software interface, allowing users to customize keyboard settings, including RGB lighting and key functions, and save multiple profiles.

2. Key Customization and Programming

The keyboard is programmable, allowing you to remap keys, create macros, and assign custom functions using the KEMOVE driver software.

- **Macro Recording:** Record complex sequences of keystrokes and assign them to a single key for quick execution.
- **Key Remapping:** Change the function of any key to suit your workflow or gaming style.
- **Profile Management:** Save different configurations as profiles and switch between them for various applications or games.



Figure 7: The user interface of the KEMOVE driver software, demonstrating options for music visualization, key remapping, and light effect customization.

3. Battery Management

The KEMOVE K87 is equipped with a long-lasting 4000mAh battery.

- **Battery Life:** Up to 45 days with RGB lighting off, or 15 days with RGB lighting on.
- **Charging:** Connect the keyboard via the USB-C cable to charge. The NTC temperature control ensures safe operation during charging.
- **Battery Replacement:** The detachable cover allows for easy battery replacement if needed.

HIGH-CAPACITY BATTERY



15 days of use with RGB back-light turned off



45 days of use with RGB backlight on



Figure 8: Detailed view of the KEMOVE K87's 4000mAh high-capacity battery, highlighting its long usage times and 3-pin connector for easy replacement.

MAINTENANCE

1. Keycap Care

The KEMOVE K87 features premium double-shot PBT keycaps, known for their durability and resistance to wear.

- **Cleaning:** Use a soft, damp cloth to wipe down keycaps. For deeper cleaning, remove keycaps using the provided puller and wash with mild soap and water. Ensure they are completely dry before reattaching.
- **Removal/Installation:** Use the 2-in-1 switch & keycap puller to carefully remove and install keycaps to avoid damage.

HOT-SWAPPABLE PCB



Figure 9: Demonstrates the hot-swappable PCB feature of the KEMOVE K87, allowing for easy removal and replacement of switches and keycaps. Also highlights the double-shot PBT keycaps.

2. Switch Care (Hot-Swappable)

The PCB supports hot-swappable 3-pin or 5-pin switches, allowing for easy customization and maintenance of your typing experience.

- **Switch Removal:** Use the switch puller tool to gently remove switches. Ensure the switch is pulled straight up to avoid bending pins.
- **Switch Installation:** Align the pins of the new switch with the holes on the PCB and press down gently until it clicks into place. Do not force the switch if it doesn't go in easily; check pin alignment.
- **Lubrication:** Switches come pre-lubricated. If desired, advanced users can re-lubricate switches for a smoother feel, but this requires careful disassembly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding (Wired)	Loose cable connection, faulty USB port, driver issue.	Check USB-C cable connection. Try a different USB port. Reinstall keyboard drivers.
Keyboard not responding (Wireless 2.4G)	Receiver not plugged in, low battery, interference.	Ensure 2.4G receiver is securely plugged in. Charge the keyboard. Move closer to the receiver or reduce interference sources.
Keyboard not responding (Bluetooth)	Not paired, out of range, low battery, Bluetooth interference.	Ensure keyboard is in Bluetooth mode and pairing mode. Re-pair the device. Charge the keyboard. Reduce interference.
RGB lighting not working/customizing	Software issue, incorrect key combination.	Ensure KEMOVE software is running and updated. Refer to manual for correct RGB key combinations.
Keys not registering or double-typing	Faulty switch, debris under keycap.	Remove keycap and check for debris. If hot-swappable, try replacing the switch.

SPECIFICATIONS

- **Model:** K87
- **Layout:** 87-Key TKL
- **Connectivity:** Bluetooth 5.0, 2.4G Wireless, USB-C Wired
- **Polling Rate:** 1000Hz (2.4G & Wired), 125Hz (Bluetooth)
- **Switches:** Gateron x KEMOVE Linear Red Switch (Hot-swappable 3-pin/5-pin)
- **Keycaps:** Double-Shot PBT (80% PBT material)
- **Battery:** 4000mAh Lithium Polymer (with NTC Temperature Control Protection)
- **Backlighting:** RGB (16.8 million colors, various effects, side neon light strip)
- **Compatibility:** Windows, Mac, Linux, Gaming Consoles (PC, Laptop, Tablet, Phone, Switch, Xbox, PlayStation)
- **Product Dimensions:** 14.37 x 5.47 x 1.43 inches
- **Item Weight:** 3.74 pounds

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official KEMOVE website. For technical support or further assistance, please contact KEMOVE customer service.

You can also refer to the official user manual PDF for more in-depth information:[KEMOVE K87 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