

Montech MK75DB

MONTECH MKey PRO 75% TKL Wireless Mechanical Gaming Keyboard User Manual

Model: MK75DB

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MONTECH MKey PRO 75% TKL Wireless Mechanical Gaming Keyboard. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your user experience.

The MKey PRO is a versatile 75% TKL mechanical keyboard featuring tri-mode connectivity (Bluetooth 5.2, 2.4GHz wireless, and USB-C wired), hot-swappable Gateron G Pro 3.0 switches, and support for VIA/QMK software for extensive customization. Its gasket-mounted design and PBT keycaps contribute to a comfortable and durable typing experience.

PRODUCT OVERVIEW

The MONTECH MKey PRO keyboard offers several key features designed for performance and user comfort:

- **Enhanced Wireless Freedom:** Seamlessly switch between Bluetooth 5.2, Wireless 2.4GHz, and USB-C for ultimate connectivity.
- **Premium Comfort & Durability:** Gasket-mounted design with PBT keycaps for smooth, ergonomic typing and long-lasting quality.
- **Multi-Functional Control Knob:** Adjust volume, zoom, or ARGB lighting with ease.
- **Smooth & Responsive Switches:** Pre-lubed Gateron G Pro 3.0 switches provide consistent performance.
- **Hot-Swappable Customization:** Easily switch between 3-pin and 5-pin mechanical switch options.

SETUP

1. Connectivity Options

The MKey PRO supports three modes of connection: 2.4GHz wireless, Bluetooth 5.2, and USB-C wired.



Figure 1: Tri-Mode Connectivity. This image illustrates the three available connection methods: 2.4GHz wireless, USB-C wired, and Bluetooth 5.2. A physical switch on the keyboard's side allows selection between these modes.

1. **2.4GHz Wireless:** Insert the 2.4GHz USB dongle into an available USB port on your computer. Switch the keyboard's mode selector to 2.4G. The keyboard should connect automatically.
2. **Bluetooth 5.2:** Switch the keyboard's mode selector to BT. On your device, search for Bluetooth devices and select "MONTECH MKey PRO" to pair.
3. **USB-C Wired:** Connect the provided USB-C cable from the keyboard to your computer. Switch the keyboard's mode selector to USB.

2. Dongle Storage

The 2.4GHz wireless dongle can be conveniently stored within the keyboard itself, under a magnetic cover, when not in use.



Figure 2: Convenient Dongle Storage. The magnetic cover keeps your wireless dongle safely stored and always ready when needed.

3. Physical Design Features

The MKey PRO's internal design and components are engineered for enhanced typing comfort and durability.



Figure 3: Gasket Design and Internal Components. This diagram shows the internal structure of the MKey PRO, highlighting the gasket-mounted design with Poron padding for enhanced comfort and sound.

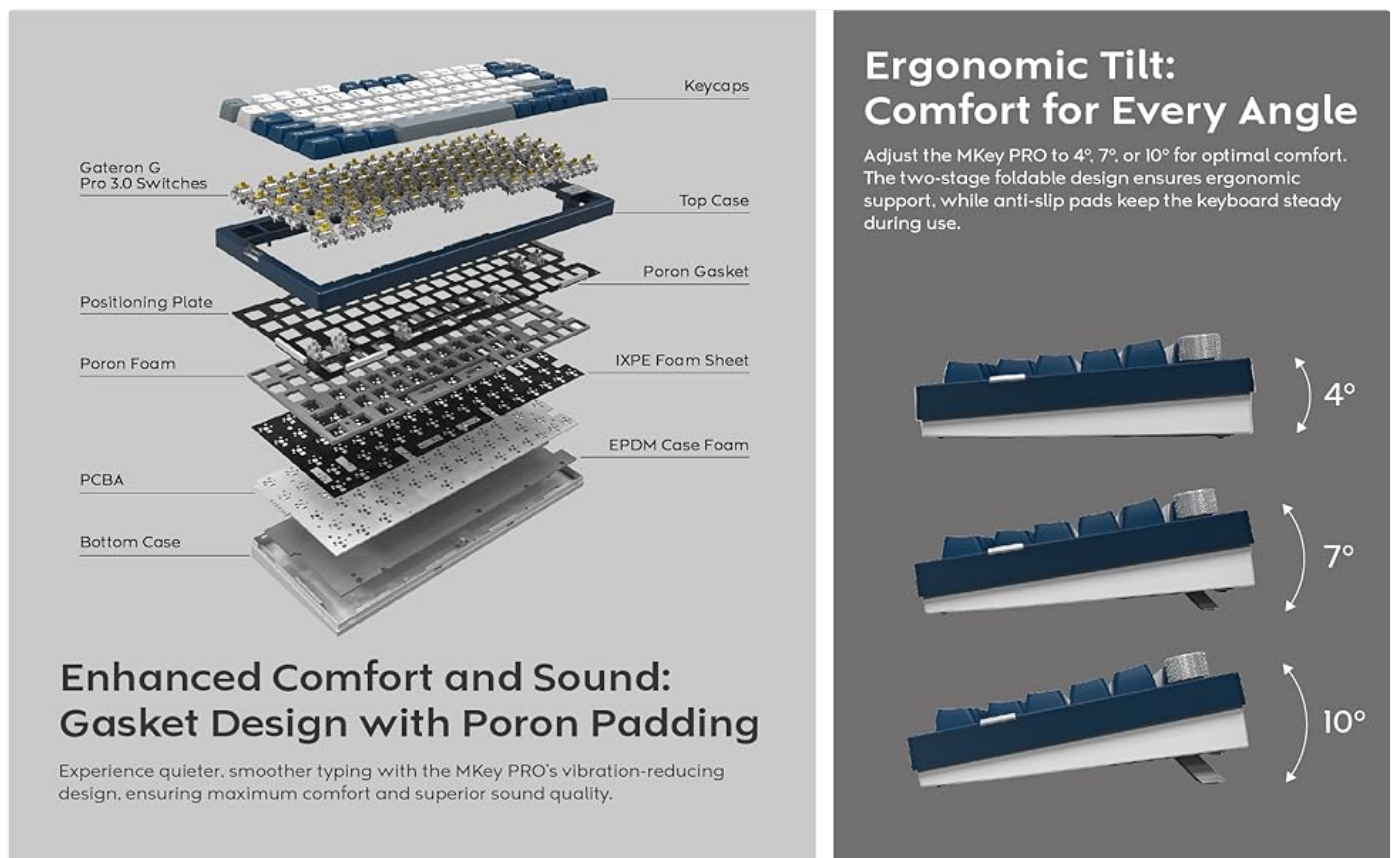


Figure 4: Hot-Swappable Switches. Pre-lubed Gateron G Pro 3.0 switches offer smooth actuation and stable keystrokes, and can be easily swapped.

4. Ergonomic Adjustment

The MKey PRO features two-stage foldable feet, allowing you to adjust the keyboard's tilt to 4°, 7°, or 10° for optimal typing comfort. Non-slip pads ensure stability during use.

OPERATING INSTRUCTIONS

1. Multi-Functional Control Knob

The MKey PRO features a versatile control knob located on the top right of the keyboard. This knob can be used to adjust various settings, indicated by a color-coded lighting ring.

- **Blue/White Comet:** Volume Control
- **Colorful ARGB:** Lighting Mode (Same as Fn+F1)
- **Red/White Comet:** Zoom Mode

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Video 1: Multi-Functional Knob Demonstration. This short video demonstrates the functionality of the control knob, showing how it can be used to adjust volume, lighting, and zoom settings.

2. Customization with VIA & QMK Software

The MKey PRO supports VIA and QMK software, allowing for extensive customization of key assignments, macros, and lighting effects.

- **VIA Software:** Download the VIA software from the official MONTECH website. Connect your keyboard via USB-C. The software will automatically detect your keyboard, allowing you to remap keys, create layers, and configure lighting.

- **QMK Firmware:** For advanced users, QMK firmware provides open-source control for deep customization. Refer to the QMK documentation for instructions on compiling and flashing custom firmware.



Figure 5: VIA & QMK Software Support. This image highlights the compatibility with VIA and QMK software for personalized keyboard settings.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your MONTECH MKey PRO keyboard.

- **Cleaning Keycaps:** Use a soft brush or compressed air to remove dust and debris from between keycaps. For deeper cleaning, keycaps can be removed using a keycap puller and washed with mild soap and water. Ensure they are completely dry before reattaching.
- **Cleaning the Case:** Wipe the keyboard case with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Switch Maintenance:** As the switches are hot-swappable, you can easily remove and replace them if needed. Avoid spilling liquids directly onto the switches.
- **Battery Care:** For wireless modes, ensure the keyboard is charged regularly. If storing for an extended period, charge the battery to about 50% and store in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your MKey PRO keyboard, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Keyboard not responding (Wired)	Loose USB-C cable, incorrect mode selected.	Ensure USB-C cable is securely connected. Set keyboard mode switch to USB. Try a different USB port or cable.

Problem	Possible Cause	Solution
Keyboard not responding (Wireless 2.4GHz)	Dongle not inserted, low battery, incorrect mode selected.	Insert 2.4GHz dongle into a USB port. Charge the keyboard. Set keyboard mode switch to 2.4G.
Keyboard not responding (Bluetooth)	Not paired, low battery, incorrect mode selected.	Ensure keyboard is in Bluetooth pairing mode. Re-pair the keyboard with your device. Charge the keyboard. Set keyboard mode switch to BT.
Keys not registering or double-typing	Dust/debris under keycap, faulty switch.	Remove keycap and clean the switch area with compressed air. If issue persists, consider replacing the switch (due to hot-swappable design).
RGB lighting not working	Lighting turned off, software conflict.	Check keyboard lighting controls (e.g., Fn+F1 or knob). Ensure VIA software is not overriding settings.

If these steps do not resolve your issue, please contact MONTECH customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	Montech
Model Number	MK75DB
Connectivity Technology	Bluetooth 5.2, USB-C, Wireless 2.4Ghz
Keyboard Description	Mechanical
Switches	Gateron G Pro 3.0 (Pre-lubed, Hot-Swappable)
Keycap Material	PBT
Backlighting	RGB
Compatible Devices	Laptop, PC, Smartphone, Tablet
Product Dimensions (LxWxH)	12.7 x 5.4 x 1.7 inches
Item Weight	3.3 pounds
Power Source	Battery Powered

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official MONTECH website or contact their customer service department directly. Keep your proof of purchase for warranty claims.

Online Resources: Visit the [Montech Store on Amazon](#) for product updates and additional information.



