

Montech MK87FY

Montech MKey TKL Mechanical Gaming Keyboard (MK87FY) User Manual

Your guide to setting up, operating, and maintaining your Montech MKey TKL keyboard.

INTRODUCTION

Welcome to the Montech MKey TKL Mechanical Gaming Keyboard user manual. This document provides essential information to help you get the most out of your new keyboard, including setup instructions, operational guidance, and maintenance tips. The Montech MKey TKL (MK87FY) is designed for an enhanced typing and gaming experience, featuring customizable RGB lighting, premium MDA profile PBT keycaps, and hot-swappable Gateron G Yellow Pro 2.0 pre-lubed switches.



The Montech MKey TKL Mechanical Gaming Keyboard, featuring the Freedom theme with yellow switches. This image provides a complete view of the keyboard's design and layout.

SETUP

1. Connecting the Keyboard

1. Locate the included USB cable.
2. Connect one end of the USB cable to the USB port on the back of your Montech MKey TKL keyboard.
3. Connect the other end of the USB cable to an available USB port on your computer.
4. The keyboard will automatically be recognized by your operating system (Windows 10 or later recommended).

2. Initial Power-On and RGB Lighting

Upon connection, the keyboard's RGB lighting will illuminate. You can customize these lighting effects directly on the keyboard or through the dedicated Montech software.



A Powerhouse of Features for Enhanced Productivity

This image displays the Montech MKey TKL Mechanical Gaming Keyboard, showcasing its compact tenkeyless layout and customizable RGB lighting. The keyboard features a dark base with light-colored keycaps, highlighting the illuminated keys.

3. Software Installation (Optional)

For advanced customization of RGB lighting, key remapping, and macro creation, download the official Montech MKey software from the Montech website. Follow the on-screen instructions for installation.

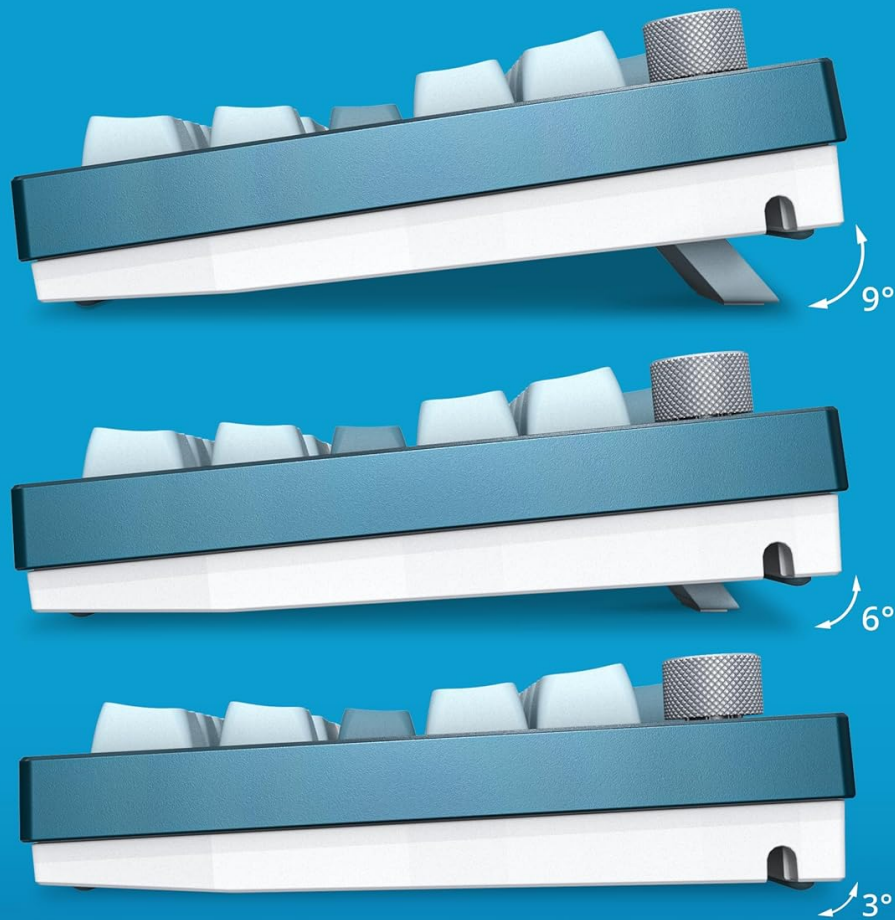
OPERATING THE KEYBOARD

1. Basic Key Functions

The Montech MKey TKL keyboard features a standard tenkeyless layout. All keys function as labeled. For specific multimedia or function key combinations, refer to the keyboard's keycap legends or the software manual.

2. RGB Lighting Customization

The keyboard offers dynamic RGB lighting. You can cycle through various lighting modes and adjust brightness directly on the keyboard using specific key combinations (often involving the 'Fn' key) or the rotary knob. For detailed control over individual key lighting and advanced effects, use the Montech software.



Ergonomic Design with Adjustable Tilt Angles for Optimal Comfort

A detailed view of the Montech MKey TKL keyboard's keys, illustrating the bright and customizable RGB backlighting effects. The light emanates from beneath the keycaps, providing clear illumination.

3. Rotary Knob Functionality

The multi-functional rotary knob located on the top right of the keyboard provides quick access to various controls. Typically, it can be used to adjust volume, zoom, or cycle through RGB lighting modes. Pressing the knob often switches between these functions, while rotating it adjusts the selected setting.

4. Hot-Swappable Switches

The Montech MKey TKL features Kailh's hot-swap sockets, allowing you to change mechanical switches without soldering. This enables customization of typing feel and sound. The keyboard comes equipped with Gateron G Yellow Pro 2.0 pre-lubed switches.



This image shows a keycap being lifted from the keyboard, exposing the Gateron G Yellow Pro 2.0 mechanical switch underneath. This demonstrates the hot-swappable feature, allowing users to easily change switches.

5. Product Overview Video

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This video provides an overview of the Montech MKey TKL Mechanical Gaming Keyboard, highlighting its design, RGB lighting effects, and key features. It demonstrates the keyboard's aesthetic and functionality.

MAINTENANCE

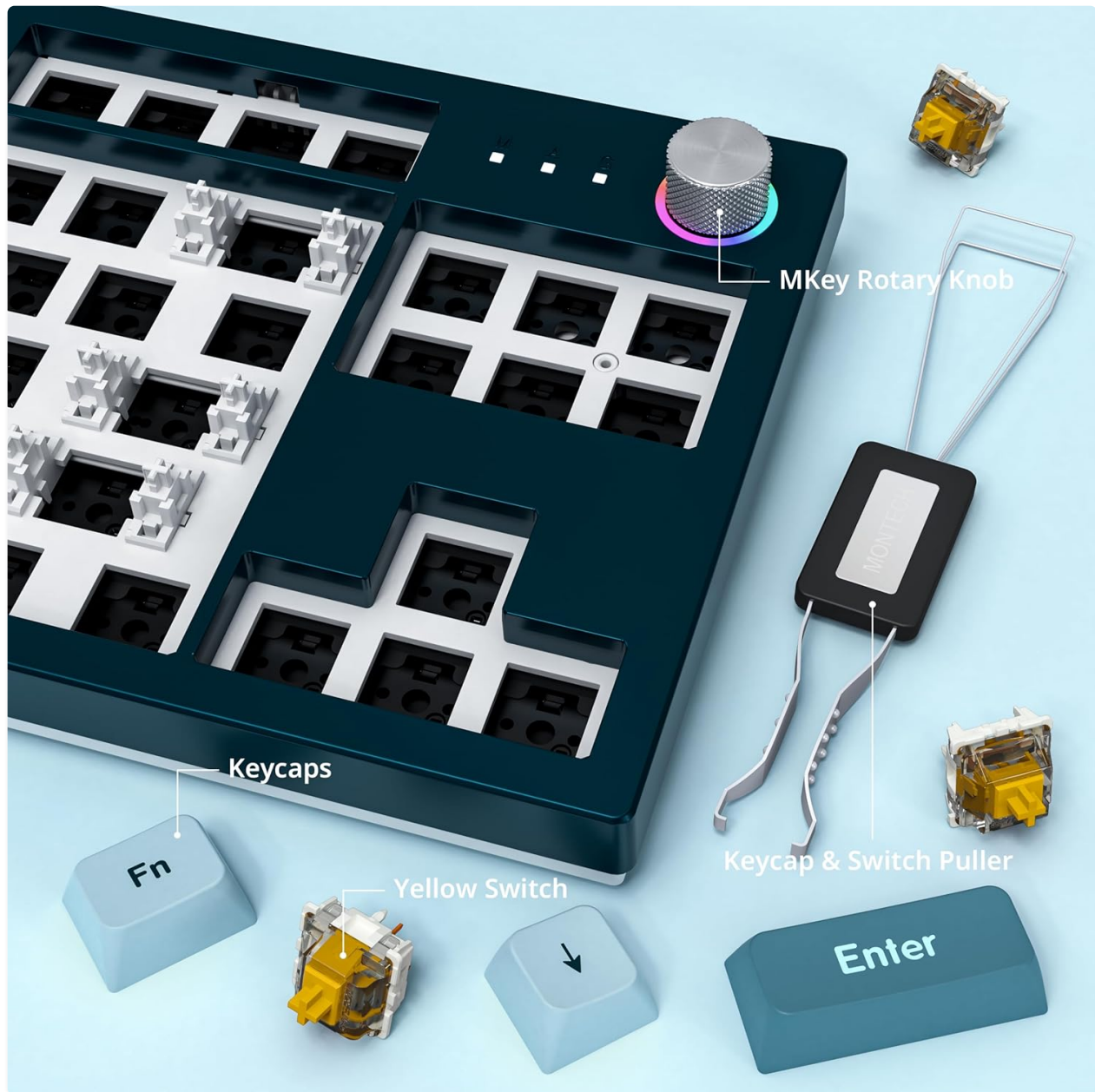
1. Cleaning the Keyboard

To clean your keyboard, disconnect it from your computer. Use a soft, dry cloth to wipe down the keycaps and chassis. For deeper cleaning, you may carefully remove keycaps using the provided keycap puller and clean underneath with compressed air or a small brush. Avoid using harsh chemicals or abrasive materials.

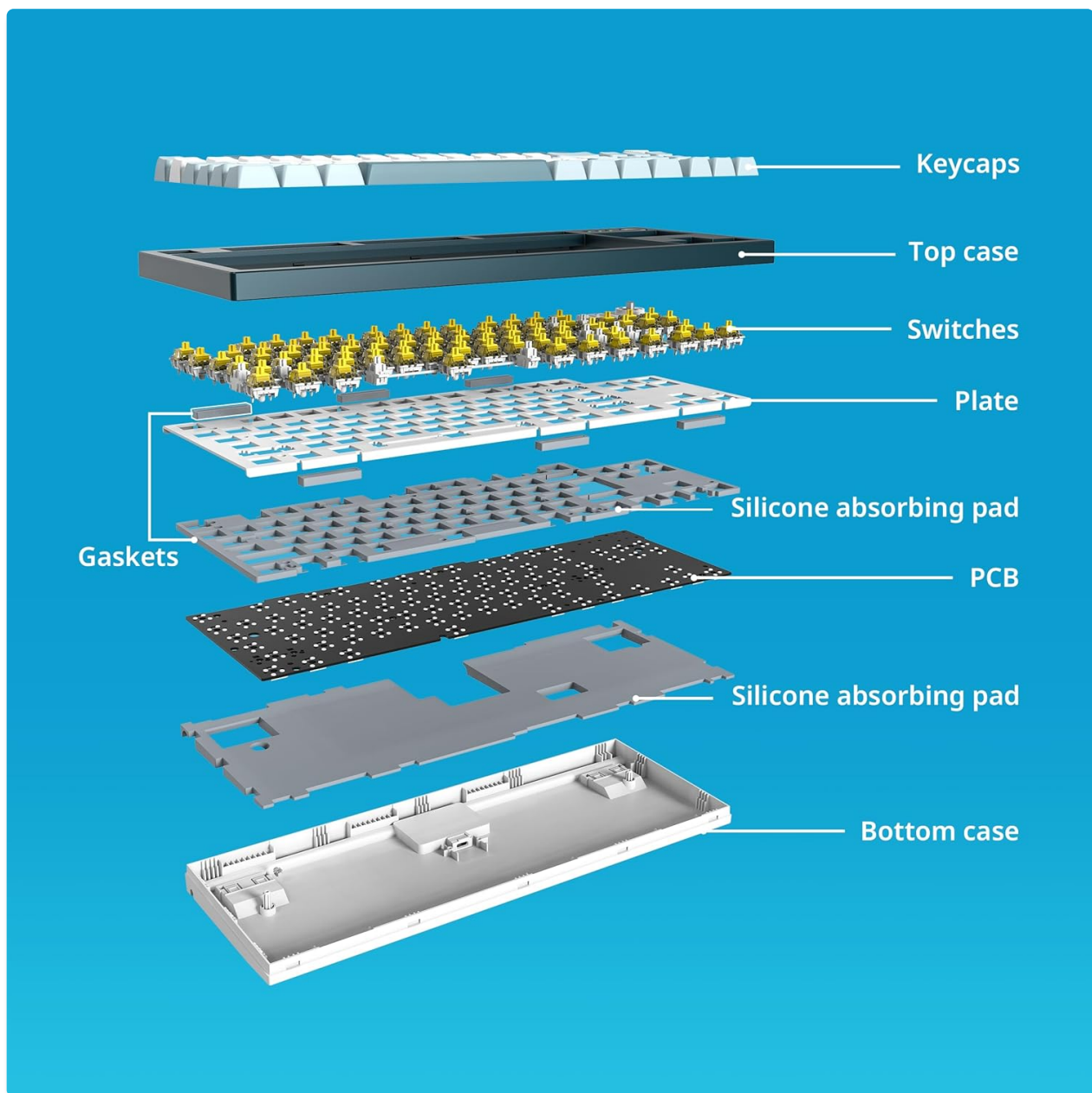
2. Keycap and Switch Replacement

The Montech MKey TKL comes with a keycap and switch puller tool. To replace a keycap, gently pull it

upwards with the keycap puller. To replace a switch, first remove the keycap, then use the switch puller to carefully grip and pull the switch upwards. When inserting a new switch, align the pins correctly with the hot-swap socket and press down gently until it clicks into place. Ensure the pins are not bent.



The image features the included keycap and switch puller tool, alongside several loose keycaps and Gateron G Yellow Pro 2.0 switches. This illustrates the tools provided for customizing or maintaining the keyboard's switches and keycaps.



An exploded diagram of the Montech MKey TKL keyboard, detailing its internal structure. Components such as keycaps, top case, switches, plate, gaskets, silicone absorbing pads, PCB, and bottom case are shown separated, highlighting the keyboard's layered design for optimal acoustics and feel.

TROUBLESHOOTING

- **Keyboard Not Responding:** Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **RGB Lights Not Working:** Check if the RGB lighting is enabled via the keyboard's function keys or software. If only specific keys are not lighting up, ensure the switches are properly seated.
- **Keys Not Registering:** If individual keys are not working, try reseating the switch for that key. If the issue persists, consider replacing the switch.
- **Software Issues:** Ensure you have the latest version of the Montech MKey software installed. Restart your computer and the software.

If you encounter persistent issues, please refer to the Montech support website or contact customer service for further assistance.

SPECIFICATIONS

- **Brand:** Montech
- **Model:** MK87FY
- **Type:** TKL Mechanical Gaming Keyboard
- **Switches:** Gateron G Yellow Pro 2.0 (Hot-Swappable)
- **Keycaps:** MDA Profile PBT Keycaps, 5-Sided Dye-Sublimation
- **Backlighting:** Customizable RGB LED
- **Connectivity:** USB (Wired)
- **Operating System:** Windows 10 (and compatible with other PC platforms)
- **Dimensions:** 14.29 x 5.35 x 1.61 inches
- **Weight:** 3.76 pounds
- **Special Features:** Hot-Swappable, Two Silicone Acoustic Absorb Pads, Rotary Knob

WARRANTY AND SUPPORT

Your Montech MKey TKL Mechanical Gaming Keyboard is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Montech website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or any product-related inquiries, please visit the Montech support page on their official website or contact their customer service team directly.