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TMKB Technology Mechanical KeyBoard Falcon M1SE, T68SE

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1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your TMKB Falcon M1SE Gaming Mouse and T68SE 60% Mechanical Gaming Keyboard. Please read this manual thoroughly before use to ensure optimal performance and longevity of your devices.

2. PRODUCT OVERVIEW

2.1 T68SE 60% Mechanical Gaming Keyboard

The T68SE keyboard features a compact 68-key layout, designed for efficiency and portability. It includes independent arrow keys and commonly used control keys, making it suitable for both gaming and office tasks. The keyboard utilizes blue-axis mechanical switches for tactile feedback and an audible click.

Blue Mechanical Switch

50 Million keystroke life, Fast response & No lag

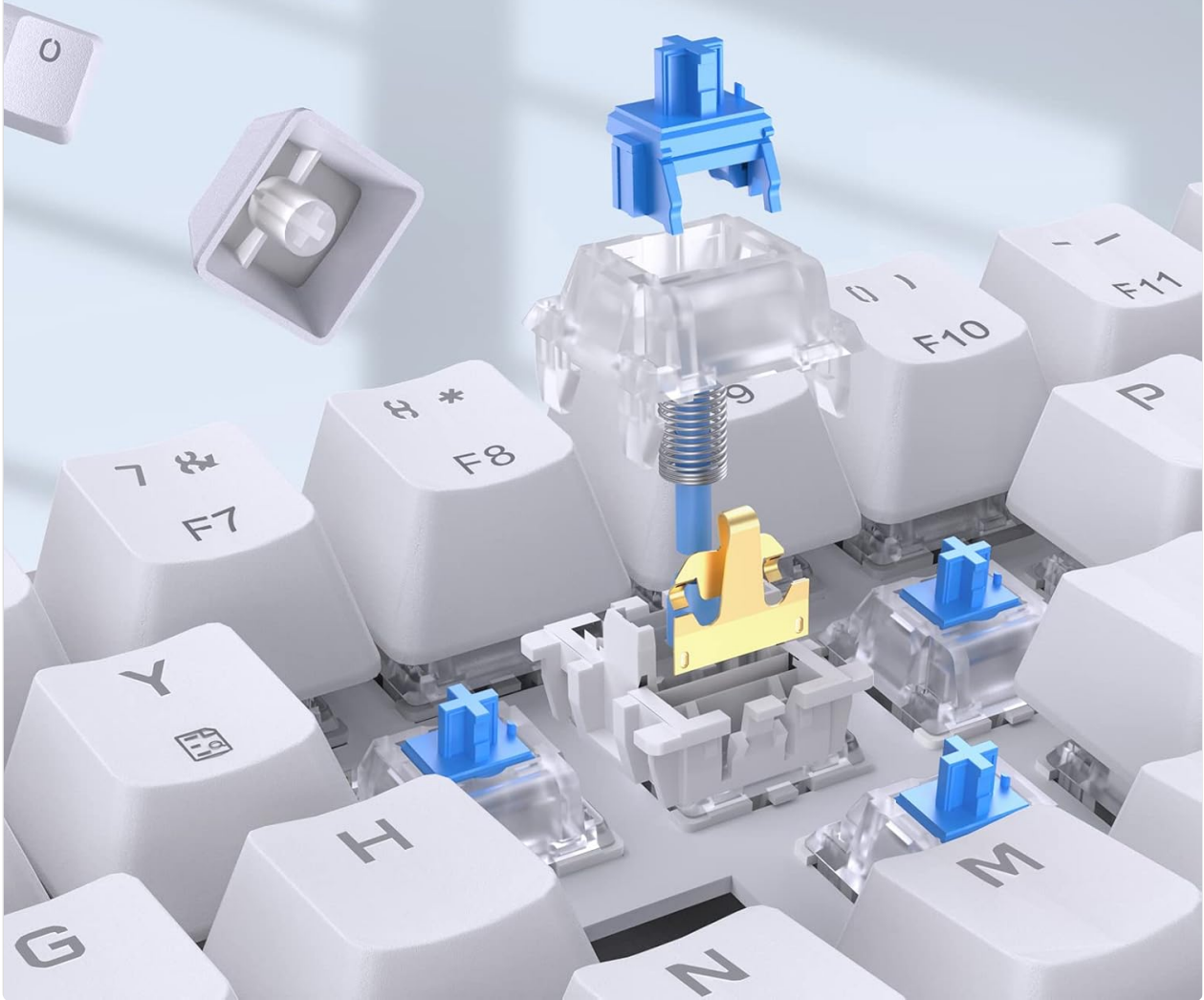


Figure 2: Detail of the Blue Mechanical Switch, offering a 50 million keystroke life and fast response.

Full Anti-Ghosting

Support all keys to input at the same time, without conflicting with each other, making your operation faster.



Figure 3: Full Anti-Ghosting feature, allowing simultaneous input of all keys without conflict.

2.2 Falcon M1SE Gaming Mouse

The Falcon M1SE is a lightweight honeycomb gaming mouse designed for precision and comfort. It features a high-precision optical sensor with adjustable DPI and a customizable RGB light strip.

Customizable RGB Rainbow Light Strip

RGB lighting effects can be set to move with the music

16.8
million



Figure 4: High-Speed Precision Optical Sensor of the Falcon M1SE mouse, with adjustable DPI range from 200-12800 and a polling rate of 125-1000Hz.



Figure 5: The Falcon M1SE mouse is designed for various grip styles, suitable for medium to large-sized hands.

3. SETUP INSTRUCTIONS

3.1 Connecting the Keyboard and Mouse

Both the T68SE keyboard and Falcon M1SE mouse connect via USB. They are plug-and-play devices, requiring no additional driver installation for basic functionality.

1. Locate an available USB port on your computer.
2. Plug the USB connector of the T68SE keyboard into the USB port.
3. Plug the USB connector of the Falcon M1SE mouse into another available USB port.
4. Your operating system should automatically detect and install the necessary drivers.

4. OPERATING INSTRUCTIONS

4.1 Keyboard Functions

The T68SE keyboard offers various customizable features, particularly for its LED backlighting.

- **Backlight Modes:** The keyboard has 19 built-in backlight modes. To switch between modes, press **Fn + |**.
- **Backlight Brightness:** To adjust the brightness of the backlight, press **Fn + ↑** (increase) or **Fn + ↓** (decrease).
- **Backlight Speed:** To adjust the speed of dynamic backlight effects, press **Fn + ←** (decrease speed) or **Fn + →** (increase speed).
- **Full-Key Rollover:** The keyboard supports full-key rollover, meaning all keys can be registered simultaneously without conflict.



Figure 6: Keyboard demonstrating 19 LED Backlight Effects and key combinations for adjustment.

4.2 Mouse Functions

The Falcon M1SE mouse is equipped with a high-precision sensor and programmable buttons for enhanced control.

- **DPI Adjustment:** The mouse features a DPI adjustment key, allowing you to cycle through 6 adjustable DPI levels ranging from 200 to 12800 DPI. The default DPI is 1200.

- **Polling Rate:** The polling rate is adjustable from 125-1000Hz, providing responsive cursor movement.
- **Programmable Buttons:** The mouse has 6 programmable buttons. Customization options include 4 configuration editing layers, quick firing, macro recording, and shortcut key operations. Refer to the mouse-driven custom buttons software for detailed programming.
- **RGB Lighting:** The mouse features a customizable RGB rainbow light strip with 14 modes of light effects. These effects can be set to move with music or other patterns.



Figure 7: Customizable RGB Rainbow Light Strip on the Falcon M1SE mouse, offering 14 lighting effects.

5. MAINTENANCE

To ensure the longevity and performance of your keyboard and mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surfaces of the keyboard and mouse. For deeper cleaning, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the internal components.
- **Avoid Liquids:** Do not expose the devices to excessive moisture or liquids.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.

- **Cable Care:** Avoid bending or twisting the USB cables excessively to prevent damage.

6. TROUBLESHOOTING

If you encounter any issues with your TMKB keyboard and mouse, refer to the following common troubleshooting steps:

- **Device Not Responding:**
 - Ensure the USB cables are securely plugged into your computer's USB ports.
 - Try plugging the devices into different USB ports.
 - Restart your computer.
- **Backlight Not Working:**
 - Check if the backlight is turned off (refer to Section 4.1 for brightness adjustment).
 - Ensure the keyboard is properly connected.
- **Mouse Cursor Jumps or is Unresponsive:**
 - Clean the optical sensor on the underside of the mouse.
 - Ensure the mouse is used on a clean, non-reflective surface.
 - Adjust the DPI settings (refer to Section 4.2).

If problems persist, please contact customer support.

7. SPECIFICATIONS

Feature	Description
Keyboard Layout	60% (68-key)
Keyboard Switches	Blue-axis Mechanical
Keyboard Backlight	19 LED Backlight Modes
Keyboard Features	Full-key rollover, Customizable shortcut keys
Mouse Sensor	High-precision Optical
Mouse DPI Range	200-12800 DPI (6 adjustable levels)
Mouse Polling Rate	125-1000Hz
Mouse Buttons	6 Programmable Buttons
Mouse Lighting	Customizable RGB Rainbow Light Strip (14 modes)
Connectivity	USB Wired
Compatibility	Windows 11/10/8/7/XP, Mac OS, Vista, Linux (input/office support only)

8. WARRANTY AND SUPPORT

TMKB products come with a one-year warranty. If you encounter any problems or require assistance, please

do not hesitate to contact our customer service team. We are committed to providing a satisfactory response within 24 hours.

For further support, please visit the [TMKB Technology Mechanical KeyBoard Store](#).