

## MCHOSE X75 V2, M7 Ultra

# MCHOSE X75 V2 Wireless Mechanical Keyboard and M7 Ultra Wireless Gaming Mouse User Manual

Model: X75 V2 Keyboard, M7 Ultra Mouse

## 1. INTRODUCTION

This manual provides detailed instructions for the MCHOSE X75 V2 Wireless Mechanical Keyboard and M7 Ultra Wireless Gaming Mouse. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your devices. Please read this manual thoroughly before using the products.



Image 1.1: MCHOSE X75 V2 Wireless Mechanical Keyboard (pink) and M7 Ultra Wireless Gaming Mouse (white) bundle.

## 2. PRODUCT OVERVIEW

### 2.1 MCHOSE X75 V2 Wireless Mechanical Keyboard

The MCHOSE X75 V2 is a 75% layout mechanical keyboard designed for both gaming and productivity. It features tri-mode connectivity, hot-swappable switches, and an ergonomic design.

# MCHOSE X75 V2 MECHANICAL KEYBOARDS



Image 2.1: Overview of MCHOSE X75 V2 Mechanical Keyboard features, including 75% layout, full RGB backlit, 3 modes, 8000mAh battery, hot-swappable switches, 5-layer gasket, ergonomic design, MCHOSE HUB compatibility, and a multi-media knob.

## Key Features:

- **75% Compact Layout:** 82 keys, saving desktop space while retaining essential keys.
- **Tri-Mode Connectivity:** Bluetooth 5.0, 2.4GHz wireless, and USB wired connection.
- **Hot-Swappable PCBA:** Allows for easy switch replacement without soldering.
- **8000mAh Battery:** High-capacity battery for extended wireless use.
- **Embedded Multimedia Knob:** For convenient media control.
- **Ergonomic Design:** Optimized typing angle for comfort.

# Ergonomic Design

One Button to Switch Mode



Image 2.2: Detailed view of the MCHOSE X75 V2 Keyboard's ergonomic design, highlighting Type-C ports, embedded multimedia knob, USB receiver container, two-stage adjustable tilt legs, and 360-degree immersive lighting.

# HOT SWAPPABLE PCBA

Customize your typing experience

## Hyacinth Switch

Type: Linear

Operating force:

45±5gf

Pre Travel:

1.9±0.3mm

Total Travel:

3.5±0.3mm



Pre-lubed Linear Switches



Hot-Swappable



Matching 3/5pin Switches  
South-facing LED



Image 2.3: Illustration of the MCHOSE X75 V2 Keyboard's hot-swappable PCBA, showing Hyacinth Linear Switches and compatibility with 3/5-pin switches and south-facing LEDs.

## 2.2 MCHOSE M7 Ultra Wireless Gaming Mouse

The MCHOSE M7 Ultra is a lightweight gaming mouse featuring TOPSPEED wireless technology and an 8K polling rate for precise and responsive control.





Image 2.4: Overview of MCHOSE M7 Ultra Gaming Mouse features, including 8K Hz Hyperpolling, Realtek Premium Processor, 55g ultra-lightweight design, PAW 3950 Sensor, MCHOSE Pro Optical Switches, 500mAh battery, ergonomic design, tri-mode connectivity, and MCHOSE CUSTOM DRIVER compatibility.

#### Key Features:

- **TOPSPEED Wireless Technology:** Ensures low latency wireless transmission.
- **Dual 8K Polling Rate:** Wired 1K and wireless 8K polling for ultra-low latency (0.125ms).
- **55g Ultra Lightweight:** Ergonomic design for comfortable extended use.
- **PAW 3950 Sensor:** High-precision optical sensor.
- **MCHOSE Pro Optical Switches:** Durable and responsive switches.
- **500mAh Battery:** Provides reliable power for gaming sessions.

# FULLY PROGRAMMABLE



**6 BUTTONS**

Image 2.5: Diagram illustrating the MCHOSE M7 Ultra Mouse's six programmable buttons: Left, Right, Middle, Mode Switch, Forward, Back, along with the Indicator Light, DPI Switch, and USB Dongle storage location.

# MCHOSE M7 Ultra

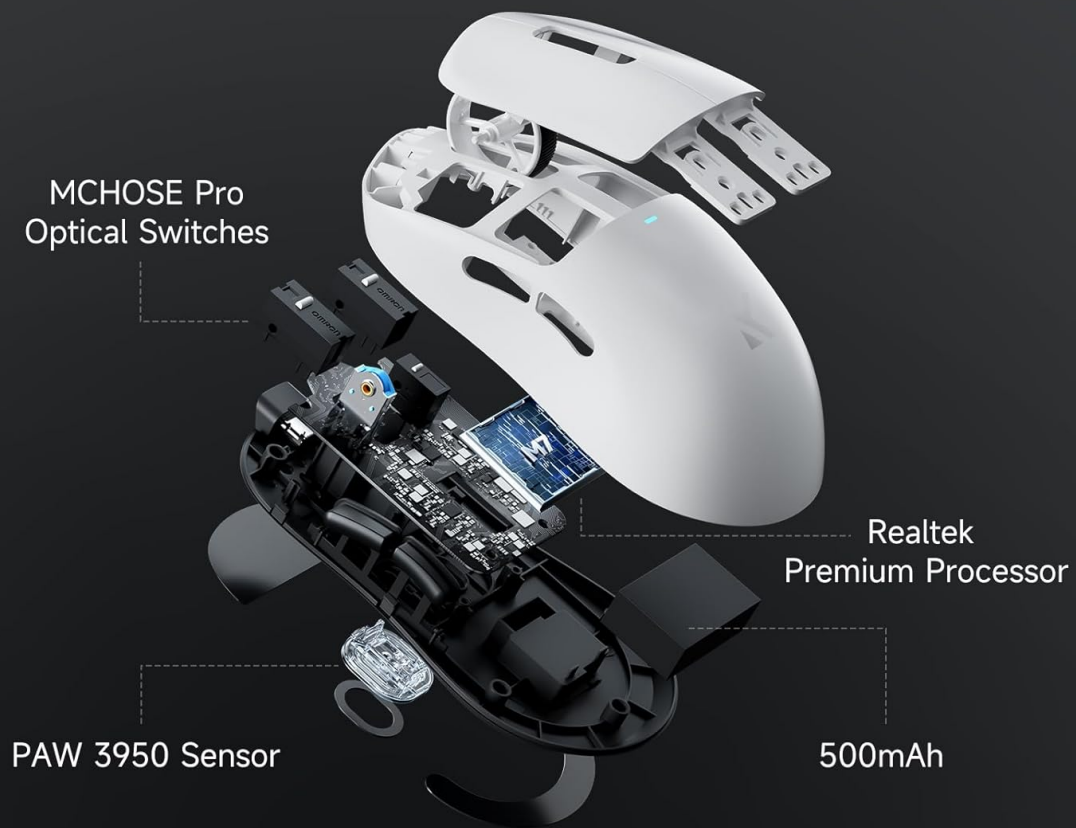


Image 2.6: Exploded view of the MCHOSE M7 Ultra Mouse, showing internal components such as MCHOSE Pro Optical Switches, Realtek Premium Processor, PAW 3950 Sensor, and 500mAh battery.



# MCHOSE 8K HZ HYPERPOLLING RATE

Ultra-low-latency Response



**TOPSPEED WIRELESS TECHNOLOGY**

\*M7 Ultra come with NANO Wireless 8K Receiver

Image 2.7: MCHOSE M7 Ultra Mouse highlighting its 8K Hz Hyperpolling Rate and TOPSPEED Wireless Technology, with the NANO Wireless 8K Receiver shown.

### 3. SETUP INSTRUCTIONS

Before first use, ensure both the keyboard and mouse are fully charged.



Image 3.1: Illustration of the tri-mode connection options (BT 5.0, Wireless 2.4G, Type-C) and wide compatibility with various devices including phones, tablets, Switch, Xbox, and PS5.

### 3.1 MCHOSE X75 V2 Keyboard Setup

1. **Charging:** Connect the keyboard to a USB power source using the provided Type-C cable. The indicator light will show charging status.
2. **Mode Selection:** Use the switch on the keyboard to select your desired connection mode:
  - **USB Wired:** Connect the Type-C cable directly to your computer.
  - **2.4GHz Wireless:** Insert the 2.4GHz USB receiver (located in the keyboard's storage compartment) into your computer's USB port. Switch the keyboard to 2.4G mode.
  - **Bluetooth:** Switch the keyboard to BT mode. Press and hold **FN + 1/2/3** to enter pairing mode. The indicator light will flash. Select 'MCHOSE X75 V2' from your device's Bluetooth settings.
3. **Initial Use:** Once connected, the keyboard is ready for use.

### 3.2 MCHOSE M7 Ultra Mouse Setup

1. **Charging:** Connect the mouse to a USB power source using the provided Type-C cable. The indicator light will show charging status.
2. **Mode Selection:** Use the switch on the bottom of the mouse to select your desired connection

mode:

- **USB Wired:** Connect the Type-C cable directly to your computer.
  - **2.4GHz Wireless:** Remove the 2.4GHz USB dongle from its storage compartment on the mouse's underside and insert it into your computer's USB port. Switch the mouse to 2.4G mode.
  - **Bluetooth:** Switch the mouse to BT mode. The indicator light will flash. Select 'MCHOSE M7 Ultra' from your device's Bluetooth settings.
3. **DPI Adjustment:** Press the DPI switch button on the bottom of the mouse to cycle through preset DPI levels.
4. **Operating Modes:** The M7 series offers two operating modes: Game-Enhancement Mode and Esports Mode. Refer to the operating instructions for switching between these modes.

## 4. OPERATING INSTRUCTIONS

### 4.1 MCHOSE X75 V2 Keyboard Operation

- **Multimedia Knob:** Rotate to adjust volume. Press to play/pause media. Specific functions may vary based on operating system.
- **Function Keys (FN Combinations):**
  - **FN + F1-F12:** Access various multimedia and system functions. Refer to the keycap legends for specific actions.
  - **FN + Backlight Key:** Cycle through RGB lighting effects.
  - **FN + Arrow Keys:** Adjust backlight brightness and speed.
  - **FN + 1/2/3:** Switch between paired Bluetooth devices.
- **Customization:** Download the MCHOSE HUB software from the official MCHOSE website for advanced key remapping, macro creation, and RGB lighting customization.

### 4.2 MCHOSE M7 Ultra Mouse Operation

- **DPI Switching:** Press the dedicated DPI button on the underside of the mouse to cycle through predefined DPI settings. The indicator light may change color to reflect the current DPI level.
- **Operating Modes:** The M7 Ultra features Game-Enhancement Mode and Esports Mode. The mode switch button (if present, refer to Image 2.5) or specific software settings can be used to toggle between these modes for optimized performance.
- **Programmable Buttons:** The six buttons (Left, Right, Middle, Mode Switch, Forward, Back) can be customized using the MCHOSE CUSTOM DRIVER software.
- **Customization:** Download the MCHOSE CUSTOM DRIVER software from the official MCHOSE website to customize button assignments, DPI levels, polling rate, and other performance settings.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your MCHOSE devices.

- **Cleaning:** Use a soft, dry cloth to wipe the surfaces of the keyboard and mouse. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device. Avoid harsh chemicals or abrasive materials.
- **Keycap Cleaning (Keyboard):** Keycaps can be carefully removed for deeper cleaning. Use a keycap puller to avoid damage. Clean keycaps with water and mild soap, then dry thoroughly before reattaching.

- **Sensor Cleaning (Mouse):** Use a cotton swab lightly dampened with isopropyl alcohol to gently clean the optical sensor on the underside of the mouse.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the devices to about 50% and store them in a cool, dry place.
- **Storage:** Store devices in a clean, dust-free environment when not in use.

## 6. TROUBLESHOOTING

If you encounter issues with your MCHOSE keyboard or mouse, refer to the following common solutions:

### 6.1 Keyboard Troubleshooting

- **Keyboard not responding:**
  - Ensure the keyboard is charged.
  - Check the connection mode switch (USB, 2.4G, BT) and ensure it matches your connection method.
  - For 2.4GHz, ensure the USB receiver is securely plugged in.
  - For Bluetooth, re-pair the device.
  - Try connecting via USB cable to rule out wireless issues.
- **Keys not registering:**
  - Check for physical obstructions under the keycap.
  - If hot-swappable, ensure the switch is properly seated.
  - Update keyboard firmware via MCHOSE HUB software.
- **RGB lighting not working:**
  - Ensure lighting is enabled via FN combinations or MCHOSE HUB software.
  - Check battery level; low battery may disable lighting.

### 6.2 Mouse Troubleshooting

- **Mouse not moving/responding:**
  - Ensure the mouse is charged.
  - Check the connection mode switch (USB, 2.4G, BT) and ensure it matches your connection method.
  - For 2.4GHz, ensure the USB dongle is securely plugged in.
  - For Bluetooth, re-pair the device.
  - Clean the optical sensor.
  - Try connecting via USB cable to rule out wireless issues.
- **Inconsistent tracking:**
  - Clean the optical sensor.
  - Use on a clean, uniform mouse pad.
  - Adjust DPI settings.
- **Buttons not working:**
  - Check button assignments in MCHOSE CUSTOM DRIVER software.

- Ensure no physical obstruction.

## 7. SPECIFICATIONS

### 7.1 MCHOSE X75 V2 Wireless Mechanical Keyboard

Feature	Specification
Layout	75% (82 keys)
Connectivity	Tri-Mode (USB-C, 2.4GHz Wireless, Bluetooth 5.0)
Switches	Hot-Swappable (3/5-pin compatible)
Battery Capacity	8000mAh
Backlight	Full RGB
Polling Rate	Standard (wired/wireless)
Special Features	Multimedia Knob, 5-Layer Gasket Structure, Ergonomic Design

### 7.2 MCHOSE M7 Ultra Wireless Gaming Mouse


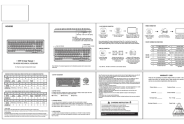


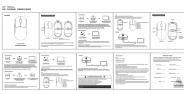
Feature	Specification
Weight	55g (approx.)
Sensor	PAW 3950 Optical Sensor
Switches	MCHOSE Pro Optical Switches
Connectivity	Tri-Mode (USB-C, 2.4GHz Wireless, Bluetooth)
Polling Rate	Wired 1K, Wireless 8K Hz Hyperpolling
Battery Capacity	500mAh
Special Features	TOPSPEED Wireless Technology, Ergonomic Design, Programmable Buttons

## 8. WARRANTY AND SUPPORT

MCHOSE products come with a limited warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official MCHOSE website. For technical support, driver downloads, or further assistance, please visit the MCHOSE official support page or contact customer service.

**Official MCHOSE Website:** [MCHOSE Store on Amazon](#)



	<p><a href="#">MCHOSE X75 Three-Mode Mechanical Keyboard User Guide</a></p> <p>Comprehensive user guide for the MCHOSE X75 three-mode mechanical keyboard, covering 2.4G, wireless, and wired connections, RGB lighting, Fn key functions, specifications, and charging instructions.</p>
	<p><a href="#">MCHOSE G3 Series Wireless Mouse User Guide</a></p> <p>Comprehensive user guide for the MCHOSE G3 Series Wireless Mouse, detailing its features, installation steps for wired, 2.4G RF, and Bluetooth connections, software usage, DPI settings, and power indicator meanings.</p>
	<p><a href="#">MCHOSE K99 V2 Tri-Mode Mechanical Keyboard User Manual</a></p> <p>User manual for the MCHOSE K99 V2 Tri-Mode Mechanical Keyboard, covering wired, 2.4GHz wireless, and Bluetooth connections, FN key combinations, battery management, and system switching.</p>
	<p><a href="#">MCHOSE G87 Tri-Mode Mechanical Keyboard User Manual &amp; Guide</a></p> <p>Comprehensive user guide for the MCHOSE G87 Tri-Mode Mechanical Keyboard. Learn about setup, 2.4G wireless, Bluetooth, wired connections, lighting functions, battery management, charging, and warranty information.</p>
	<p><a href="#">MCHOSE K7 Ultra Mouse Handy Guide</a></p> <p>A concise guide to the MCHOSE K7 Ultra Mouse, covering wired, 2.4G, and wireless connection methods, as well as charging instructions.</p>
	<p><a href="#">MCHOSE A5 Wireless Mouse User Manual</a></p> <p>User manual for the MCHOSE A5 Wireless Mouse, detailing dual-mode connection (2.4G and Bluetooth), wired connection, DPI settings, charging instructions, and specifications.</p>