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> MCHOSE M7 Ultra Wireless Gaming Mouse User Manual

MCHOSE MCHOSE M7

MCHOSE M7 Ultra Wireless Gaming Mouse User Manual

Model: MCHOSE M7 Ultra

1. INTRODUCTION

The MCHOSE M7 Ultra Wireless Gaming Mouse is a high-performance peripheral designed for competitive gaming and everyday use. Featuring tri-mode connectivity (2.4GHz wireless, Bluetooth, and USB-C wired), an 8K polling rate, and a lightweight ergonomic design, it offers precision, speed, and comfort. This manual provides detailed instructions to help you get the most out of your M7 Ultra mouse.



Figure 1.1: MCHOSE M7 Ultra Wireless Gaming Mouse

2. SETUP

2.1 Unboxing and Initial Setup

Upon receiving your MCHOSE M7 Ultra mouse, carefully unbox the contents. The package includes the mouse, a USB-C

charging cable with a USB adapter, and a set of grip stickers. Remove all protective films from the mouse, especially from the bottom skates, to ensure smooth gliding.

Video 2.1: MCHOSE M7 mouse Unboxing and Close-up. This video demonstrates the unboxing process and highlights the components included with the mouse.



Figure 2.1: Overview of MCHOSE M7 Ultra buttons and components, including the USB dongle stored inside the mouse.

2.2 Connectivity Options

The M7 Ultra supports three modes of connection:

- **2.4GHz Wireless:** For ultra-low latency gaming, use the included USB dongle. The dongle is conveniently stored in a compartment on the underside of the mouse.
- **Bluetooth 5.0:** Ideal for general use and connecting to multiple devices without a dongle.
- **USB-C Wired:** Connect directly via the USB-C cable for charging and a stable wired connection.

MCHOSE CUSTOM DRIVER

HUB Software for Customization

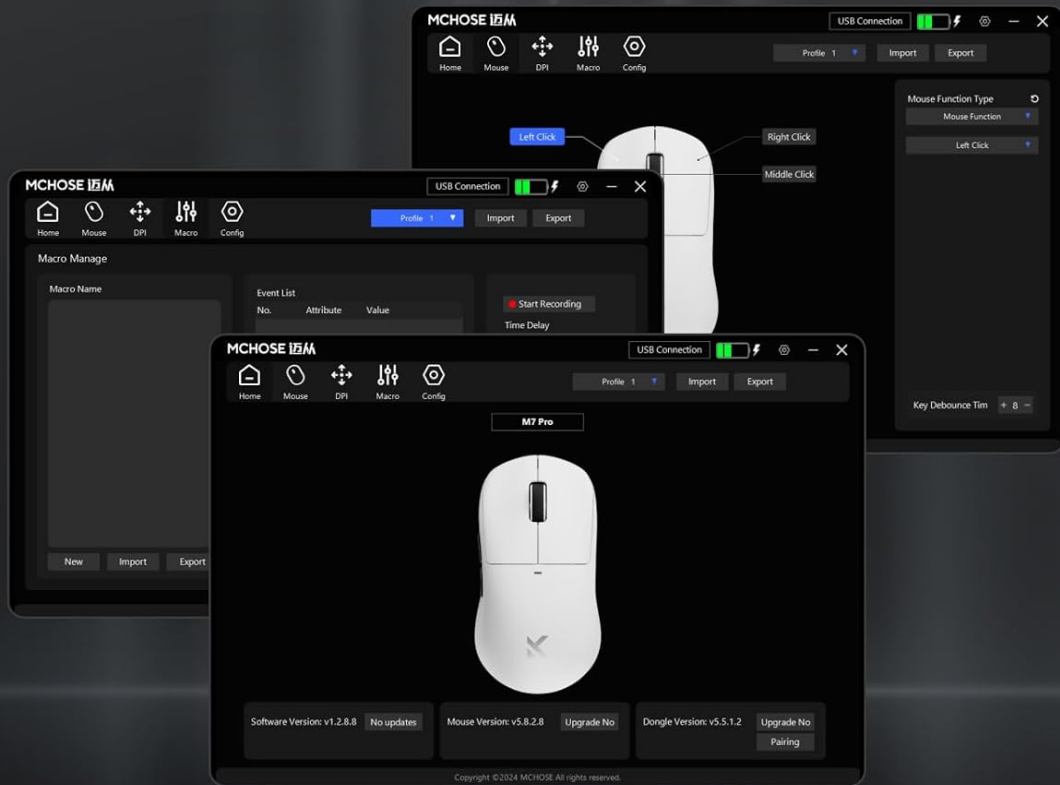


Figure 2.2: The M7 Ultra offers 2.4GHz Wireless, Bluetooth 5.0, and USB-C Wired connectivity options.

3. OPERATING THE MOUSE

3.1 Buttons and Controls

The M7 Ultra features 6 programmable buttons, including the left click, right click, middle button (scroll wheel click), mode switch button, forward button, and back button. The DPI switch button on the underside allows for on-the-fly sensitivity adjustments.

3.2 Polling Rate and Sensor

Equipped with a PAW3950 Optical Sensor, the M7 Ultra offers up to 42000 DPI sensitivity, 750 IPS tracking speed, and 50G acceleration for precise tracking. The mouse supports a dual 8K Polling Rate (wired 1K and wireless 8K), significantly reducing latency to 0.125ms for enhanced control in competitive scenarios.

MCHOSE 8K HZ HYPERPOLLING RATE

Ultra-low-latency Response



TOPSPEED WIRELESS TECHNOLOGY

*M7 Ultra come with NANO Wireless 8K Receiver

Figure 3.1: The M7 Ultra boasts an 8K Hz Hyperpolling Rate for ultra-low-latency response.

MCHOSE M7 Ultra



Figure 3.2: The cutting-edge PAW 3950 Optical Sensor provides unmatched responsiveness and precision.

3.3 Ergonomics and Grip

The M7 Ultra's ergonomic design accommodates various grip styles, including palm, claw, and fingertip grips, ensuring comfort during extended gaming sessions. Its lightweight construction (approximately 53g) contributes to effortless movement.

Ergonomic Design

Suitable for all grip modes



Palm Grip



Finger Grip



Claw Grip

Figure 3.3: The ergonomic design of the M7 Ultra is suitable for all grip modes: Palm, Finger, and Claw.

3.4 Customization Software

Utilize the MCHOSE Custom Driver software for advanced customization. This software allows you to edit up to five mouse buttons, adjust DPI settings, polling rate, activate Esports mode, and manage macros for a personalized gaming experience. Access the driver from the official MCHOSE website.

Video 3.4: How to Connect the MCHOSE Web driver and Desktop driver. This video guides you through connecting your mouse to the MCHOSE customization software.

8K HZ HYPERPOLLINGRATE



**Realtek
Premium Processor**



**55g
Ultra Lightweight**



55g

PAW 3950 Sensor



**MCHOSE Pro
Optical Switches**



500mAh





Ergonomic Design



Tri-mode Connectivity



MCHOSE CUSTOM DRIVER

Figure 3.4: The MCHOSE Custom Driver provides a HUB software for comprehensive customization of your mouse settings.

4. MAINTENANCE

4.1 Battery Life and Charging

The M7 Ultra is equipped with a 500mAh rechargeable internal battery, providing excellent battery life for extended usage. To charge the mouse, connect the supplied USB-C cable to the mouse and a power source. The indicator light will show charging status.

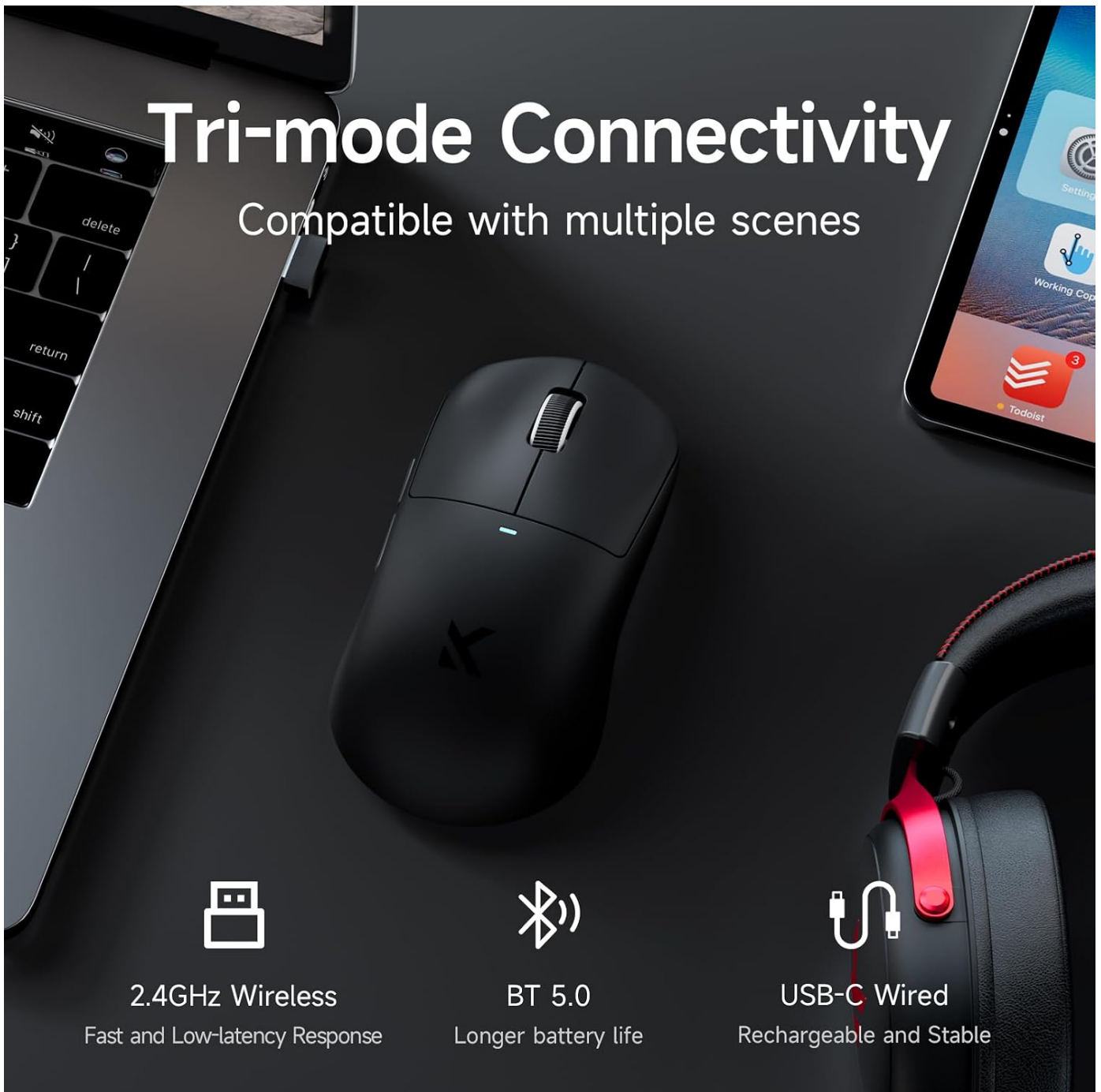


Figure 4.1: The M7 Ultra features a 500mAh battery for outstanding battery life, with estimated usage times for different polling rates and Bluetooth mode.

4.2 Cleaning and Care

To maintain optimal performance and appearance, regularly clean your M7 Ultra mouse. Use a soft, dry cloth to wipe the surface. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the internal components. Avoid harsh chemicals or abrasive materials.

5. TROUBLESHOOTING

If you encounter any issues with your MCHOSE M7 Ultra mouse, please refer to the following common troubleshooting steps:

- **Mouse not responding:** Ensure the mouse is charged and the correct connectivity mode (2.4G, BT, or Wired) is selected. For wireless modes, check that the dongle is properly inserted or Bluetooth is paired.
- **Lag or disconnections:** Try moving closer to the receiver (for 2.4G wireless) or reducing interference from other

wireless devices. Ensure drivers are up to date.

- **Tracking issues:** Clean the optical sensor on the bottom of the mouse. Ensure you are using the mouse on a suitable surface (a mouse pad is recommended).
- **Buttons not working:** Check the button assignments in the MCHOSE Custom Driver software.

If the problem persists after attempting these steps, please contact MCHOSE customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	MCHOSE
Model	MCHOSE M7 Ultra
Connectivity Technology	Bluetooth, Wi-Fi 2.4Ghz, USB
Movement Detection Technology	Optical (PAW3950 Sensor)
DPI	Up to 42000 DPI
IPS Tracking Speed	750 IPS
Acceleration	50G
Polling Rate	Wired 1K, Wireless 8K
Weight	53g (approximate)
Battery Capacity	500mAh
Product Dimensions	5 x 2.5 x 0.1 inches
Item Weight	11.3 ounces

7. WARRANTY AND SUPPORT

MCHOSE products are manufactured to high-quality standards. For specific warranty details and terms, please refer to the warranty information provided with your purchase or visit the official MCHOSE website.

For technical support, troubleshooting assistance, or any inquiries regarding your MCHOSE M7 Ultra Wireless Gaming Mouse, please contact MCHOSE Official customer support. You can often find support resources, FAQs, and contact information on the brand's official website or through the seller's contact channels on the platform where you purchased the product.

Visit the [MCHOSE Store](#) for more information and support resources.