MCHOSE AX5

MCHOSE G3 Ultra Wireless Gaming Mouse User Manual

Model: AX5

1. Introduction

This manual provides detailed instructions for the MCHOSE G3 Ultra Wireless Gaming Mouse. Designed for high-performance gaming, this mouse offers advanced features including a dual 8K polling rate, a PixArt PAW 3395 optical sensor, and versatile tri-mode connectivity. Please read this manual thoroughly to ensure proper usage and to maximize your gaming experience.



Image 1.1: Top view of the MCHOSE G3 Ultra Wireless Gaming Mouse.

2. Package Contents

Verify that all items are present in your MCHOSE G3 Ultra package:

- MCHOSE G3 Ultra Wireless Gaming Mouse
- USB-C to USB-A Charging/Data Cable
- 2.4G USB Receiver (stored inside the mouse)
- User Manual (this document)
- Customizable Grip Decals
- Alcohol Pad for decal application

3. Product Overview

The MCHOSE G3 Ultra is engineered for precision and comfort. It features a lightweight design, customizable buttons, and multiple connectivity options.



Image 3.1: Labeled diagram of the MCHOSE G3 Ultra mouse, showing the DPI indicator light, DPI switch key, 2.4G indicator light, Wireless 1 and 2 indicator lights, power switch, and USB receiver compartment.

Key Features:

- **Ultra-Lightweight Design:** Weighing approximately 64g for enhanced maneuverability.
- **PixArt PAW 3395 Optical Sensor:** Provides up to 26,000 DPI for exceptional tracking accuracy.
- **Dual 8K Polling Rate:** Supports 8000Hz polling rate in 2.4G wireless and wired modes for ultra-low latency (approximately 0.125ms).
- **Tri-Mode Connectivity:** Offers 2.4G wireless, Bluetooth, and wired USB-C connections.
- **Customized Switches:** Durable switches with up to 100 million clicks lifespan, designed for precision and reliability.
- **Four-Stage Scroll Wheel:** Features TTC gold and silver encoders for precise and responsive scrolling.
- **Long Battery Life:** Equipped with a 500mAh battery, providing up to 170 hours of usage on a full charge.

4. Setup

4.1 Initial Charging

Before first use, it is recommended to fully charge the mouse. Connect the provided USB-C cable to the mouse's front port and the USB-A end to a power source (e.g., computer USB port, USB wall adapter).

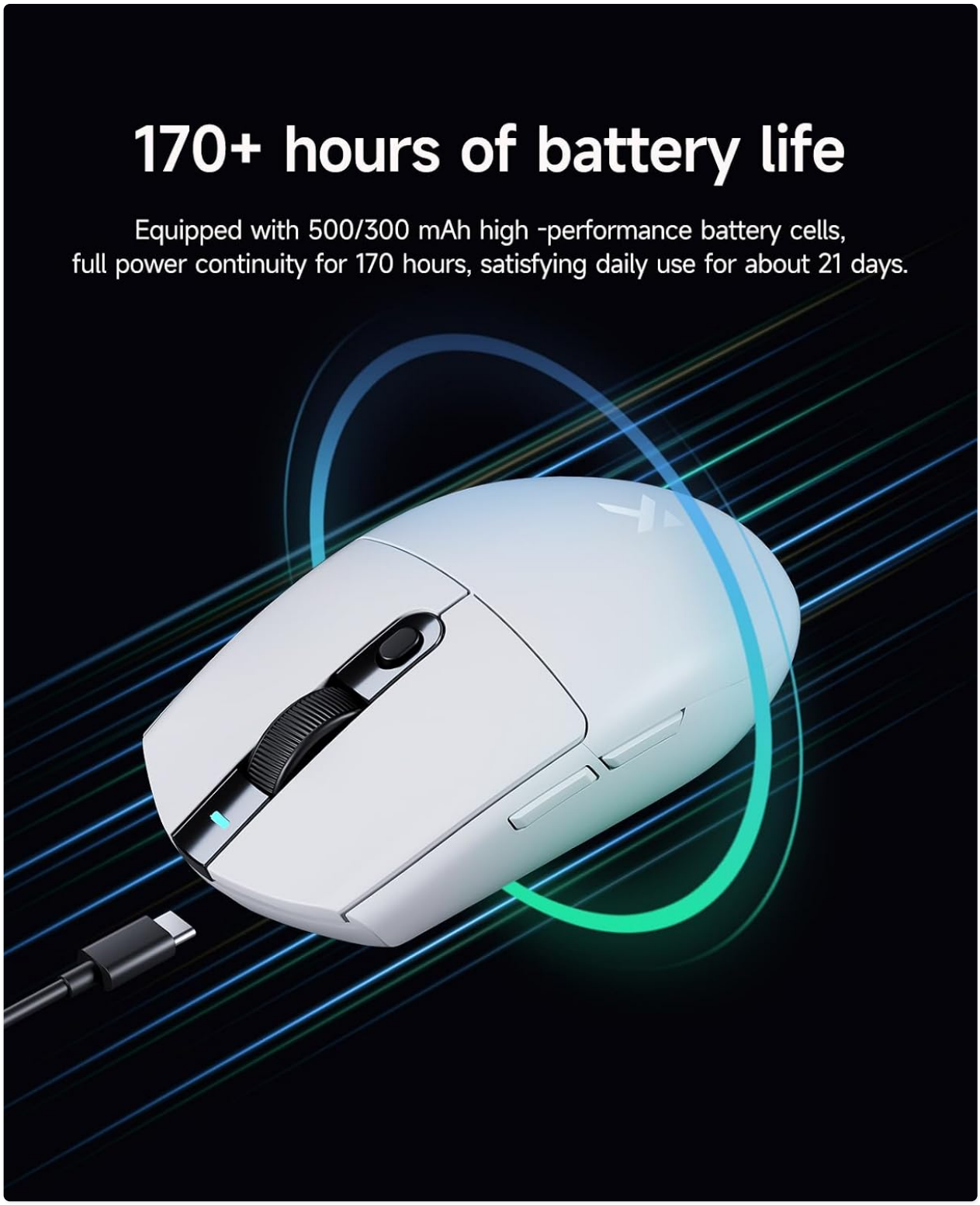


Image 4.1: The MCHOSE G3 Ultra mouse being charged via its USB-C port.

4.2 Connecting the Mouse

The MCHOSE G3 Ultra supports three connection modes: 2.4G wireless, Bluetooth, and wired.

2.4G Wireless Mode:

1. Locate the 2.4G USB receiver stored in the compartment on the underside of the mouse.
2. Plug the USB receiver into an available USB-A port on your computer.
3. Slide the power switch on the bottom of the mouse to the 'ON' position.
4. Select the 2.4G mode using the mode selector switch (usually indicated by a specific LED color or position). The mouse should connect automatically.

Bluetooth Mode:

1. Slide the power switch on the bottom of the mouse to the 'ON' position.
2. Select one of the Bluetooth modes (Wireless 1 or Wireless 2) using the mode selector switch. The corresponding indicator light will blink, indicating pairing mode.
3. On your computer, open Bluetooth settings and search for new devices.
4. Select 'MCHOSE G3 Ultra' from the list of available devices to pair.

Wired Mode:

1. Connect the provided USB-C cable to the mouse and the USB-A end to your computer.
2. The mouse will automatically switch to wired mode and begin charging.

5. Operating Instructions

5.1 DPI Adjustment

The MCHOSE G3 Ultra features a dedicated DPI switch button located behind the scroll wheel. Press this button to cycle through different DPI settings. The DPI indicator light on the mouse will change color or pattern to indicate the current DPI level.

Name	MCHOSE G3 Series				
Model	G3 SE	G3	G3 Pro	G3 Max	G3 Ultra
Connectivity	Wired Type-C/2.4G/Bluetooth				
Click Switch Lifespan	HUANNUO 30 million times	HUANNUO 60 million times	Omron 60 million times		Omron 100 million times
Switch	TTC Silver Wheel			TTC Golden Wheel	
Chip	Sino Wealth			PixArt	Realtek
Standard received	Wired 1K+Wireless 1K			Wired 1K + Wireless 8K	Wired 8K + Wireless 4K / Wired 8K + Wireless 8K
Sensor	PAW 3311		PAW 3395		
Battery Capacity	300mAh	500mAh	300mAh	500mAh	
DPI	12000		26000		
Weight (excluding receiver)	60g±2g	64g±2g	60g±2g	64g±2g	
Packing list	Receiver, Data Cable, Manual				
Size	Length, Width, Height of about 116.5x62.9x38.2mm				

*The above data is derived from the laboratory, and there is a reasonable error in measured or there is a reasonable error.
*170+hours of battery life The test model is G3 Ultra, and the 1K return rate is opened. It is calculated based on 8 hours a day.
*The weight does not contain the receiver, and the actual product prevails. The actual data has ± 2G tolerance floating.
*The product pictures of the above page are the display effect, please refer to the real object.
*Due to the different production batches, there are some differences in product details,
and the final interpretation rights return to the official.
*Drive download, please go to https://www.maicong.cn/

Image 5.1: Side view of the MCHOSE G3 Ultra mouse, highlighting the side buttons and ergonomic shape.

5.2 Programmable Buttons

The mouse includes programmable buttons for enhanced functionality. Refer to the MCHOSE official website for software downloads and instructions on customizing button assignments and other advanced settings.

5.3 Polling Rate

The mouse supports a dual 8K polling rate in 2.4G wireless and wired modes. This high polling rate ensures rapid response times and smooth cursor movement. Note that some older systems or software may not fully support 8KHz polling rates.

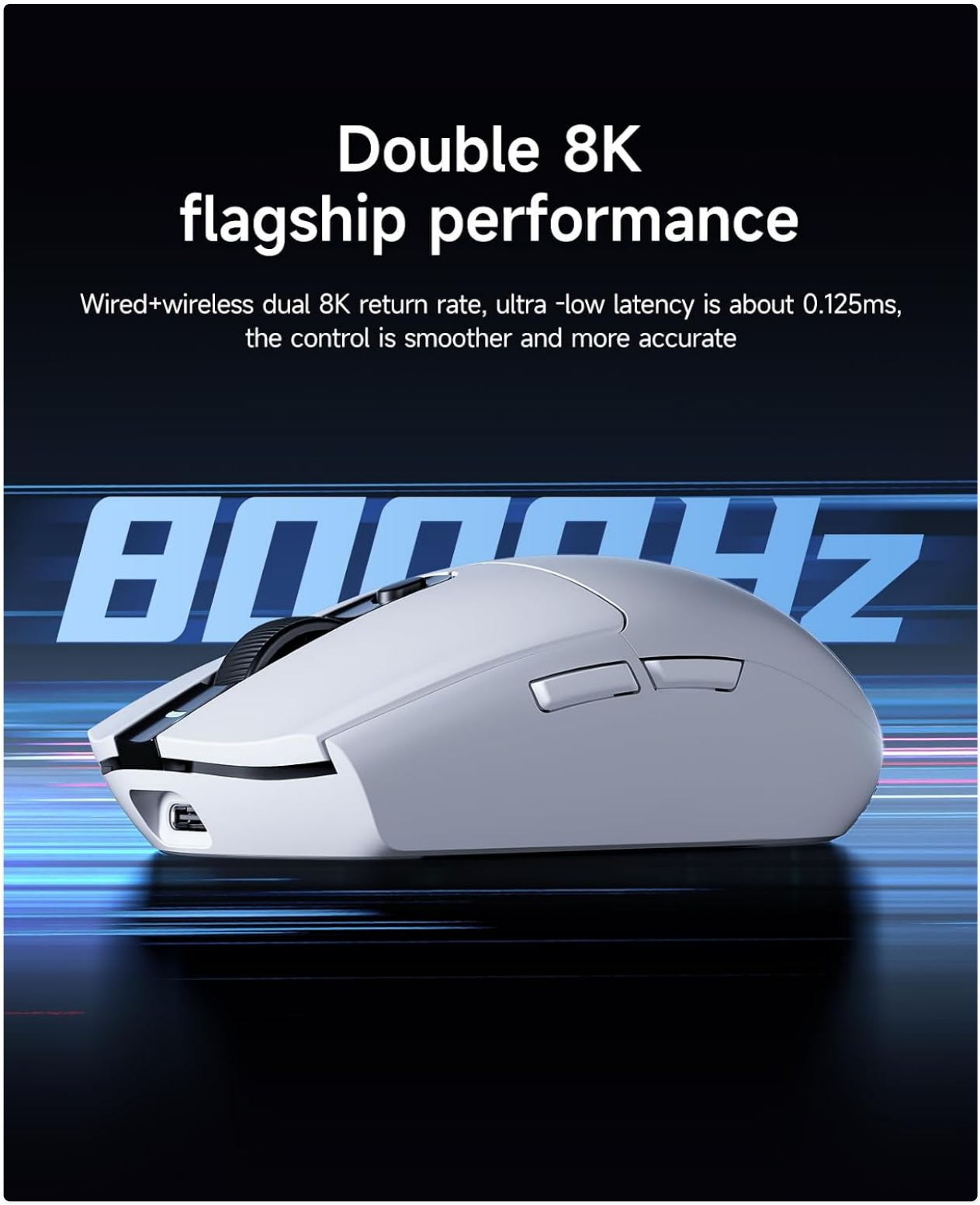


Image 5.2: Visual representation of the mouse's dual 8K polling rate capability.

6. Maintenance

6.1 Cleaning

To clean your mouse, use a soft, dry cloth. For stubborn dirt, lightly dampen the cloth with water or a mild cleaning solution. Avoid using harsh chemicals or abrasive materials, as these can damage the mouse's surface.

6.2 Storage

When not in use for extended periods, store the mouse in a cool, dry place. Ensure the USB receiver is securely stored in its compartment on the underside of the mouse to prevent loss.

6.3 Applying Grip Decals

The package includes customizable grip decals. To apply them, first clean the mouse surface with the provided alcohol pad and allow it to dry completely. Carefully peel the decals and apply them to your desired areas on the mouse for improved grip and aesthetics.

7. Troubleshooting

- **Mouse not responding:** Ensure the mouse is powered on and fully charged. Check the connection mode (2.4G, Bluetooth, or wired) and ensure it matches your computer's setup. For 2.4G, verify the USB receiver is properly inserted. For Bluetooth, ensure it is paired correctly.
- **Lag or erratic movement:** Ensure the mouse is within range of the receiver (for 2.4G) or your Bluetooth device. Check for interference from other wireless devices. Try connecting in wired mode to rule out wireless issues.
- **DPI not changing:** Press the DPI switch button firmly. If the indicator light does not respond, try restarting the mouse.
- **Charging issues:** Ensure the USB-C cable is securely connected to both the mouse and the power source. Try a different USB port or charging adapter.

8. Specifications

Detailed specifications for the MCHOSE G3 Ultra Wireless Gaming Mouse:

Feature	Specification
Product Dimensions	0.39 x 0.39 x 0.39 inches
Item Weight	12.3 ounces (approx. 348g, note: product description states 64g, this might be shipping weight)
ASIN	B0D923JTDW
Item Model Number	AX5
Brand	MCHOSE
Color	White
Connectivity Technology	USB (2.4G Wireless, Bluetooth, Wired)
Special Feature	Lightweight
Movement Detection Technology	Optical (PixArt PAW 3395 Sensor)
Max DPI	26,000 DPI
Polling Rate	Dual 8K (8000Hz) in 2.4G Wireless & Wired modes
Battery Capacity	500mAh

Feature	Specification
Battery Life	Up to 170 hours



Image 8.1: MCHOSE G3 Series comparison table, highlighting the G3 Ultra's specifications.

9. Warranty and Support

The MCHOSE G3 Ultra Wireless Gaming Mouse comes with a manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official MCHOSE website or contact their customer support directly. Keep your proof of purchase for warranty claims.