

[Manuals.plus](#) /

› [RAWM](#) /

› RAWM MH01 Wireless Lightweight Gaming Mouse User Manual

RAWM MH01

RAWM MH01 Wireless Lightweight Gaming Mouse User Manual

Model: MH01

1. PRODUCT OVERVIEW

The RAWM MH01 is a high-performance wireless gaming mouse designed for precision and comfort. It features a PAW3395 optical sensor, multiple connectivity options, and programmable buttons to enhance your gaming and productivity experience.



Image 1.1: The RAWM MH01 Wireless Gaming Mouse shown with its accompanying USB receiver. The mouse is white with a sleek, ergonomic design, featuring a scroll wheel and primary buttons.

Key Features:

- **PAW3395 Optical Sensor:** Up to 26000 DPI for precise tracking.
- **Tri-mode Connectivity:** Supports 2.4G wireless, Bluetooth 5.3, and wired (USB Type-C) connections.
- **Lightweight Design:** Optimized for swift and comfortable movement.
- **Hot-Swappable Switches:** Allows for personalized click feel and extended lifespan.
- **7 Programmable Buttons:** Customizable via RAWM Hub software.

- **600mAh Rechargeable Battery:** Provides extended usage time.

2. SETUP

2.1 Package Contents

Verify that all items are present in the package:

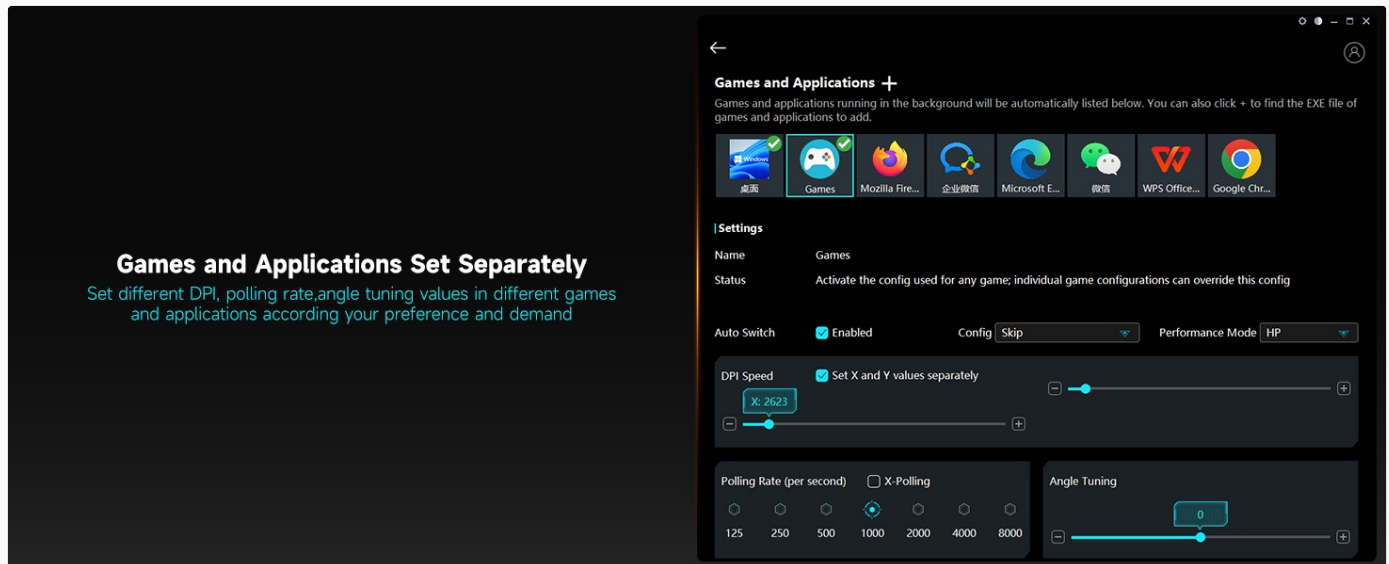


Image 2.1: An illustration showing the contents included in the RAWM MH01 package. These include the MH01 mouse, gift box, Type-C cable, manual, grip tape, PTFE skates, 1K receiver, and an adapter.

- RAWM MH01 Wireless Gaming Mouse
- USB Type-C Charging/Data Cable
- USB 2.4G Wireless Receiver
- USB-A to USB-C Adapter
- User Manual
- Grip Tape (optional)
- PTFE Skates (optional)

2.2 Charging the Mouse

The MH01 mouse is equipped with a 600mAh rechargeable battery. For optimal performance, fully charge the mouse before first use.

1. Connect the supplied USB Type-C cable to the mouse's charging port.
2. Connect the other end of the cable to a USB power source (e.g., computer USB port, USB wall adapter).
3. The LED indicator on the mouse will show charging status. A full charge typically takes approximately 2.5 to 3 hours.

LONG BATTERY LIFE

Battery life
165h

Full charging time
3h



Image 2.2: An image highlighting the long battery life of the RAWM MH01 mouse, indicating 165 hours of battery life and a 3-hour full charging time for its 600mAh battery.

2.3 Connection Modes

The RAWM MH01 supports three connection modes:

TRI-MODE CONNECTION



TYPE-C WIRED MODE



WIRELESS USB 2.4G



BLUETOOTH 5.3



Image 2.3: An illustration depicting the three connection modes of the RAWM MH01 mouse: Type-C Wired Mode, Wireless USB 2.4G, and Bluetooth 5.3.

1. 2.4G Wireless Mode:

- Insert the USB 2.4G wireless receiver into an available USB port on your computer.
- Turn on the mouse using the switch on the bottom and select the 2.4G mode.
- The mouse should connect automatically.

2. Bluetooth 5.3 Mode:

- Turn on the mouse and select the Bluetooth mode using the switch on the bottom.
- On your computer, open Bluetooth settings and search for new devices.
- Select "RAWM MH01" from the list of available devices to pair.

3. Wired Mode:

- Connect the mouse to your computer using the supplied USB Type-C cable.

- The mouse will automatically switch to wired mode and can be used while charging.

2.4 Software Installation (RAWM Hub)

To unlock the full customization potential of your RAWM MH01 mouse, download and install the RAWM Hub software from the official RAWM website. The software is available as both a desktop application and a web-based hub.

TECHNICAL SPECIFICATION



Model:	SA-MH01
Sensor:	Pixart 3395 Optical Sensor
Polling Rate:	1000-8000Hz Polling Rate
DPI:	On-the-Fly Adjustable DPI (50-26000)
Acceleration:	Up to 650IPS/50g Acceleration
Clicks Lifetime:	HUANO Pink Dots 80 Million Times
Battery Capacity:	600mAh
Battery Life:	Up to 165 Hours
Charging Time:	Approx 2.5 Hours
Size:	127.2mm*66mm*40.1mm
Cord:	6.5 feet Type-C
Weight:	70g±1g

Image 2.4: A screenshot of the RAWM Hub software interface, displaying various customization options for the mouse, including DPI settings, polling rate, button assignments, and advanced performance modes.

1. Visit the official RAWM website.
2. Navigate to the support or downloads section for the MH01 mouse.
3. Download and install the RAWM Hub application for your operating system.
4. Launch the application to access settings for DPI, button mapping, polling rate, and more.

3. OPERATING INSTRUCTIONS

3.1 DPI Control

The RAWM MH01 features an on-mouse DPI button located on the bottom of the mouse for quick adjustments. Default DPI stages are 400/800/1600/3200.

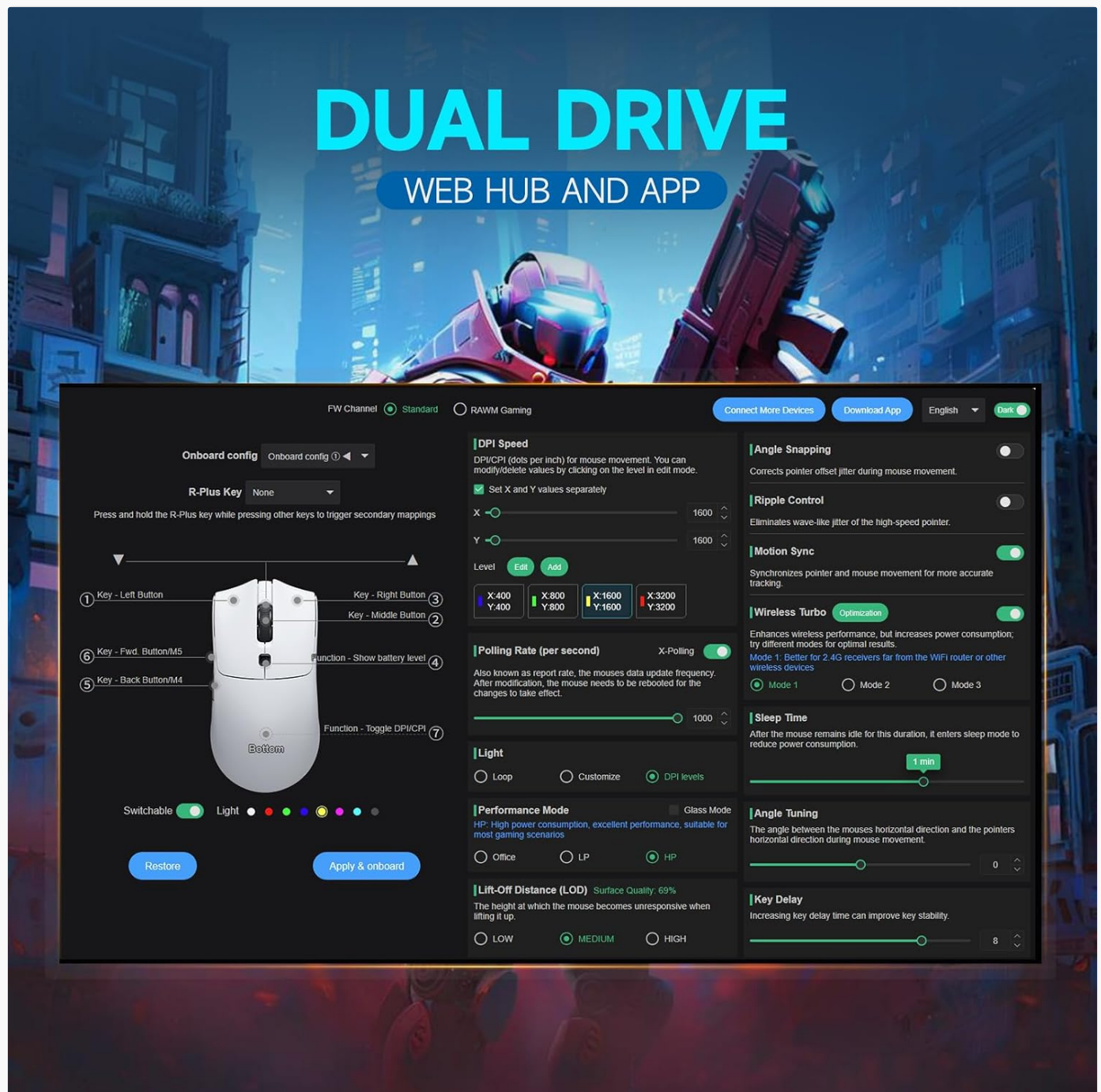


Image 3.1: A close-up of the RAWM MH01 mouse highlighting the DPI switch button located on its underside. The image also shows a software interface for detailed DPI adjustment, including setting X/Y values separately and up to 8 DPI stages.

- **On-mouse Adjustment:** Press the DPI button on the bottom of the mouse to cycle through the preset DPI stages.
- **Software Adjustment:** Use the RAWM Hub software to customize DPI settings, including setting up to 8 DPI stages, adjusting DPI in 1-DPI increments (50-26000), and setting X/Y DPI values independently.

3.2 Programmable Buttons

The mouse features 7 programmable buttons that can be customized using the RAWM Hub software.



Image 3.2: A screenshot of the RAWM Hub software's button mapping interface. It illustrates how to assign keys, macros, and functions to the mouse's buttons, including the R-Plus Key for secondary mappings.

1. Open the RAWM Hub software.
2. Navigate to the "Mapping Type" or "Buttons" section.
3. Select the button you wish to customize.
4. Assign a key, macro, or function from the available options.
5. Save your changes to the mouse's onboard memory.

3.3 Hot-Swappable Switches

The RAWM MH01 features a hot-swappable switch design, allowing users to change the mechanical switches for the main left and right click buttons. This enables customization of click feel and extends the mouse's lifespan.

HOT SWAP SWITCH

Support change switch by yourself.



Image 3.3: An exploded view of the RAWM MH01 mouse demonstrating the hot-swappable switch mechanism. It shows the HUANO Pink Dots switches and mentions compatibility with other 3-pin switches like Kailh GM8.0 Black Mamba and HUANO Silent micro switches.

1. Ensure the mouse is powered off and disconnected.
2. Carefully remove the mouse shell or access the switch area (refer to detailed diagrams on the RAWM website if needed).
3. Gently pull out the existing switch using a switch puller (not included).
4. Align the pins of the new 3-pin mechanical switch with the sockets and press it firmly into place.
5. Reassemble the mouse.

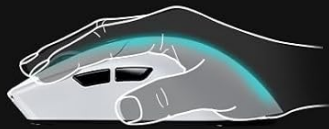
Note: Only use compatible 3-pin mechanical switches. Improper installation may damage the mouse.

3.4 Ergonomics and Grip Style

The RAWM MH01 is designed to accommodate various grip styles, particularly optimized for palm and claw grips, suitable for medium to large hand sizes.

BEST FOR PALM GRIP

Suitable for claw or palm grip of big and medium size hand



PALM



CLAW



FINGERTIP

Image 3.4: An illustration demonstrating different mouse grip styles (Palm, Claw, Fingertip) and indicating that the RAWM MH01 is best suited for palm and claw grips for big and medium-sized hands.

4. MAINTENANCE

4.1 Cleaning

- Ensure the mouse is powered off and disconnected from all cables.
- Use a soft, lint-free cloth lightly dampened with water or a mild cleaning solution to wipe the surface of the mouse.
- Avoid using harsh chemicals, abrasives, or solvents.
- Use a can of compressed air to clear dust and debris from crevices and around buttons.
- Clean the optical sensor on the bottom of the mouse periodically with a cotton swab to ensure accurate tracking.

4.2 Battery Care

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the mouse in a cool, dry place when not in use for extended periods.
- If storing for a long time, charge the battery to approximately 50% before storage.

5. TROUBLESHOOTING

Common Issues and Solutions:

Issue	Possible Solution
Mouse not responding in 2.4G wireless mode	◦ Ensure the mouse is switched to 2.4G mode. ◦ Verify the USB receiver is securely plugged into a working USB port. ◦ Try a different USB port. ◦ Recharge the mouse battery. ◦ Re-pair the mouse with the receiver (refer to RAWM website for specific pairing instructions if needed).
Mouse not connecting via Bluetooth	◦ Ensure the mouse is switched to Bluetooth mode. ◦ Make sure Bluetooth is enabled on your computer. ◦ Remove any previous pairings of the mouse from your computer's Bluetooth settings and attempt to pair again. ◦ Recharge the mouse battery.
DPI settings not changing	◦ Ensure the mouse is powered on. ◦ If using the on-mouse button, press it firmly. ◦ If using RAWM Hub, ensure the software is running and the settings are applied/saved to the mouse. ◦ Restart the RAWM Hub software and/or your computer.
Buttons not responding or double-clicking	◦ Check button assignments in RAWM Hub. ◦ If hot-swapped, ensure switches are correctly seated. ◦ Consider replacing the switch if it's faulty.
Mouse cursor erratic or lagging	◦ Clean the optical sensor on the bottom of the mouse. ◦ Ensure the mouse is used on a clean, uniform surface (mouse pad recommended). ◦ Check for interference in 2.4G wireless mode (e.g., other wireless devices). ◦ Ensure the battery is sufficiently charged. ◦ Update mouse firmware via RAWM Hub.

6. TECHNICAL SPECIFICATIONS

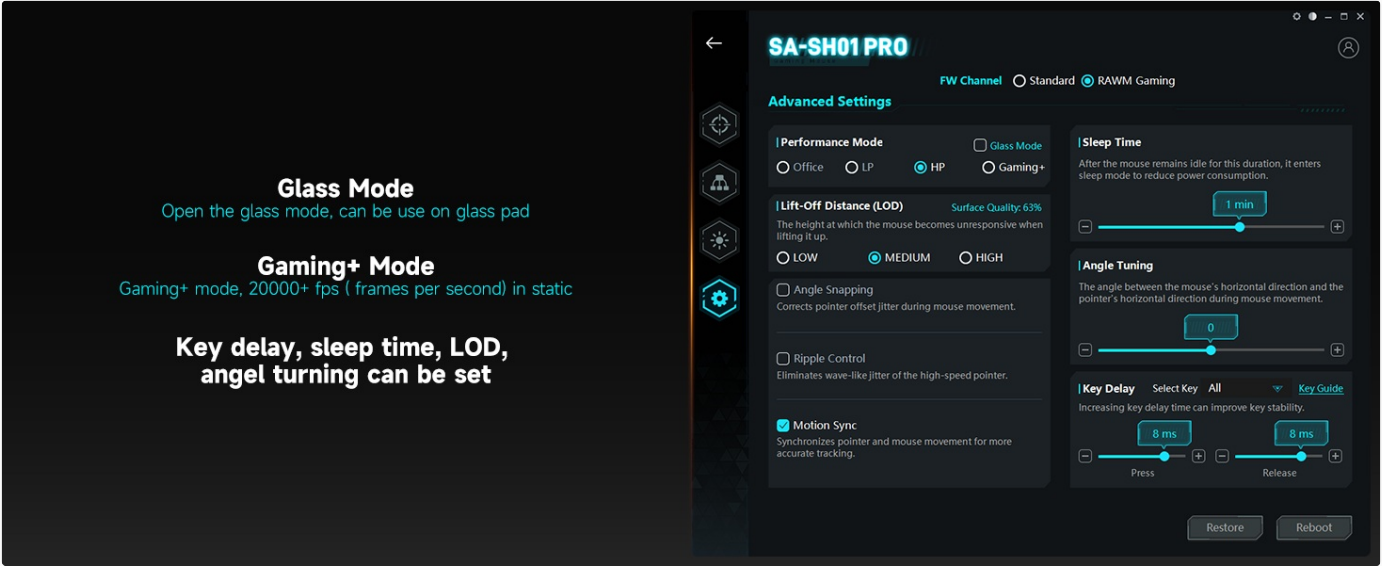


Image 6.1: A detailed diagram outlining the technical specifications of the RAWM MH01 mouse, including its dimensions, sensor type, polling rate, DPI range, acceleration, click lifespan, battery capacity, battery life, charging time, and weight.

Feature	Specification
Model	MH01
Sensor	PAW3395 Optical Sensor
DPI Range	50 - 26000 DPI (Adjustable)
Polling Rate	125Hz, 250Hz, 500Hz, 1000Hz (up to 8000Hz with separate dongle)
Acceleration	Up to 50G
Tracking Speed	650 IPS (Inches Per Second)
Connectivity	2.4G Wireless, Bluetooth 5.3, USB Type-C Wired
Buttons	7 Programmable Buttons
Switch Type	Hot-swappable 3-pin mechanical switches (e.g., HUANO Pink Dots)
Switch Lifespan	80 Million Clicks (HUANO Pink Dots)
Battery Type	Rechargeable Lithium Battery
Battery Capacity	600mAh
Battery Life	Up to 165 hours (approximate, varies with usage)
Charging Time	Approx. 2.5 - 3 hours
Dimensions (L x W x H)	127.2mm x 66mm x 40.1mm (5 x 2.6 x 1.58 inches)
Weight	Approx. 70g ± 1g (2.47 oz)

Feature	Specification
Cable Length	5 ft (1.5 meters) Type-C
Compatible OS	PC, Laptop, Mac

7. WARRANTY AND SUPPORT

RAWM products are manufactured to high quality standards. For specific warranty information, including duration and terms, please refer to the warranty card included in your product packaging or visit the official RAWM website.

For technical support, troubleshooting assistance, or to download the latest RAWM Hub software and firmware updates, please visit the RAWM official support page or contact customer service through the contact information provided on their website.

Manufacturer: Shenzhen Renmo Electronic Technology Co., Ltd

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question