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WLMOUSE Strider

WLMOUSE Strider Magnesium Gaming Mouse User Manual

Model: Strider OM-White

1. INTRODUCTION

This manual provides detailed instructions for the WLMOUSE Strider Magnesium Gaming Mouse. Please read this manual thoroughly before using the product to ensure proper setup, operation, and maintenance. Keep this manual for future reference.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Wireless mouse (1)
- USB-C cable (1)
- 8K dongle (1)
- 1K Nano Dongle (1)
- PTFE Skates (1 set)
- Mouse Grip Tape (1 set)
- Customize Grip Tape (1 set)
- PTFE Dots Skates (20)

3. PRODUCT OVERVIEW

The WLMOUSE Strider is a superlight magnesium alloy wireless gaming mouse designed for high performance. It features an ambidextrous design and advanced sensor technology.



Image: WLMOUSE Strider Magnesium Gaming Mouse, showcasing its design.

3.1 Key Features

- **Magnesium Alloy Construction:** Provides strength, durability, and an ultra-lightweight design (approximately 45g).
- **PAW3950 HS Sensor:** Offers high precision and seamless tracking for gaming.
- **Adjustable Wireless Polling Rate:** Supports 125-8000Hz for responsive performance.
- **Web-Based Configuration:** Customize settings without software downloads.
- **Dual Switch Options:** Available with Optical Om Optics Switches or Mechanical TTC Nihil switches.



Image: The WLMOUSE Strider highlighting its 45g ultra-lightweight magnesium alloy construction.



Image: Diagram illustrating the PAW3950 HS Sensor for precision tracking.

LIGHTWEIGHT MAGNESIUM ALLOY MOUSE

The magnesium alloy mouse weighs only $45\pm 2\text{g}$, giving you more flexible and fast movement and smooth control feel.

45g



Image: Close-up view of the mouse, detailing the two available switch options: Optical Om Optics and Mechanical TTC Nihil.

Equipped with the PAW3950 HS Sensor

Offers exceptional precision and seamless tracking for an unmatched gaming experience.



PAW3950^{HS}

Image: The ambidextrous design of the WLMOUSE Strider, suitable for both left and right-handed users.

4. SETUP

4.1 Connecting the Mouse

The WLMOUSE Strider supports both wired and wireless connectivity.

4.1.1 Wireless Connection (2.4GHz)

1. Insert the 8K dongle or 1K Nano Dongle into an available USB port on your computer.
2. Ensure the mouse is powered on. The mouse should automatically connect to the dongle.
3. For optimal performance, place the dongle as close to the mouse as possible, ideally using the provided USB-C cable and adapter if needed.

4.1.2 Wired Connection

1. Connect the provided USB-C cable to the mouse and the other end to an available USB port on your computer.
2. The mouse will function in wired mode and charge simultaneously.

4.2 Web-Based Configuration

The WLMOUSE Strider utilizes a web-based driver for all customizations, eliminating the need for software downloads.

1. Open a web browser on your computer.
2. Navigate to the official WLMOUSE configuration website (refer to product packaging or manufacturer's website for the exact URL).
3. The web interface will automatically detect your mouse, allowing you to adjust settings.

5. OPERATING INSTRUCTIONS

Utilize the web-based configuration tool to customize your mouse settings.

5.1 DPI Adjustment

Adjust the mouse's sensitivity (DPI) to match your preferences. The PAW3950 HS sensor supports a wide range of DPI settings.

- Access the DPI settings through the web-based configuration interface.
- Select your desired DPI level. Changes are applied instantly.



Image: Visual representation of DPI adjustment options, indicating sensitivity control.

5.2 Polling Rate Adjustment

The mouse supports an adjustable wireless polling rate from 125Hz to 8000Hz. A higher polling rate provides more frequent updates to your computer, resulting in smoother and more responsive cursor movement.

- Navigate to the polling rate settings in the web-based configuration.
- Choose your preferred polling rate. Note that higher polling rates may consume more battery power.

5.3 Button Customization and Macros

Program the mouse buttons and create custom macros using the web-based interface.

- Access the button mapping and macro creation sections.
- Assign functions, key presses, or complex macro sequences to programmable buttons.

5.4 Firmware Updates

Periodically check for and apply firmware updates via the web-based configuration tool to ensure optimal performance and access to new features.

6. MAINTENANCE

6.1 Cleaning

- Disconnect the mouse from your computer before cleaning.
- 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 compressed air to clear dust and debris from crevices and the sensor area.

6.2 Battery Care (for Wireless Use)

- Charge the mouse using the provided USB-C cable.
- 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.

7. TROUBLESHOOTING

If you encounter issues with your WLMOUSE Strider, refer to the following common solutions:

- **Mouse not responding:** Ensure the mouse is charged and powered on. For wireless, check dongle connection and try a different USB port. For wired, ensure the USB-C cable is securely connected.
- **Intermittent tracking or skipping:** This can sometimes occur at very high polling rates (e.g., 8000Hz) depending on system compatibility. Try updating the mouse firmware via the web-based configuration tool. If the issue persists, try lowering the polling rate to 4000Hz or 2000Hz. Ensure the dongle is not obstructed and is close to the mouse.
- **Custom settings not applying:** Ensure you are connected to the internet and the mouse is properly detected by the web-based configuration tool. Save any changes made.
- **DPI not changing:** Verify that you are adjusting the correct DPI profile in the web-based configuration.
- **Battery draining quickly:** High polling rates and extensive use of lighting effects (if applicable) can increase battery consumption. Adjust settings in the web-based configuration to optimize battery life.

If these steps do not resolve your issue, please contact WLMOUSE customer support for further assistance.

8. SPECIFICATIONS

Below are the technical specifications for the WLMOUSE Strider Magnesium Gaming Mouse:



Image: Technical diagram showing dimensions and key specifications of the WLMOUSE Strider.

Feature	Specification
Product Dimensions	4.8 x 2.6 x 0.04 inches (122 x 66 x 38 mm)
Item Weight	1.59 ounces (approx. 45g)
Item Model Number	Strider OM-White
Manufacturer	WLMOUSE
Connectivity Technology	Bluetooth, USB (Wired/2.4GHz Wireless)
Movement Detection Technology	Optical (PAW 3950 HS Sensor)
Polling Rate	125-8000Hz (Adjustable)
DPI Range	50-30,000 DPI
MCU	Nordic 52840
Encoder	TTC Dust-Proof silver
LMB/RMB Switches	TTC Nihil Transparent Black Dot / Om Optics
Battery	300mAh

9. WARRANTY AND SUPPORT

WLMOUSE products are covered by a limited warranty. For specific warranty terms and conditions, please refer to

the warranty card included with your product or visit the official WLMOUSE website.

For technical support, troubleshooting assistance, or warranty claims, please contact WLMOUSE customer service through their official website or the contact information provided in your product packaging.

