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› [MAMBASNAKE](#) /

› MAMBASNAKE M5 Ultra Carbon Fiber 8000Hz Wireless Gaming Mouse Instruction Manual

MAMBASNAKE M5 Ultra

MAMBASNAKE M5 Ultra Carbon Fiber 8000Hz Wireless Gaming Mouse Instruction Manual

Model: M5 Ultra

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MAMBASNAKE M5 Ultra Carbon Fiber 8000Hz Wireless Gaming Mouse. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- MAMBASNAKE M5 Ultra Wireless Gaming Mouse
- 2.4G Wireless Receiver
- USB-C to USB-A Coiled Cable (1.6m)
- User Manual
- Grip Tape (optional application)
- PTFE Feet (pre-installed)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your M5 Ultra mouse.

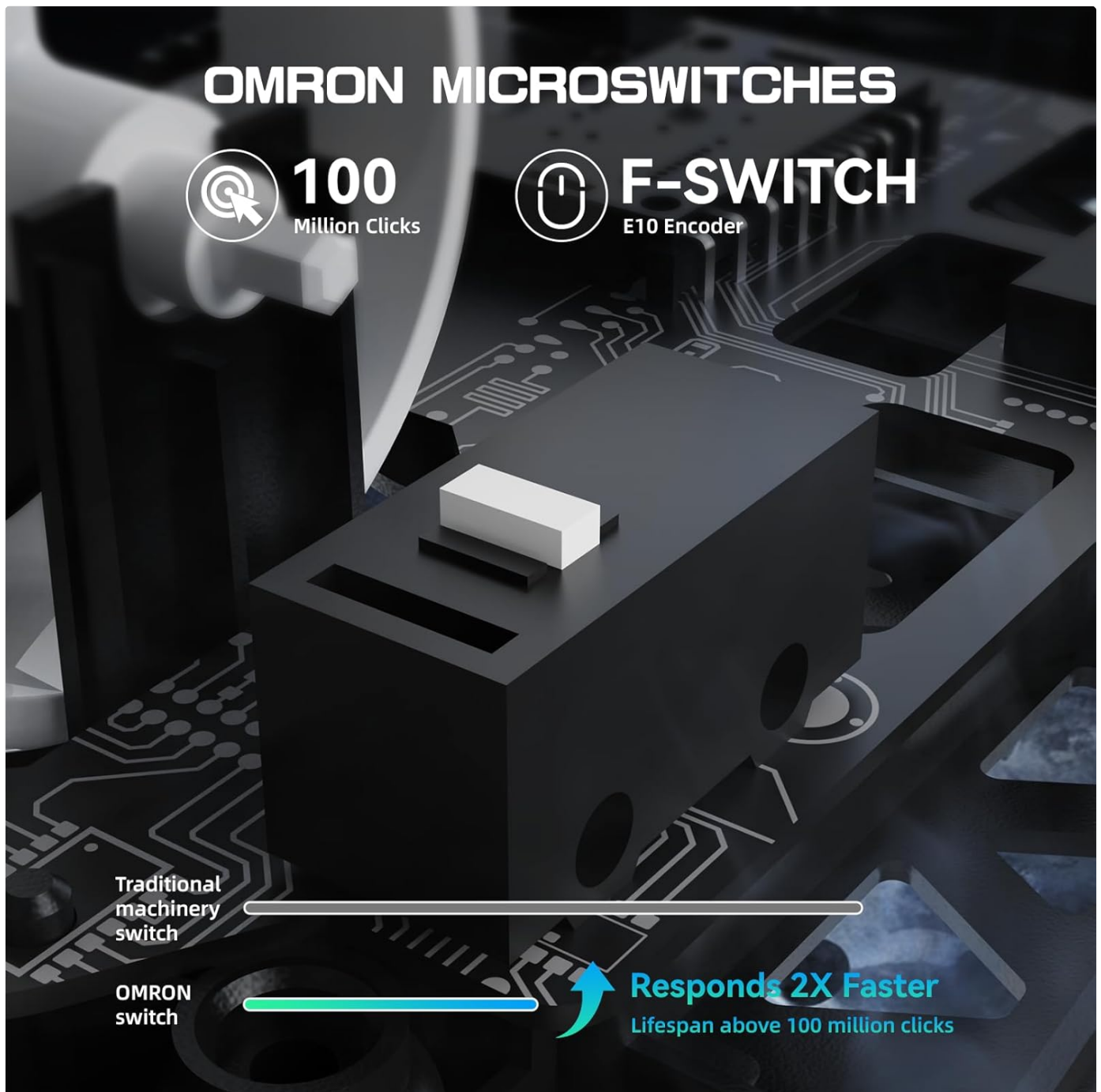


Image: Overview of the MAMBASNAKE M5 Ultra mouse, highlighting the Left Button, Middle Button (scroll wheel), Right Button, DPI Adjustment Button, 2.4G/Wired/BT Switch, and PTFE Feet.

- **Left Button:** Standard left-click function.
- **Middle Button (Scroll Wheel):** Scroll up/down, middle-click.
- **Right Button:** Standard right-click function.
- **DPI Adjustment Button:** Cycles through preset DPI levels.
- **2.4G/Wired/BT Switch:** Selects the connectivity mode.
- **PTFE Feet:** Provides smooth gliding on surfaces.

4. SETUP

4.1 Charging the Mouse

Before initial use, fully charge the mouse using the provided USB-C coiled cable. Connect the USB-C end to the mouse and the USB-A end to an available USB port on your computer or a USB wall adapter. The LED indicator will show

charging status.



Image: The M5 Ultra mouse connected via its USB-C cable, illustrating the charging process.

4.2 Connectivity Modes

The M5 Ultra supports three connectivity modes: 2.4G Wireless, Bluetooth, and USB-C Wired.

M5 ULTRA



Tri-Mode Connections



2.4GHz WIRELESS MODE

125/250/500/1000/2000/4000/8000Hz



USB-C WIRED MODE

125/250/500/1000Hz



BLUETOOTH MODE

125Hz

Image: The M5 Ultra mouse and its 2.4GHz wireless dongle, illustrating the three connection modes: 2.4GHz Wireless, USB-C Wired, and Bluetooth.

1. 2.4G Wireless Mode:

- Insert the 2.4G wireless receiver into an available USB port on your computer.
- Switch the mode selector on the bottom of the mouse to "2.4G".
- The mouse should connect automatically.

2. Bluetooth Mode:

- Switch the mode selector on the bottom of the mouse to "BT".
- On your computer, go to Bluetooth settings and search for new devices.
- Select "MAMBASNAKE M5 Ultra" from the list to pair.

3. USB-C Wired Mode:

- Connect the USB-C coiled cable to the mouse and the USB-A end to your computer.

- Switch the mode selector on the bottom of the mouse to "Wired".
- The mouse will function as a wired device and charge simultaneously.

5. OPERATING INSTRUCTIONS

5.1 DPI Adjustment

The M5 Ultra features a PAW3950MAX sensor with up to 42,000 DPI. Use the DPI adjustment button on the bottom of the mouse to cycle through preset DPI levels. The default levels can be customized via the driver software.

8000HZ WIRELESS POLLING RATE

Almost Zero Operation Delay

The professional gamer-grade hardware configuration makes the cursor movement trajectory more precise, the operation more accurate, and the rapid movement smoother.

0.3993ms
Measured average key delay

MAMBASNAKE M5 Ultra-8K	0.3993ms
Industry general solution	1.8230ms

Image: An exploded view of the M5 Ultra mouse, highlighting the PAW3950MAX sensor, Nordic52840 Master Chip, F-Switch Flagship Encoder, OMRON Microswitches, and Long-Life Lithium Battery.

5.2 Polling Rate

The mouse supports an 8000Hz wireless polling rate, reducing response time significantly. This setting can be configured through the driver software.

Your browser does not support the video tag.

Video: This video demonstrates the features of the M5 Ultra Carbon Fiber 8000Hz Wireless Gaming Mouse, including its lightweight design, PAW3950MAX sensor, Nordic 52840 chip, and customizable settings.

5.3 Button Functions

The M5 Ultra is equipped with durable switches rated for over 100 million clicks, ensuring reliable performance. All buttons are programmable via the driver software.



Image: Close-up view of the Omron microswitches within the M5 Ultra mouse, emphasizing their 100 million click lifespan and faster response compared to traditional switches.

6. CUSTOMIZATION

The M5 Ultra mouse can be fully customized using the dedicated driver software. This software allows you to:

- Program buttons for specific functions or macros.

- Adjust DPI settings and create custom profiles.
- Modify the polling rate.
- Set lift-off distance.
- Manage other performance settings.

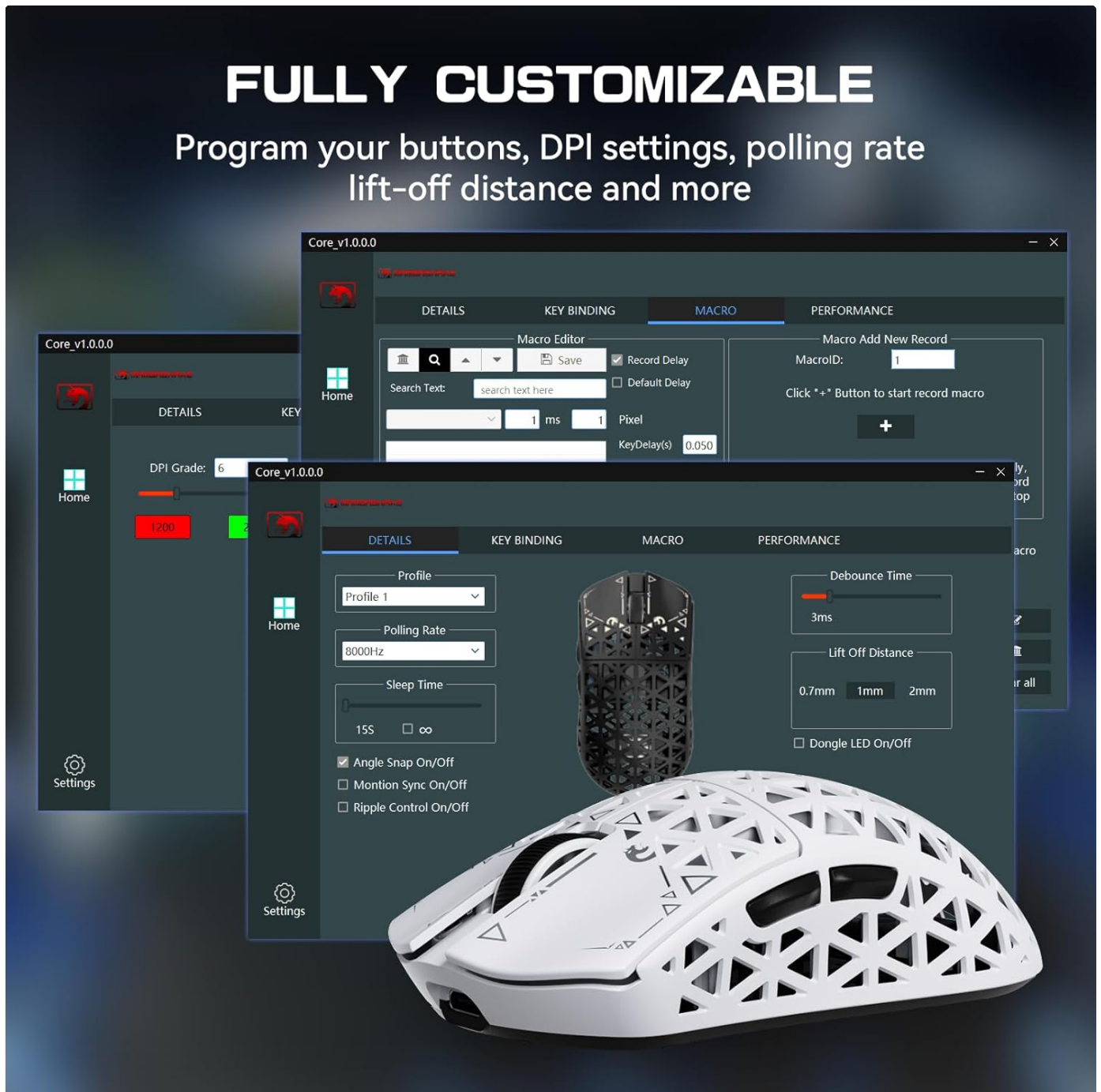


Image: Screenshot of the M5 Ultra's driver software interface, showing options for button programming, DPI settings, polling rate, and lift-off distance adjustments.

The driver software can typically be downloaded from the official MAMBASNAKE website. Some models may feature a web-based driver for direct configuration without installation.

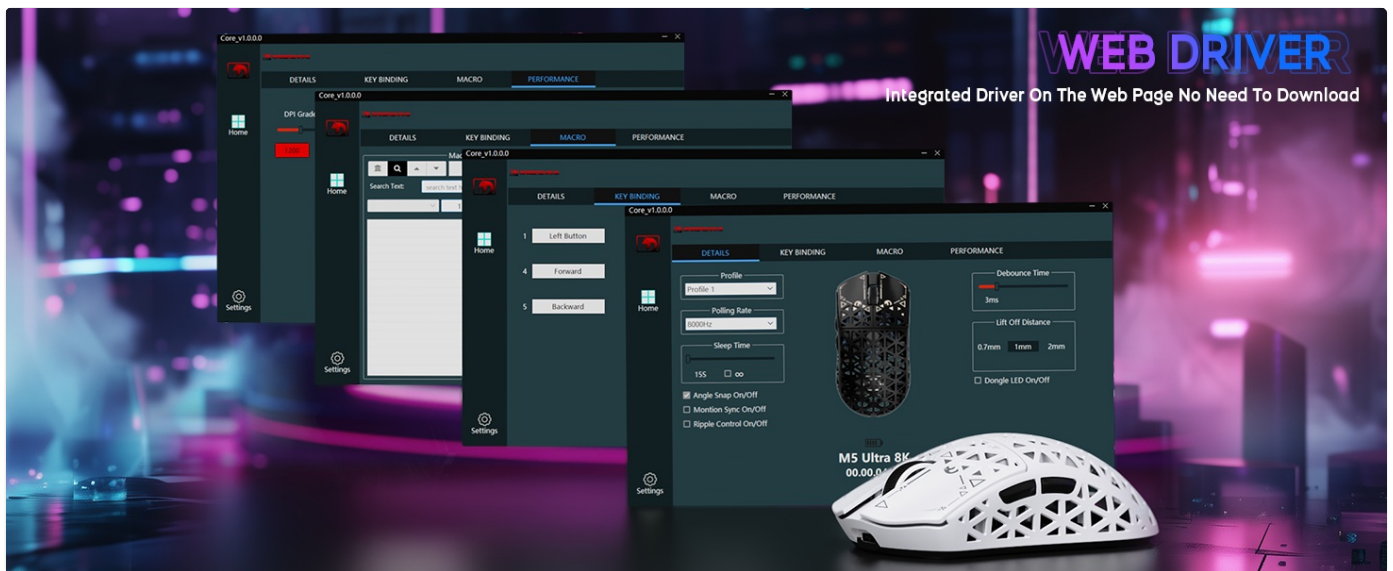


Image: A visual representation of the web-based driver software for the M5 Ultra, demonstrating the ability to configure buttons, DPI, and polling rate settings.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your M5 Ultra mouse.

- **Cleaning:** Use a soft, dry cloth to wipe the mouse surface. For the carbon fiber shell, a slightly damp cloth can be used, ensuring no moisture enters the internal components.
- **Sensor:** Keep the optical sensor on the bottom of the mouse clean and free from dust or debris to maintain tracking accuracy.
- **Storage:** Store the mouse in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or excessive pulling on the USB-C coiled cable to prevent damage.

8. TROUBLESHOOTING

If you encounter issues with your M5 Ultra mouse, refer to the following common solutions:

Problem	Solution
Mouse not responding (Wireless)	◦ Ensure the mouse is charged. ◦ Verify the 2.4G/Wired/BT switch is in the correct position. ◦ Check if the 2.4G receiver is securely plugged into a USB port. ◦ Try pairing again in Bluetooth mode.
Lagging or erratic cursor movement	◦ Clean the optical sensor on the bottom of the mouse. ◦ Ensure the mouse is used on a suitable surface (e.g., a mouse pad). ◦ Reduce interference by moving other wireless devices away from the receiver. ◦ Update mouse drivers via the software.

Problem	Solution
Buttons not functioning	◦ Check button assignments in the driver software. ◦ Ensure the mouse is fully charged. ◦ Try connecting the mouse in wired mode to rule out wireless issues.
Mouse not charging	◦ Verify the USB-C cable is properly connected to both the mouse and the power source. ◦ Try a different USB port or charging adapter. ◦ Inspect the cable for any visible damage.

9. SPECIFICATIONS

Key technical specifications for the MAMBASNAKE M5 Ultra Gaming Mouse:

- **Model:** M5 Ultra
- **Brand:** MAMBASNAKE
- **Weight:** Approximately 39g (±3g)
- **Sensor:** PixArt PAW3950MAX
- **DPI:** Up to 42,000 DPI
- **Polling Rate:** 8000Hz (Wireless)
- **Tracking Speed:** 750 IPS
- **Acceleration:** 50G
- **Connectivity:** 2.4G Wireless, Bluetooth, USB-C Wired
- **Switches:** Omron Microswitches (100 Million Clicks)
- **Chip:** Nordic 52840
- **Cable:** 1.6m TPU Coiled Cable
- **Dimensions:** 61*119.5*36.3mm (2.40*4.70*1.43 inches)
- **Compatible Devices:** PC, Gaming Console, Tablet
- **Operating System:** Windows, macOS, Linux

PAW3950MAX | Nordic52840

50G

ACCELERATION

DPI

42000 MAX

8K Hz

POLLING RATE

750

IPS



Image: The M5 Ultra mouse and its 8000Hz wireless polling rate, illustrating the low latency performance with a measured average key delay of 0.3993ms.

10. WARRANTY AND SUPPORT

The MAMBASNAKE M5 Ultra Gaming Mouse comes with a 1-year limited warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For technical support, warranty claims, or additional information, please visit the official MAMBASNAKE website or contact customer service through the retailer where the product was purchased.

Manufacturer: MAMBASNAKE

