

MCHOSE 8K-Receiver

MCHOSE 8K USB Wireless Receiver Instruction Manual

Model: 8K-Receiver

INTRODUCTION

This manual provides detailed instructions for the MCHOSE 8K USB Wireless Receiver. This device is designed to enhance the performance of compatible MCHOSE wireless mice by enabling an 8000Hz polling rate, resulting in ultra-low latency and precise cursor control.



Image: The MCHOSE 8K USB Wireless Receiver, a compact black device with a USB-C port on one end and a white indicator line on top.

SETUP INSTRUCTIONS

Follow these steps to pair your MCHOSE wireless mouse with the 8K USB Wireless Receiver:

1. Ensure your compatible MCHOSE wireless mouse is powered on and its switch is set to the **[2.4G]** mode.
2. On the mouse, press and hold the **left, middle, and right mouse buttons simultaneously** for approximately 5 seconds. The mouse's indicator light will begin flashing yellow, indicating it is in pairing mode.
3. Connect the Type-C end of the provided data cable into the corresponding port on the 8K receiver.
4. Plug the standard USB end of the data cable into an available USB port on your computer (PC/Mac/Laptop).
5. Bring the mouse close to the receiver. The pairing process is successful when the mouse's indicator light turns off.



Image: The MCHOSE 8K Wireless Receiver connected to a laptop via its USB-C port, with a green indicator light visible.

OPERATING INSTRUCTIONS: POLLING RATE ADJUSTMENT

The MCHOSE 8K USB Wireless Receiver supports adjustable polling rates to optimize performance for various tasks, from office work to competitive gaming.

- **8000Hz Polling Rate:** Provides 8,000 signals per second, significantly reducing latency to 0.125ms for highly

accurate and responsive cursor control. This is ideal for competitive gaming where precision is critical.

- **Smart Polling Rate Adjustment:** You can customize the polling rate settings using the official MCHOSE Driver Software. Available polling rates include 125Hz, 250Hz, 500Hz, 1000Hz, 2000Hz, 4000Hz, and 8000Hz. Adjust the rate to suit your specific usage scenario.

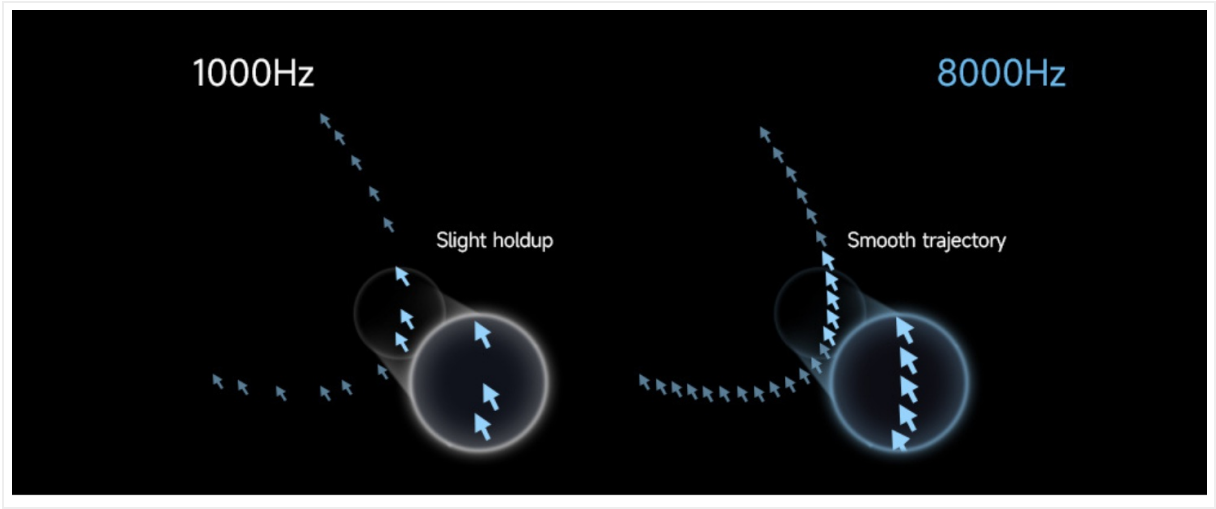


Image: A visual comparison demonstrating the difference between 1000Hz and 8000Hz polling rates. The 1000Hz trajectory shows slight hold-ups, while the 8000Hz trajectory appears smooth and continuous.

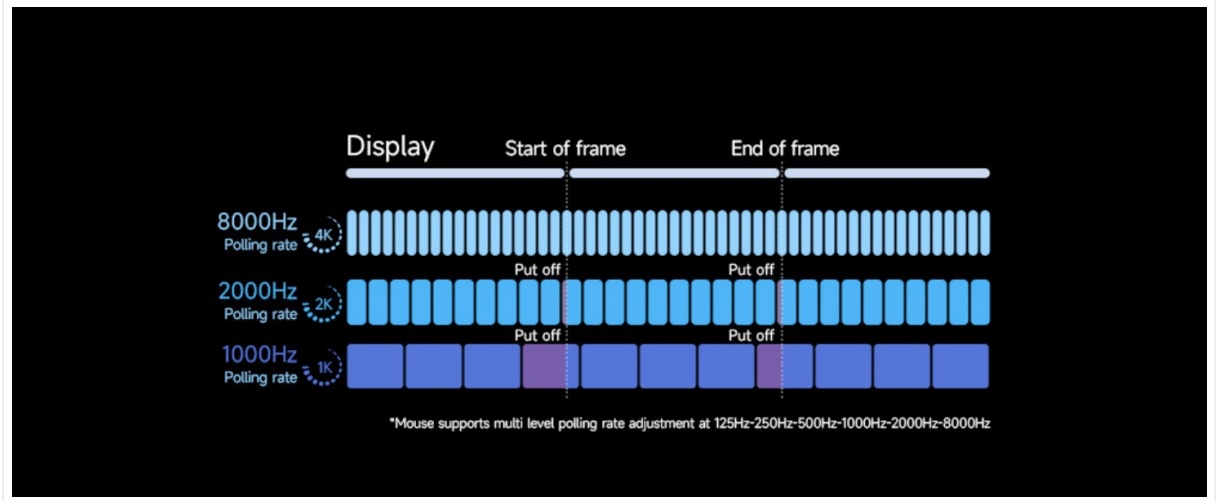


Image: A diagram illustrating how different polling rates (1000Hz, 2000Hz, 8000Hz) affect the timing of mouse input within display frames, showing reduced "put off" time with higher rates.

COMPATIBILITY

The MCHOSE 8K USB Wireless Receiver is compatible with the following MCHOSE wireless mouse models:

- **L7 Series:** L7, L7 Pro, L7 Ultra
- **A7 Series:** A7, A7 Pro
- **M7 Series:** M7, M7 Pro

Note: The A7 Ultra and M7 Ultra models already include an 8K NANO Receiver. Therefore, purchasing this additional 8K receiver is not necessary for those specific models.

SPECIFICATIONS

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature | Detail |
|--------------------------|---|
| Product Dimensions | 1.45 x 0.9 x 0.51 inches (3.68 x 2.29 x 1.3 cm) |
| Item Weight | 9.6 ounces (272 grams) |
| Item Model Number | 8K-Receiver |
| Brand | MCHOSE |
| Hardware Interface | USB 3.0 Type C |
| Color | Black |
| Compatible Devices | Desktop, Game Console, Laptop (with compatible MCHOSE mice) |
| Data Link Protocol | USB |
| Data Transfer Rate (Max) | 8000 Hz |

TROUBLESHOOTING

- Device Not Pairing:**

Ensure the mouse is in 2.4G mode and the pairing sequence (holding left, middle, and right buttons) is performed correctly until the yellow light flashes. Verify the receiver is securely plugged into a functional USB port on your computer. Try a different USB port if necessary.
- Intermittent Connection:**

Ensure the receiver is not obstructed and is within close proximity to the mouse. Avoid placing the receiver near other wireless devices that may cause interference. Update your mouse's firmware and MCHOSE Driver Software to the latest versions.
- Polling Rate Issues:**

Confirm that the MCHOSE Driver Software is installed and updated. Use the software to select your desired polling rate. Some systems or applications may not fully support 8000Hz; try a lower polling rate (e.g., 4000Hz or 1000Hz) to see if the issue resolves.

MAINTENANCE

To ensure optimal performance and longevity of your MCHOSE 8K USB Wireless Receiver:


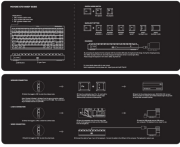

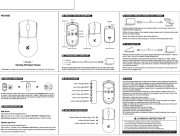


- Keep the receiver clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the receiver to extreme temperatures or humidity.
- Handle the receiver gently to prevent physical damage to the ports or casing.

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official MCHOSE website or contact MCHOSE customer service directly. Details are typically provided with your product packaging or on the manufacturer's website.

[Visit the MCHOSE Store on Amazon](#) for more products and information.

Related Documents - 8K-Receiver

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|---|---|
|  | <p>MCHOSE A7X Ultra Handy Guide: Setup and Connection</p> <p>A concise guide to setting up and connecting the MCHOSE A7X Ultra wireless mouse via wired, 2.4G, and Bluetooth modes. Includes connection diagrams and usage notes.</p> |
|  | <p>MCHOSE G75 Handy Guide: Setup and Features</p> <p>A concise guide to setting up and using the MCHOSE G75 keyboard, covering wireless, 2.4GHz, and wired connections, system modes, and backlight customization.</p> |
|  | <p>MCHOSE K7 Ultra Wireless Mouse User Manual and Setup Guide</p> <p>Comprehensive user manual for the MCHOSE K7 Ultra wireless mouse, covering wired, 2.4G wireless, and magnetic dock charging setup, pairing, and features.</p> |
|  | <p>MCHOSE K7 Ultra Gaming Wireless Mouse: User Guide and Features</p> <p>Explore the MCHOSE K7 Ultra Gaming Wireless Mouse. This guide covers product functions, wired and wireless connectivity options, DPI adjustments, battery status indicators, driver installation, and charging instructions for optimal performance.</p> |
|  | <p>MCHOSE AX5 Gaming Mouse User Manual</p> <p>A comprehensive guide to the MCHOSE AX5 Gaming Mouse, covering its features, connectivity options (2.4GHz, Wireless, Wired), DPI settings, charging instructions, and technical specifications. Learn how to set up and use your gaming mouse for optimal performance.</p> |
|  | <p>MCHOSE G7 Quick Operation Guide - Setup and Connection</p> <p>A concise guide to setting up and connecting the MCHOSE G7 wireless mouse using wired, 2.4G, and wireless modes. Learn about DPI settings and indicator lights.</p> |