Keychron M3M-A5

Keychron M3 Mini 4K Wireless Optical Mouse User Manual

Comprehensive guide for setup, operation, and maintenance of your Keychron M3 Mini 4K Wireless Optical Mouse.

1. PRODUCT OVERVIEW

The Keychron M3 Mini 4K is an ultra-lightweight wireless optical mouse designed for high performance and versatility. It features a PixArt 3395 sensor, offering up to 26,000 DPI and a 4K polling rate for exceptional precision and responsiveness. With multi-mode connectivity (2.4 GHz, Bluetooth 5.1, and wired), it adapts to various computing environments, from gaming to professional work.

Image: The Keychron M3 Mini 4K Wireless Optical Mouse in white, shown alongside its compact 4K wireless receiver.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Keychron M3 Mini 4K Wireless Optical Mouse
- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter
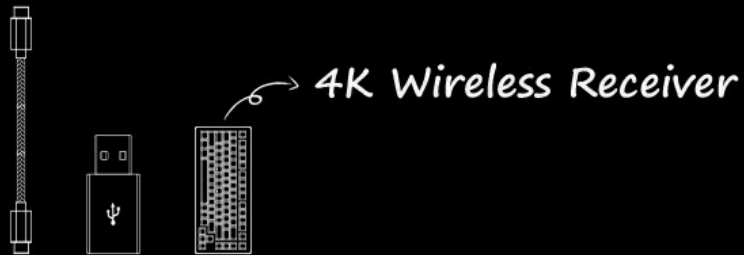- 1x 4K Wireless Receiver

Image: Diagram illustrating the standard package contents for the Keychron M3 Mini 4K mouse, including the mouse, cables, adapter, and 4K wireless receiver.

3. SETUP GUIDE

3.1 Charging the Mouse

Before first use, it is recommended to fully charge the mouse. Connect the provided Type-C cable to the mouse and a USB power source. The LED indicator will show charging status.

3.2 Connectivity Modes

The M3 Mini 4K supports three connectivity modes: 2.4 GHz Wireless, Bluetooth 5.1, and Wired.

2.4 GHz Wireless Mode (Recommended for Gaming)

1. Locate the 4K wireless receiver.
2. Connect the 4K wireless receiver to your PC via the provided Type-C cable and Type-A adapter if necessary.
3. Switch the mode toggle on the bottom of the mouse to the 2.4G position.
4. The mouse should automatically connect to the receiver.

4K Wireless Receiver
The M3 mini 4K comes with
an included 4K wireless receiver.

2.4 GHz Wireless Mode
Switch the mode toggle to 2.4 G and then
connect the receiver to your PC via type-C cable.

Switch Polling Rate

Press the Report Rate button to switch
among 5 levels of polling rate from 125 Hz
to 4000 Hz in the 2.4 GHz mode.

Report rate light indicator	Polling rate / Hz	Available modes
⬤ White	125	2.4G / BT / Wired
⬤ Blue	500	2.4G / Wired
⬤ Red	1000	2.4G / Wired
⬤⬤ Blue + Red	2000	2.4G
⬤⬤ White + Red	4000	2.4G

* Report rate = Polling rate

Image: The 4K wireless receiver connected to a PC via a Type-C cable, enabling high-speed wireless communication for the mouse.

Bluetooth 5.1 Mode

1. Switch the mode toggle on the bottom of the mouse to the BT position.
2. On your computer or device, enable Bluetooth and search for new devices.
3. Select "Keychron M3 Mini" from the list of available devices to pair.

Wired Mode

1. Connect the Type-C cable directly from the mouse to your computer's USB port.
2. The mouse will function as a wired mouse and charge simultaneously.

4. OPERATING INSTRUCTIONS

4.1 DPI Adjustment

The M3 Mini 4K features a dedicated DPI button on the bottom of the mouse, allowing you to cycle through different DPI settings without software. The PixArt 3395 sensor supports up to 26,000 DPI.

4.2 Polling Rate Adjustment

Adjust the polling rate using the dedicated button on the bottom of the mouse. The M3 Mini 4K supports up to a 4000 Hz polling rate in 2.4 GHz mode, providing ultra-fast response times.

Image: Illustration showing the 600 mAh battery capacity, the ultra-lightweight 55g design, and the physical buttons on the mouse's underside for adjusting DPI and polling rate without software.

4.3 Keychron Engine Software Customization

For advanced customization, download the Keychron Engine software (compatible with Windows 11/10 and macOS). This software allows you to:

- Modify key assignments and create shortcuts.
- Set up macros for complex commands.
- Adjust RGB lighting effects (if applicable).
- Fine-tune professional settings such as Lift-Off Distance (LOD), polling rate, and DPI.
- Utilize onboard memory to save your profiles.

Image: Screenshot of the Keychron Engine software interface, demonstrating options for customization and settings for the M3 Mini 4K mouse on both Mac and Windows operating systems.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Keychron M3 Mini 4K mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the mouse surface. For stubborn dirt, slightly dampen the cloth with water or a mild electronic cleaner. Avoid harsh chemicals or abrasive materials.
- **Sensor Care:** Keep the optical sensor on the bottom of the mouse clean and free from dust or debris. Use a cotton swab or compressed air if necessary.
- **Battery Life:** The mouse has a 600 mAh battery, providing up to 135 hours of continuous working time in 1K Polling Rate mode. For best battery health, avoid completely draining the battery frequently and store the mouse in a cool, dry place when not in use for extended periods.
- **Storage:** When transporting or storing the mouse, ensure it is protected from impacts and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Keychron M3 Mini 4K mouse, refer to the following common solutions:

- **Mouse Not Responding:**
  - Ensure the mouse is charged.
  - Check the mode switch on the bottom of the mouse (2.4G, BT, OFF).
  - For 2.4G mode, ensure the receiver is securely plugged into a working USB port. Try a different USB port.
  - For Bluetooth mode, ensure Bluetooth is enabled on your device and the mouse is paired. Try re-pairing.
  - For wired mode, ensure the cable is securely connected to both the mouse and the computer.

- **Lag or Disconnections:**

    - Reduce interference by moving the receiver closer to the mouse or away from other wireless devices.
    - Ensure your computer's drivers are up to date.
    - Check for firmware updates for the mouse via the Keychron Engine software.

- **Inaccurate Tracking:**

    - Clean the optical sensor on the bottom of the mouse.
    - Ensure you are using the mouse on a suitable surface (non-reflective, uniform color).
    - Adjust DPI settings using the button on the bottom of the mouse or via Keychron Engine software.

- **Buttons Not Working:**

    - Check for any physical obstructions.
    - If using Keychron Engine, ensure button assignments are correct and not conflicting.

If problems persist, consult the Keychron official website for further support or contact customer service.

7. SPECIFICATIONS

Feature	Specification
Model Number	M3M-A5
Connectivity Technology	2.4 GHz Wireless, Bluetooth 5.1, Wired (USB Type-C)
Movement Detection Technology	Optical (PixArt 3395 Sensor)
DPI Range	Up to 26,000 DPI
IPS	Up to 650 IPS
Polling Rate	Up to 4000 Hz (in 2.4 GHz mode)
Micro Switches	Huano 80M (80 million clicks lifespan)
Weight	55g (1.94 ounces)
Battery Capacity	600 mAh
Battery Life	Up to 135 hours (in 1K Polling Rate mode)
Dimensions (Package)	7.44 x 5.31 x 2.05 inches
Color	White

8. WARRANTY AND SUPPORT

Keychron products are covered by a limited warranty. For detailed warranty information, terms, and conditions, please refer to the official Keychron website or the warranty card included with your product.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please visit the official

Keychron support page or contact their customer service team. Keep your purchase receipt as proof of purchase for warranty claims.

Official Keychron Website: www.keychron.com