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Keychron M3 Mini 4K

Keychron M3 Mini 4K Wireless Optical Mouse User Manual

Model: M3 Mini 4K | Brand: Keychron

INTRODUCTION

Welcome to the user manual for your Keychron M3 Mini 4K Wireless Optical Mouse. This guide provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your device. The M3 Mini 4K is designed for high-performance and versatility, featuring an ultra-lightweight design, a PixArt 3395 sensor, and multi-mode connectivity (2.4 GHz, Bluetooth 5.1, and wired).



Figure 1: Keychron M3 Mini 4K Mouse and 4K Wireless Receiver.

PACKAGE CONTENTS

Please ensure all items are present in your package:

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

Up To 135 Hours

Housed with a large battery of 600 mAh, the M3 mini provides a long continuous working time of up to 135 hours in 1K Polling Rate mode (4K version).



Super Lightweight at Only 55g

Super light and weighing at only 55 g, it offers just the right amount of lightness, flexibility, and effortlessness to hold in your hand for extended use.



Adjust Without Software

External DPI & polling rate buttons design, you can adjust DPI & polling rate without software



Figure 2: Standard Version Package Contents.

SETUP

Charging the Mouse

Before first use, it is recommended to fully charge the mouse. Connect the included Type-C cable to the mouse and a USB power source. The mouse features a 600 mAh battery, providing up to 135 hours of continuous use in 1K Polling Rate mode.

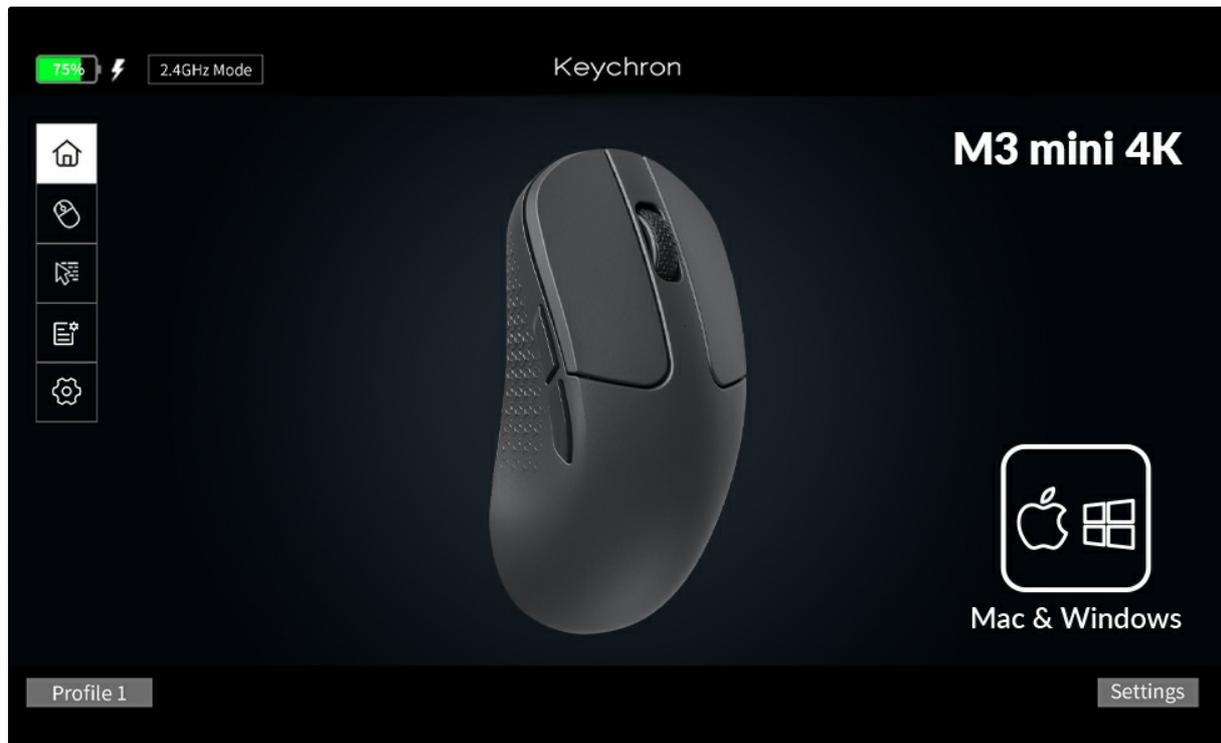


Figure 3: Battery and Lightweight Features.

Connecting the Mouse

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

2.4 GHz Wireless Mode

1. Locate the mode switch on the bottom of the mouse and set it to "2.4G".
2. Insert the 4K Wireless Receiver into an available USB port on your computer. Use the Type-A to Type-C adapter if your computer only has Type-A ports.
3. The mouse should automatically connect.



Figure 4: 2.4 GHz Wireless Setup.

Bluetooth 5.1 Mode

1. Locate the mode switch on the bottom of the mouse and set it to "BT".
2. On your computer, open Bluetooth settings 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.

OPERATING INSTRUCTIONS

DPI Adjustment

The mouse features a dedicated DPI button on its underside for quick sensitivity adjustments without software. The PixArt 3395 sensor supports up to 26,000 DPI.

Competitive Grade Mouse Sensor Chip



PixArt 3395	26,000 DPI	650 IPS	50g
Sensor	Resolution	Max Speed	Acceleration

Figure 5: DPI and Report Rate Adjustment Buttons.

Polling Rate Adjustment

The M3 Mini 4K supports a 4000 Hz polling rate in 2.4 GHz mode. You can switch between different polling rates using the dedicated "Report Rate" button on the underside of the mouse. Indicator lights will show the current polling rate:

- **White:** 125 Hz (2.4G / BT / Wired)
- **Blue:** 500 Hz (2.4G / Wired)
- **Red:** 1000 Hz (2.4G / Wired)
- **Blue + Red:** 2000 Hz (2.4G)
- **White + Red:** 4000 Hz (2.4G)

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

Figure 6: Polling Rate Indicator Guide.

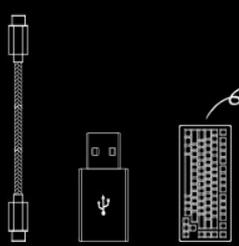
Keychron Engine Software

For advanced customization, including key remapping, macros, RGB lighting effects, and professional settings for LOD (Lift-Off Distance), polling rate, and DPI, download the Keychron Engine software. It is compatible with Windows 11/10 and macOS.

Visit the official Keychron website to download the latest version of the software [Keychron Engine Download](#)

Standard Version

- 1x Mouse
- Cable & Adapter**
 - 1x Type-C to Type-C Cable
 - 1x Type-A to Type-C Adapter
- Receiver**
 - 1x 4K Wireless Receiver



4K Wireless Receiver



Figure 7: Keychron Engine Software Interface.

- **Cleaning:** Use a soft, dry cloth to clean the mouse surface. For stubborn dirt, a slightly damp cloth can be used, but ensure no liquid enters the mouse.
- **Storage:** Store the mouse in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the battery to about 50%.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Mouse not responding (Wireless)	Low battery; Incorrect mode selected; Receiver not connected; Interference.	Charge the mouse; Ensure mode switch is on "2.4G" or "BT"; Re-insert receiver; Move closer to receiver or reduce interference.
Mouse not responding (Bluetooth)	Not paired; Bluetooth off on computer; Low battery.	Re-pair the mouse; Enable Bluetooth on your computer; Charge the mouse.
Cursor erratic or jumpy	Dirty sensor; Unsuitable surface; High interference.	Clean the optical sensor with a soft cloth; Use a mouse pad or suitable surface; Reduce wireless interference.
Buttons not working	Software issue; Physical damage.	Restart your computer; Check Keychron Engine software settings; Contact support if physical damage is suspected.

SPECIFICATIONS

Feature	Detail
Model	Keychron M3 Mini 4K
Connectivity	2.4 GHz Wireless, Bluetooth 5.1, Wired (USB Type-C)
Sensor	PixArt 3395 Optical Sensor
DPI Range	Up to 26,000 DPI
IPS (Inches Per Second)	Up to 650 IPS
Polling Rate	Up to 4000 Hz (2.4 GHz mode)
Switches	Huano 80M Micro Switches (80 million clicks lifespan)
Weight	55g (1.94 ounces)
Battery Capacity	600 mAh
Battery Life	Up to 135 hours (1K Polling Rate mode)

Feature	Detail
Compatibility	Windows, macOS, Linux
Dimensions	7.48 x 5.31 x 2.05 inches (Package Dimensions)

WARRANTY AND SUPPORT

Keychron products come with a limited warranty. For detailed warranty information, technical support, or service inquiries, please visit the official Keychron support website or contact their customer service.

Official Keychron Support: <https://www.keychron.com/pages/contact-us>

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