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Keychron K8M-A3

Keychron K8 Max QMK Wireless Mechanical Keyboard User Manual

Model: K8M-A3

1. INTRODUCTION

This manual provides detailed instructions for the Keychron K8 Max QMK Wireless Mechanical Keyboard. It covers setup, operation, maintenance, troubleshooting, and product specifications to ensure optimal use of your device. The Keychron K8 Max is an 87-key, 80% TKL layout wireless mechanical keyboard supporting 2.4 GHz, Bluetooth 5.1, and USB-C wired connections. It features QMK/VIA programmability, N-Key Rollover (NKRO), and a 4000 mAh battery.



Image 1.1: The Keychron K8 Max QMK Wireless Mechanical Keyboard, showcasing its 80% TKL layout with gray and orange keycaps.

2. PACKAGE CONTENTS

Upon opening the package, ensure all the following items are present:

- Keychron K8 Max Mechanical Keyboard

- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller
- User Manual

3. SETUP

3.1 Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a power source (e.g., computer USB port or wall adapter). The charging indicator will show the charging status.

3.2 Operating System Switch

Locate the OS switch on the side or back of the keyboard. Toggle it to the appropriate position for your operating system (Windows or macOS).

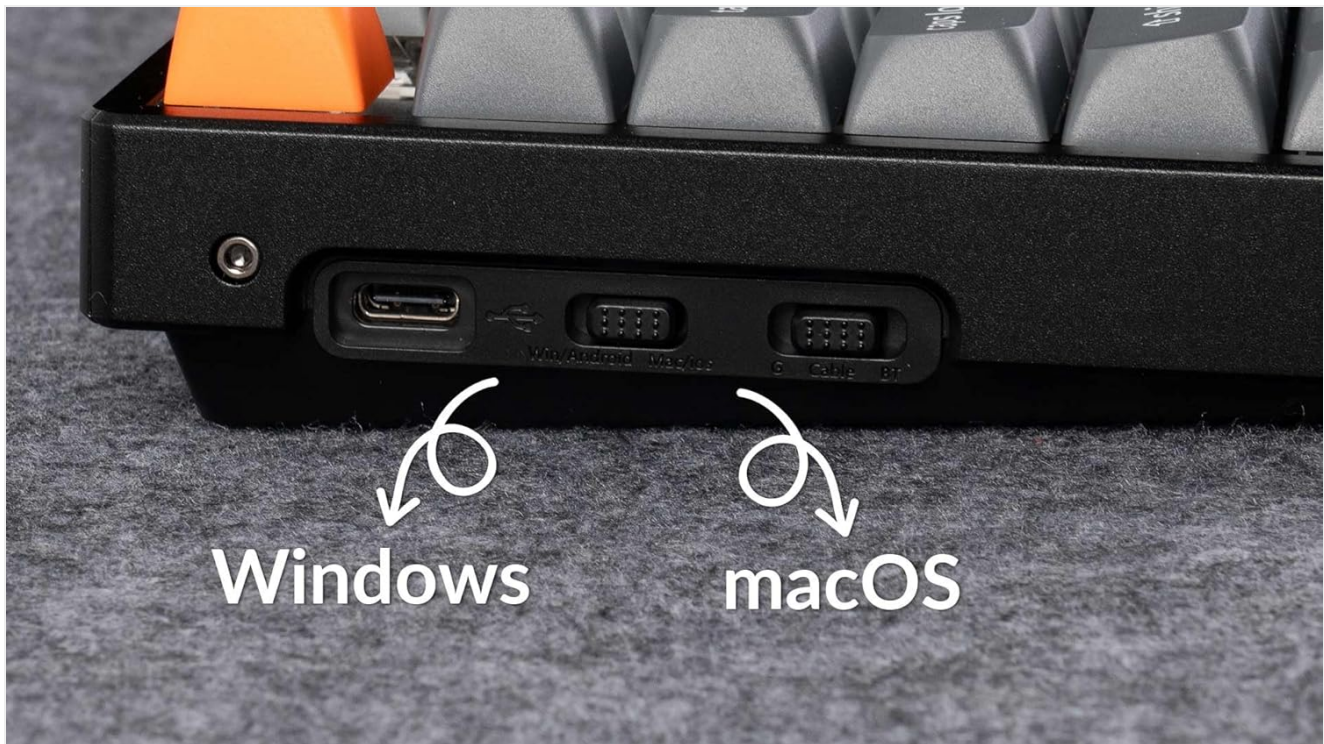


Image 3.1: Close-up view of the Keychron K8 Max's side, showing the USB-C port and the toggle switch for Windows and macOS operating systems.

3.3 Connectivity Modes

The K8 Max supports three connection types:

- **2.4 GHz Wireless:** For high-performance gaming with a 1000 Hz polling rate. Insert the 2.4 GHz receiver into your computer's USB port.
- **Bluetooth 5.1:** For connecting to up to three devices simultaneously (computer, phone, tablet).
- **USB-C Wired:** Connect the keyboard directly to your computer using the USB-C cable.

3.4 Adjustable Feet

The keyboard features adjustable feet to set the typing angle to 7 or 10 degrees for ergonomic comfort.



Image 3.2: Side view of the Keychron K8 Max, illustrating the two adjustable angles (7 and 10 degrees) provided by the keyboard's feet.

4. OPERATING INSTRUCTIONS

4.1 Switching Between Connectivity Modes

Use the mode switch on the keyboard to select between 2.4 GHz, Bluetooth, or wired USB-C connection.

4.2 Bluetooth Pairing

1. Switch the keyboard to Bluetooth mode.
2. Press and hold the 'Fn' key and '1' (or '2', '3') for 4 seconds until the indicator light flashes, indicating pairing

mode.

3. On your device, search for 'Keychron K8 Max' in the Bluetooth settings and connect.

4.3 QMK/VIA Customization

The K8 Max supports QMK firmware, allowing for extensive customization of key remapping, macros, and shortcuts. Use the Keychron Launcher web app to easily configure these settings.

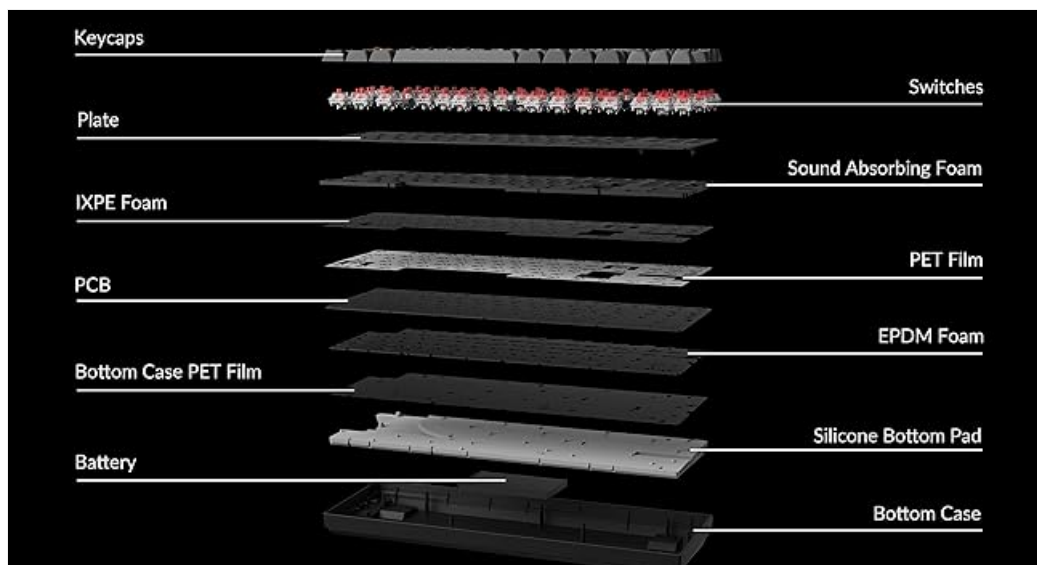


Image 4.1: Screenshot of the Keychron Launcher web application, demonstrating the graphical interface for customizing key assignments and macros on the keyboard.

4.4 N-Key Rollover (NKRO)

The keyboard features N-Key Rollover (NKRO) in both wireless and wired modes, ensuring that every keypress is registered accurately, even when multiple keys are pressed simultaneously.

4.5 Backlight Control

The keyboard is equipped with a white backlight. Use the designated function keys (usually Fn + light icon key) to adjust brightness or toggle backlight effects.

5. MAINTENANCE

5.1 Cleaning

To clean the keyboard, disconnect it from all power sources. Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. For keycaps, a keycap puller can be used to remove them for deeper cleaning. Avoid spraying liquids directly onto the keyboard.

5.2 Hot-Swappable Switches

The Keychron K8 Max features hot-swappable switches, allowing you to change switches without soldering. Use the provided switch puller to carefully remove and replace switches.



Image 5.1: Close-up view of the Keychron K8 Max keyboard with several keycaps removed, revealing the hot-swappable mechanical switches underneath.

6. TROUBLESHOOTING

6.1 Keyboard Not Responding

- Ensure the keyboard is charged.
- Check the connection mode switch (2.4 GHz, Bluetooth, or USB-C).
- For Bluetooth, ensure it is paired correctly and within range. Try re-pairing.
- For 2.4 GHz, ensure the receiver is properly inserted and the keyboard is in 2.4 GHz mode.
- Try connecting via USB-C cable to rule out wireless issues.

6.2 Connectivity Issues

- **Bluetooth:** Remove the keyboard from your device's Bluetooth list and attempt to re-pair. Ensure no other devices are interfering.
- **2.4 GHz:** Try a different USB port for the receiver. Ensure the keyboard is not too far from the receiver.

6.3 Keys Not Working

- If individual keys are not working, check if the switches are properly seated. Since the keyboard is hot-swappable, a switch might be loose.
- Consider replacing the switch if it is faulty.

7. SPECIFICATIONS

Feature	Detail
Model Name	K8M-A3
Layout	80% TKL, 87-key
Connectivity	2.4 GHz Wireless, Bluetooth 5.1, USB-C Wired
Compatible Devices	PC, Mac
Switches	Keychron Super Brown Switch (Hot-Swappable)

Keycaps	OSA Profile Double-shot PBT
Battery	4000 mAh Lithium Ion
Backlight	White
N-Key Rollover (NKRO)	Supported in both wireless and wired modes
Programmability	QMK/VIA (Keychron Launcher web app)
Material	Aluminum
Item Weight	3.61 pounds
Package Dimensions	16.85 x 6.54 x 2.2 inches

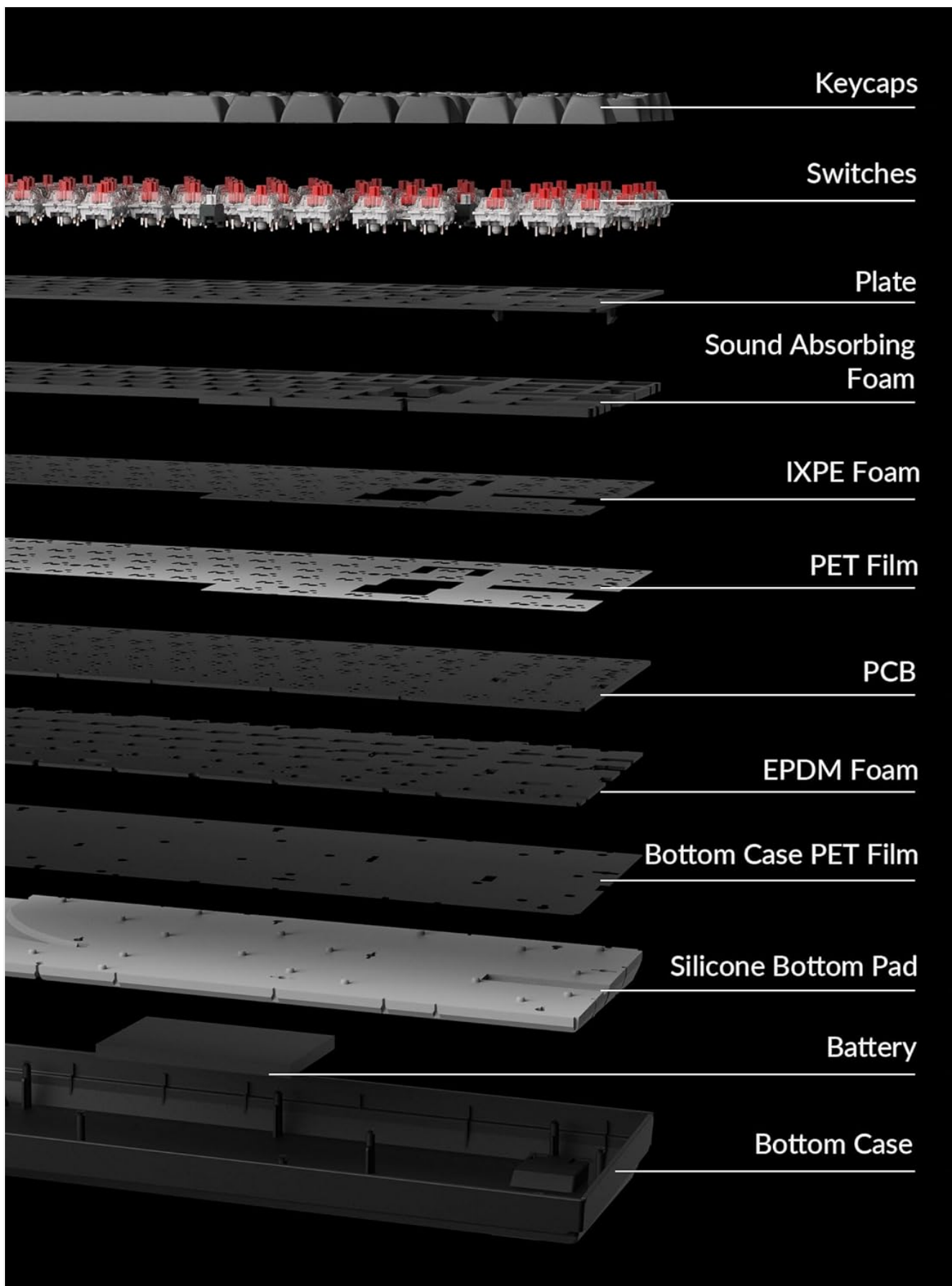


Image 7.1: An exploded diagram illustrating the internal layers and components of the Keychron K8 Max keyboard, from keycaps to the bottom case.

8. WARRANTY AND SUPPORT

8.1 Limited Warranty

Keychron products typically come with a limited warranty covering manufacturing defects. Please refer to the official Keychron website or your purchase documentation for specific warranty terms and duration.

8.2 Returns Policy







This product is eligible for returns within 30 days of purchase, subject to the retailer's return policy.

8.3 Customer Support

For further assistance, technical support, or warranty claims, please visit the official Keychron website at www.keychron.com or contact their customer service directly.



Related Documents - K8M-A3

	<p>Keychron Q3 Knob Version Quick Start Guide</p> <p>A quick start guide for the Keychron Q3 Knob Version mechanical keyboard, covering system switching, VIA software usage, layers, backlighting, warranty, and factory reset.</p>
	<p>Keychron K8 Max Quick Start Guide</p> <p>A quick start guide for the Keychron K8 Max TKL Mechanical Keyboard, covering 2.4GHz and Bluetooth connectivity, cable connection, backlight adjustments, key remapping, layers, and factory reset.</p>
	<p>Keychron K8 Max Wireless Mechanical Keyboard: Setup and User Guide</p> <p>A comprehensive guide to setting up and using the Keychron K8 Max wireless mechanical keyboard. Learn about 2.4GHz, Bluetooth, and wired connections, customizing backlights, remapping keys with QMK, and troubleshooting common issues.</p>
	<p>Keychron K17 Max Troubleshooting Guide: Bluetooth, Key Issues, and Typing Errors</p> <p>Find solutions for common issues with your Keychron K17 Max mechanical keyboard, including Bluetooth connectivity problems, unresponsive keys, typing lag, and low-profile design adjustments. This guide provides troubleshooting steps for Mac and Windows users.</p>
	<p>Keychron K1 Pro Bluetooth Mechanical Keyboard User Manual and Guide</p> <p>Comprehensive guide for the Keychron K1 Pro Bluetooth Mechanical Keyboard, covering setup, features, VIA software, layers, backlight control, troubleshooting, and specifications. Learn how to connect, customize, and maintain your keyboard.</p>
	<p>Keychron K8 Pro TKL Mechanical Keyboard User Guide</p> <p>A comprehensive guide to the Keychron K8 Pro, a TKL mechanical keyboard. Learn how to connect, customize with VIA software, adjust backlighting, and troubleshoot.</p>