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› Keychron K3 Max QMK/VIA Custom Ultra-Slim Wireless Mechanical Keyboard User Manual

Keychron K3M-B2

Keychron K3 Max QMK/VIA Custom Ultra-Slim Wireless Mechanical Keyboard User Manual

Model: K3M-B2 | Brand: Keychron

INTRODUCTION

This manual provides comprehensive instructions for the Keychron K3 Max QMK/VIA Custom Ultra-Slim Wireless Mechanical Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The K3 Max is designed for versatility and performance, offering a compact 75% layout with advanced customization options and multi-device connectivity.

KEY FEATURES

- **Ultrathin Design:** Features a 31% slimmer profile than conventional mechanical keyboards, with an aluminum frame and premium PBT keycaps for enhanced comfort and durability.
- **QMK & VIA Programmability:** Allows for full customization of keys and macro commands across macOS, Windows, and Linux systems. Simply connect and remap using the VIA software.
- **3-Mode Connection:** Supports 2.4 GHz wireless (1000 Hz polling rate for gaming), Bluetooth 5.1 (for up to three devices), and wired USB-C connectivity.
- **Low Profile Gateron Switches:** Redesigned switches offer a shorter pre-travel and total travel distance for faster input and feedback.
- **RGB Backlighting & Double-shot PBT Keycaps:** Charming RGB backlight with elegant keycap legends for typing in dim environments, and durable PBT material with excellent oil resistance.
- **Acoustic Foam & Latex Foam:** Incorporates IXPE acoustic foam for quieter typing and elastic latex foam for superior key switch support and responsiveness.

SETUP GUIDE

Package Contents

Before you begin, ensure all components are present:

- Keychron K3 Max Keyboard
- USB-C to USB-A Cable
- Keycap Puller

- Switch Puller (if hot-swappable version)
- Additional Keycaps (for Windows layout)

Initial Connection

The Keychron K3 Max offers three connection modes: 2.4 GHz wireless, Bluetooth, and wired USB-C.



Image: The Keychron K3 Max keyboard highlighting its 3-mode connection capabilities, including 2.4GHz, Bluetooth, and wired options.



Image: A close-up view of the physical switches on the side of the Keychron K3 Max, used to select between G/Cable/BT and Win/Android Mac/iOS modes.

1. **Wired Connection:** Connect the provided USB-C cable from the keyboard to your computer's USB port. The keyboard will automatically switch to wired mode.
2. **2.4 GHz Wireless Connection:**
 - Locate the 2.4 GHz receiver (USB dongle) usually found in a slot on the keyboard or in the packaging.
 - Plug the receiver into an available USB port on your computer.
 - Toggle the keyboard's mode switch to "2.4G" or "Wireless" (refer to the switch labels on your specific model). The keyboard should connect automatically.
3. **Bluetooth Connection:**
 - Toggle the keyboard's mode switch to "BT" or "Bluetooth".
 - On your device (computer, tablet, phone), go to Bluetooth settings and enable Bluetooth.
 - Search for new devices. The keyboard should appear as "Keychron K3 Max" or similar.
 - Select the keyboard to pair. You may be prompted to enter a code on the keyboard and press Enter.
 - The K3 Max can connect to up to three Bluetooth devices. Use the Fn + 1/2/3 keys to switch between paired devices.

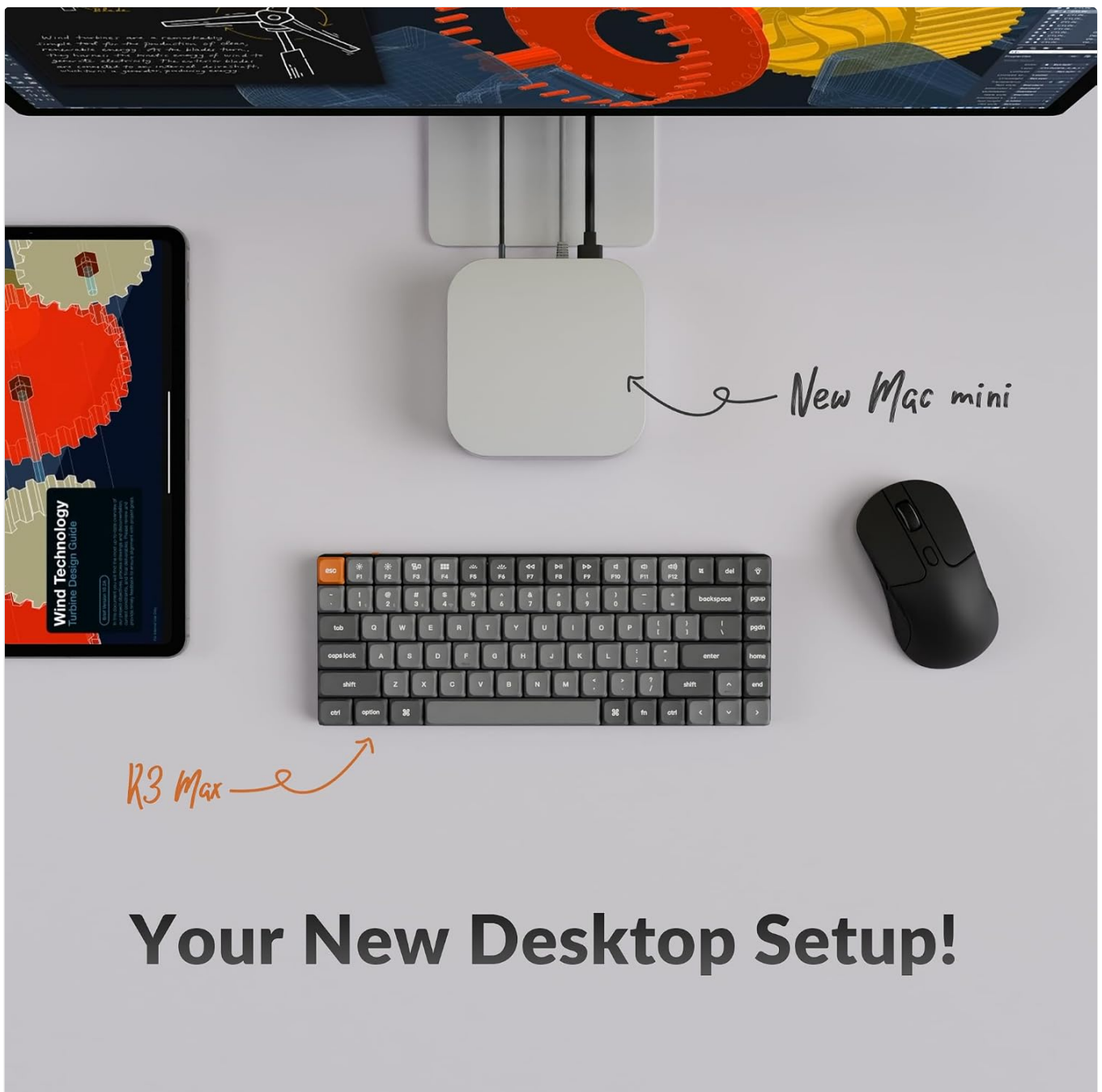


Image: The Keychron K3 Max keyboard integrated into a desktop setup, demonstrating its compact size and compatibility with a Mac

mini and external mouse.



Image: The Keychron K3 Max keyboard on a clean desk, emphasizing its compatibility with both Windows and macOS operating systems.

OPERATING INSTRUCTIONS

QMK & VIA Customization

The K3 Max supports QMK/VIA for advanced key remapping and macro programming. This allows for a highly personalized typing experience.

Program with QMK & VIA



QMK/VIA means endless possibilities for a fluid workflow. Thanks to our engineering team, it's the first time in history that a wireless mechanical keyboard has these kinds of capabilities right out of the box.

Simply connect the K5 Pro to your device with a cable, drag and drop your favorite keys or macro commands to remap any key you want on any system (macOS, Windows, or Linux).



Image: A visual representation of the VIA software interface, demonstrating how users can remap keys and program macros on the Keychron K3 Max keyboard.

1. Download the VIA software from the official Keychron website.
2. Connect your K3 Max keyboard to your computer via USB-C cable.
3. Launch the VIA software. The software should automatically detect your keyboard.
4. Use the graphical interface to drag and drop functions to desired keys, create macros, and customize lighting effects.
5. Changes are applied in real-time to the keyboard.

RGB Backlight Settings

The K3 Max features vibrant RGB backlighting with multiple effects and static color options.

Redesigned Stabilizers

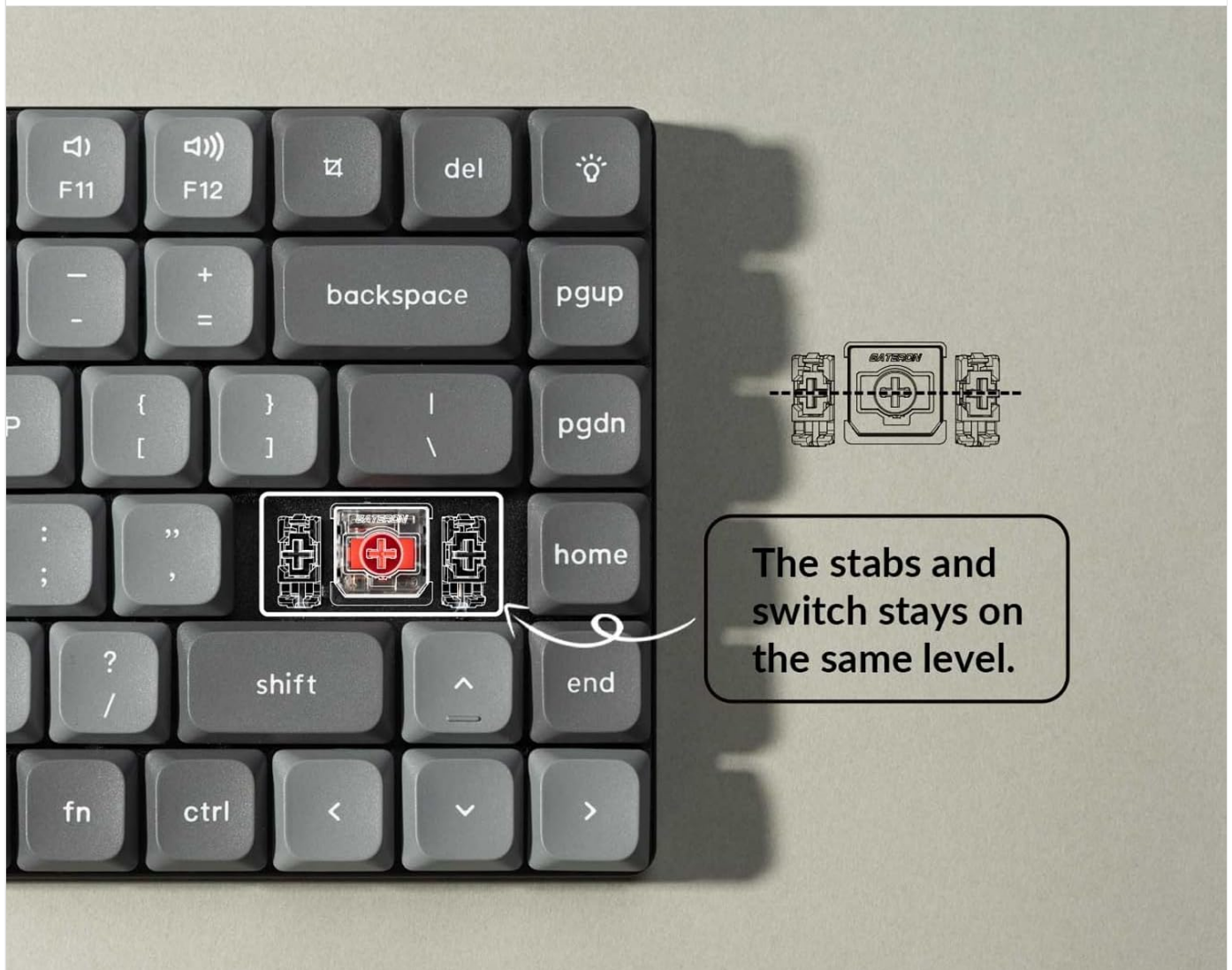


Image: The Keychron K3 Max keyboard illuminated with various RGB backlight colors, showcasing its customizable lighting features.

- **Changing Light Effects:** Use the dedicated backlight key (often marked with a lightbulb icon or Fn + Light key) to cycle through different RGB effects.
- **Adjusting Brightness:** Use Fn + F5 (brightness down) and Fn + F6 (brightness up) to adjust the backlight intensity.
- **Changing Colors:** Some effects allow for color changes using specific key combinations (refer to VIA software for full control).

Ergonomic Adjustments

The keyboard is designed with ergonomic support, offering adjustable typing angles.



Image: A side profile view of the Keychron K3 Max keyboard, illustrating its three levels of adjustable typing angle for ergonomic comfort. Utilize the flip-out feet on the underside of the keyboard to select your preferred typing angle for maximum comfort during extended use.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, use a can of compressed air to remove dust and debris from between keycaps.
- **Keycap Removal:** Use the provided keycap puller to carefully remove keycaps for cleaning or replacement. Pull straight up to avoid damaging the switch.
- **Switch Care:** If your keyboard is hot-swappable, use the switch puller to remove switches. Handle with care to avoid bending pins.
- **Battery Care:** To prolong battery life, avoid fully discharging the keyboard frequently. Charge it when the battery indicator is low.

TROUBLESHOOTING

Problem	Possible Solution
Keyboard not responding (wired)	Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
Keyboard not connecting (2.4 GHz)	Ensure the 2.4 GHz receiver is plugged in and the keyboard switch is set to 2.4G mode. Try re-pairing by unplugging and replugging the receiver.
Keyboard not connecting (Bluetooth)	Ensure Bluetooth is enabled on your device and the keyboard switch is set to BT mode. Forget the device in your Bluetooth settings and re-pair. Ensure the keyboard is charged.
Keys not registering or double-typing	Clean under the keycaps with compressed air. If hot-swappable, try reseating the switch or replacing it.
Backlight not working	Ensure the keyboard is charged. Try cycling through backlight modes and adjusting brightness. Check VIA software for lighting settings.
QMK/VIA software not detecting keyboard	Ensure the keyboard is connected via USB-C cable. Close and reopen the VIA software. Restart your computer.

SPECIFICATIONS

- **Model:** K3M-B2
- **Layout:** 75% (84-Key QWERTY)
- **Connectivity:** 2.4 GHz Wireless, Bluetooth 5.1, USB-C Wired
- **Polling Rate (2.4 GHz):** 1000 Hz
- **Switches:** Low Profile Gateron Mechanical (Blue Switch variant)
- **Keycaps:** Double-shot PBT
- **Backlight:** RGB (22 types of settings)
- **Frame Material:** Aluminum
- **Acoustic Features:** IXPE Acoustic Foam, Elastic Latex Foam
- **Battery:** 1 Lithium Polymer battery (included)
- **Item Weight:** 1.8 pounds
- **Package Dimensions:** 13 x 6.25 x 1.5 inches
- **Compatible Devices:** Gaming Console, PC (Mac, Windows, Linux)

OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official overview of the Keychron Ultra-Slim Keyboard, highlighting its features and design. This video demonstrates the product's key functionalities and aesthetic.

WARRANTY AND SUPPORT

Keychron products are designed for durability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official Keychron website. For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Keychron customer service through their official channels. You can find more information and support resources on the [Keychron Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question