

## Keychron K5M-H1

# Keychron K5 Max Ultra-Slim Wireless Custom Mechanical Keyboard

## USER MANUAL

### 1. Introduction

The Keychron K5 Max is an advanced ultra-slim wireless mechanical keyboard designed for versatility and performance. It offers triple-mode connectivity, including 2.4 GHz wireless, Bluetooth 5.1, and Type-C wired options, ensuring seamless integration with various devices. Featuring QMK/VIA programmability, hot-swappable low-profile Gateron mechanical switches, and PBT keycaps, the K5 Max provides a customizable and efficient typing experience for macOS, Windows, and Linux users.

### 2. Setup

#### 2.1 Package Contents

- Keychron K5 Max Mechanical Keyboard
- USB Type-C Cable
- Keycap Puller
- Switch Puller
- User Manual

#### 2.2 Connectivity Modes

The K5 Max supports three connection modes: 2.4 GHz wireless, Bluetooth, and wired USB Type-C. Use the mode switch located on the top edge of the keyboard to select your desired connection type.



The Keychron K5 Max supports 2.4 GHz wireless, Bluetooth, and wired USB-C connections for versatile use.



Detail of the G/Cable/BT and Win/Android Mac/iOS switches on the Keychron K5 Max.

### 2.2.1 2.4 GHz Wireless Connection

1. Flip the mode switch to '2.4G'.
2. Plug the 2.4 GHz receiver into your device's USB port.
3. The keyboard will automatically connect. The polling rate in this mode is 1000 Hz.

### 2.2.2 Bluetooth Connection

1. Flip the mode switch to 'BT'.
2. Press and hold 'Fn + 1' (or 'Fn + 2' / 'Fn + 3') for 4 seconds until the '1' key (or '2' / '3') flashes rapidly, indicating pairing mode.
3. On your device, search for 'Keychron K5 Max' in the Bluetooth settings and connect.
4. You can connect up to 3 devices and switch between them using 'Fn + 1/2/3'.

### 2.2.3 Wired Connection

1. Flip the mode switch to 'Cable'.
2. Connect the keyboard to your device using the provided USB Type-C cable.
3. The keyboard will function as a wired device and charge simultaneously. The polling rate in this mode is 1000 Hz.

## 2.3 System Compatibility

The K5 Max is compatible with macOS, Windows, and Linux operating systems. Use the OS switch located next to the connectivity mode switch to select the correct layout for your system.



The Keychron K5 Max is suitable for both Mac and Windows operating systems, with a dedicated switch for layout adjustment.

## 3. Operating Instructions

### 3.1 Keyboard Layout

The K5 Max features a 100% full-size layout with 104 keys, including a dedicated number pad, providing a complete typing experience in an ultra-slim form factor.



The Keychron K5 Max features a 108-key full-size layout, including a number pad.

### 3.2 QMK/VIA Programmability

The K5 Max is fully QMK/VIA programmable, allowing you to remap keys, create macros, and customize lighting effects. Connect the keyboard via USB-C to your computer and use the VIA software to access its full customization potential. VIA is compatible with macOS, Windows, and Linux.

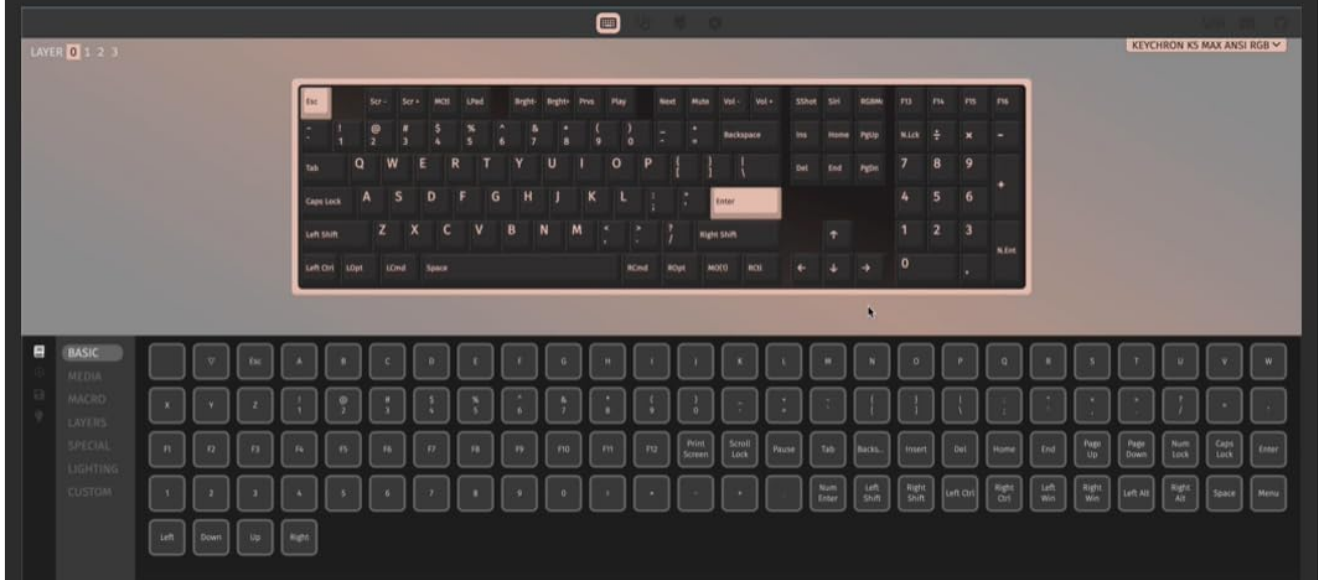




## Program with QMK & VIA.

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 Max 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).



Program your Keychron K5 Max with QMK and VIA software for custom key assignments and macros.

### 3.3 RGB Backlight Control

The keyboard features dynamic RGB backlighting. Use the dedicated backlight key (usually 'Fn + Lightbulb icon' or similar) to cycle through various lighting effects and colors. Brightness can typically be adjusted with 'Fn + F5' (decrease) and 'Fn + F6' (increase).

### 3.4 Hot-Swappable Switches

The K5 Max is equipped with hot-swappable low-profile Gateron mechanical switches, allowing you to easily change switches without soldering. This enables customization of your typing feel.

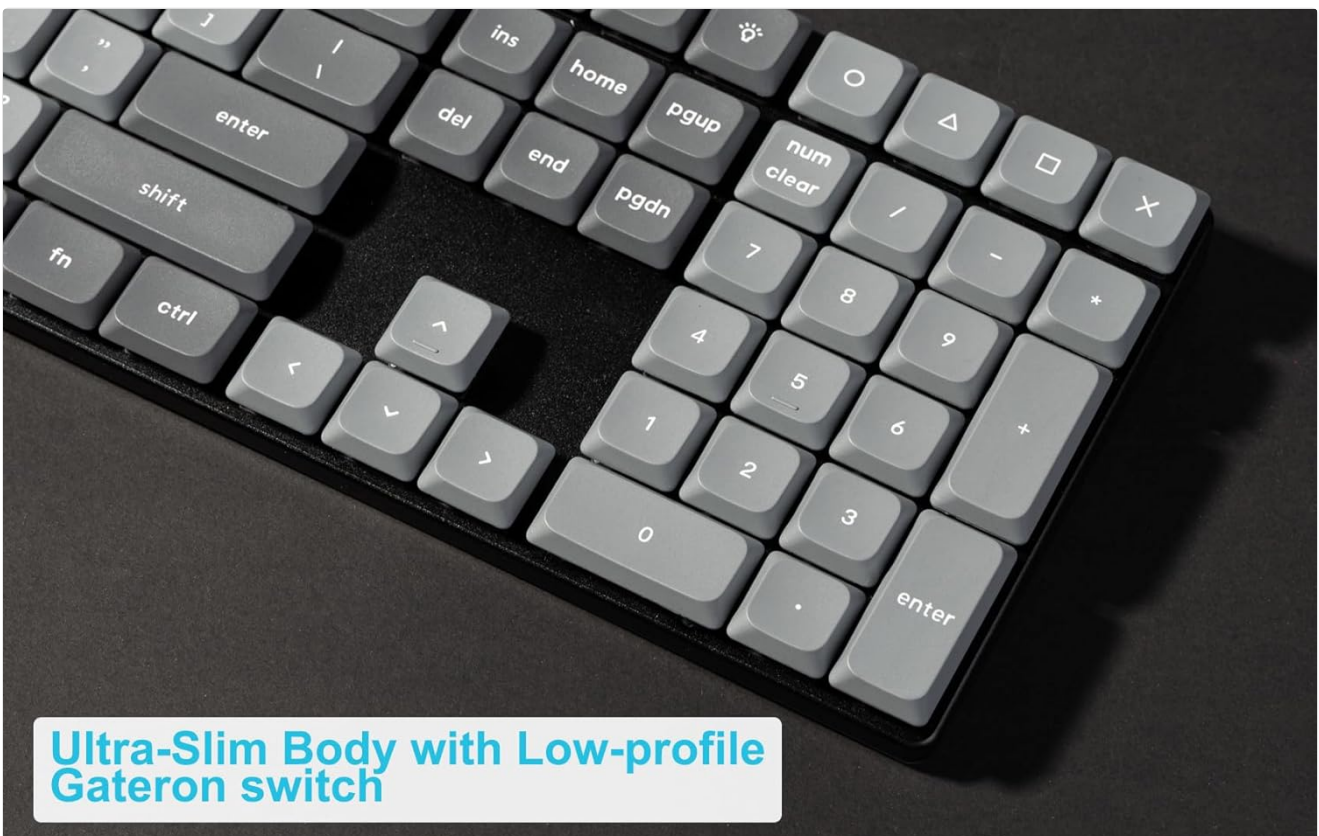
# Hot-swappable



The Keychron K5 Max features hot-swappable switches, allowing for easy customization of your typing experience.



The Keychron K5 Max features low-profile Gateron Red switches, designed for a responsive and quiet keystroke.



**Ultra-Slim Body with Low-profile  
Gateron switch**

The ultra-slim body of the Keychron K5 Max is designed with low-profile Gateron switches for a compact and comfortable typing experience.

## 4. Maintenance



### 4.1 Cleaning the Keyboard

- Disconnect the keyboard from all power sources.
- Use a can of compressed air to remove dust and debris from between the keycaps.
- For stubborn dirt, gently wipe the keycaps and keyboard surface with a slightly damp, lint-free cloth. Avoid excessive moisture.
- Do not use harsh chemicals or abrasive materials.

### 4.2 Replacing Switches and Keycaps

Thanks to the hot-swappable design, you can easily replace switches and keycaps. Use the provided keycap puller to remove keycaps and the switch puller to remove switches. Ensure the new switch pins align correctly before pressing them into place.

## 5. Troubleshooting

### 5.1 Connectivity Issues

- **2.4 GHz / Bluetooth Not Connecting:** Ensure the mode switch is set correctly. For Bluetooth, confirm the keyboard is in pairing mode (key flashing). Try re-pairing. Ensure the 2.4 GHz receiver is securely plugged in.
- **Intermittent Connection:** Check for interference from other wireless devices. Ensure the keyboard is within range of your device.
- **Wired Connection Not Working:** Try a different USB port or cable. Ensure the mode switch is set to 'Cable'.

### 5.2 Keys Not Responding / Incorrect Input

- **Specific Key Not Working:** If the keyboard is hot-swappable, try removing and re-inserting the switch for that key. Ensure the switch pins are not bent.
- **Incorrect Key Output:** Verify the OS switch is set to the correct operating system (Mac/Win/Android/iOS). If you have remapped keys using QMK/VIA, check your custom layout in the software.
- **Firmware Update:** Check the Keychron official website for the latest firmware updates for your K5 Max model. Firmware updates can resolve various performance and functionality issues.

### 5.3 Backlight Issues

- **Backlight Not Turning On:** Ensure the keyboard is charged. Adjust brightness levels using the designated function keys.
- **Inconsistent Lighting:** This might indicate a software issue; try resetting the keyboard or updating firmware.

## 6. Specifications

Brand	Keychron
Model Number	K5M-H1



Connectivity Technology	2.4 GHz Wireless, Bluetooth 5.1, USB Type-C Wired
Keyboard Description	Mechanical
Switch Type	Low Profile Gateron Mechanical (Red Switch variant)
Number of Keys	104
Backlighting	RGB
Polling Rate	1000 Hz (2.4 GHz & Wired modes)
Programmability	QMK/VIA
Hot-Swappable	Yes
Keycap Material	PBT
Compatible Devices	Mac, Windows, Linux (via Bluetooth or 2.4 GHz wireless connection)
Item Weight	2.7 pounds
Package Dimensions	17.48 x 6.42 x 1.93 inches
Batteries	1 Lithium Ion battery (included)

## 7. Warranty and Support

For detailed warranty information, please refer to the official Keychron website or the warranty card included with your product. Keychron provides customer support for product inquiries, technical assistance, and troubleshooting.

**Official Website:** [www.keychron.com](http://www.keychron.com)

Please visit the website for the latest drivers, firmware, and support resources.