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Keychron K2 Pro

Keychron K2 Pro QMK/VIA Wireless Mechanical Keyboard User Manual

Model: K2 Pro

1. PRODUCT OVERVIEW

The Keychron K2 Pro is a QMK/VIA wireless mechanical keyboard designed for versatility and customization. It features a 75% layout, hot-swappable switches, RGB backlighting, and compatibility with macOS, Windows, and Linux operating systems. This manual provides instructions for its proper use and maintenance.



Image 1.1: The Keychron K2 Pro QMK/VIA Wireless Mechanical Keyboard, showcasing its 75% layout with black, grey, and red keycaps.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x Fully Assembled Keychron K2 Pro Keyboard
- 1x PCB (Pre-installed)
- 1x Steel Plate (Pre-installed)
- 1x Sound Absorbing Foam (Pre-installed)
- 1x Silicone Bottom Pad (Pre-installed)
- 4 Sets of PCB Screw-In Stabilizers (Pre-installed)
- 1 Set of Double-Shot PBT Keycaps (Pre-installed)
- 1 Set of Keychron K Pro Switches (Pre-installed)
- 1x USB Type-A to Type-C Cable
- 1x Switch Puller Tool
- 1x Keycap Puller Tool
- 1x Screwdriver

K2 Pro - Fully Assembled Version

Keyboard

1x Fully Assembled Keyboard

Including

1x PCB

1x Steel Plate

1x Sound Absorbing Foam

1x Silicone Bottom Pad

4 Sets of Stabilizers (PCB Screw-In)

1 Set of Keycaps (Double-Shot PBT)

1 Set of Switches (Keychron K Pro)



Cable

1x Type-A to Type-C Cable

Tools

1x Switch Puller

1x Keycap Puller

1x Screwdriver

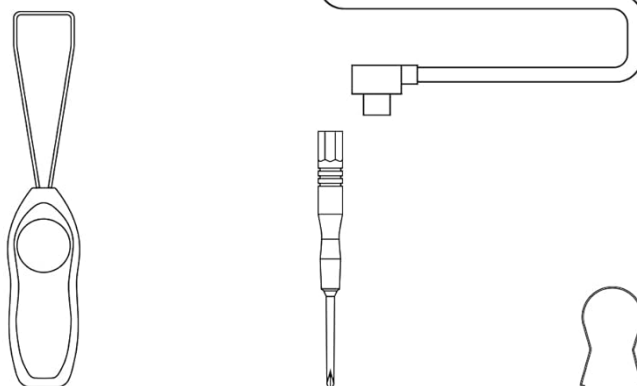


Image 2.1: Diagram illustrating the components included with the Keychron K2 Pro, such as the keyboard, USB cable, switch puller, keycap puller, and screwdriver.

3. SETUP INSTRUCTIONS

3.1 Connecting the Keyboard

The K2 Pro supports both wireless Bluetooth and wired USB Type-C connections.

3.1.1 Bluetooth Connection

1. Ensure the keyboard's mode switch (located on the side) is set to 'BT' (Bluetooth).
2. On your device (laptop, phone, tablet), enable Bluetooth and search for available devices.
3. Select 'Keychron K2 Pro' from the list.
4. The keyboard can connect to up to 3 devices. Use the 'Fn' + '1', 'Fn' + '2', or 'Fn' + '3' key combinations to switch between paired devices.

3.1.2 Wired Connection

1. Ensure the keyboard's mode switch is set to 'Cable'.
2. Connect the provided USB Type-A to Type-C cable from your computer to the keyboard's USB-C port.
3. The keyboard will be recognized automatically by your operating system.

3.2 Operating System Switch

The keyboard has a switch to select between macOS and Windows/Linux layouts. Adjust this switch according to your operating system for correct key functionality.

3.3 Adjustable Typing Angle

The K2 Pro features two sets of adjustable feet, allowing for three different typing angles (5°, 9.2°, and 12°) to enhance ergonomic comfort.



Screw-In PCB Stabilizers

The Keychron K2 Pro also supports third-party screw-in PCB stabilizers.

Ergonomic Support

Three levels of adjustable typing angle (5°, 9.2° & 12°).



Image 3.1: Close-up view of the keyboard's screw-in PCB stabilizers and the adjustable feet, demonstrating the ergonomic support options.

4. OPERATING INSTRUCTIONS

4.1 QMK/VIA Customization

The K2 Pro supports QMK firmware and VIA software, allowing for comprehensive key remapping, macro programming, and layer customization. Connect the keyboard via USB to your computer and use the VIA software to configure settings. The software is compatible with macOS, Windows, and Linux.

Hot-swappable

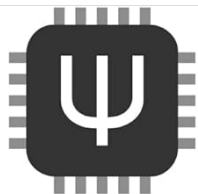
You can hot-swap every switch on the K2 Pro with almost all of the 3pin and 5pin MX style mechanical switches on the market (including Cherry, Gateron, Kailh, Panda, etc.) without soldering.



Image 4.1: Screenshot of the VIA software interface, showing options for key remapping and macro programming for the Keychron K2 Pro.

4.2 Hot-Swappable Switches

The K2 Pro features hot-swappable sockets, enabling users to change switches without soldering. It supports most 3-pin and 5-pin MX-style mechanical switches (e.g., Cherry, Gateron, Kailh). Use the included switch puller tool to carefully remove and insert switches.



Program with QMK & VIA

QMK/VIA means endless possibilities for a fluid workflow. Thanks to our engineering team, a wireless mechanical keyboard can have these capabilities right out of the box.

Simply connect the K2 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).

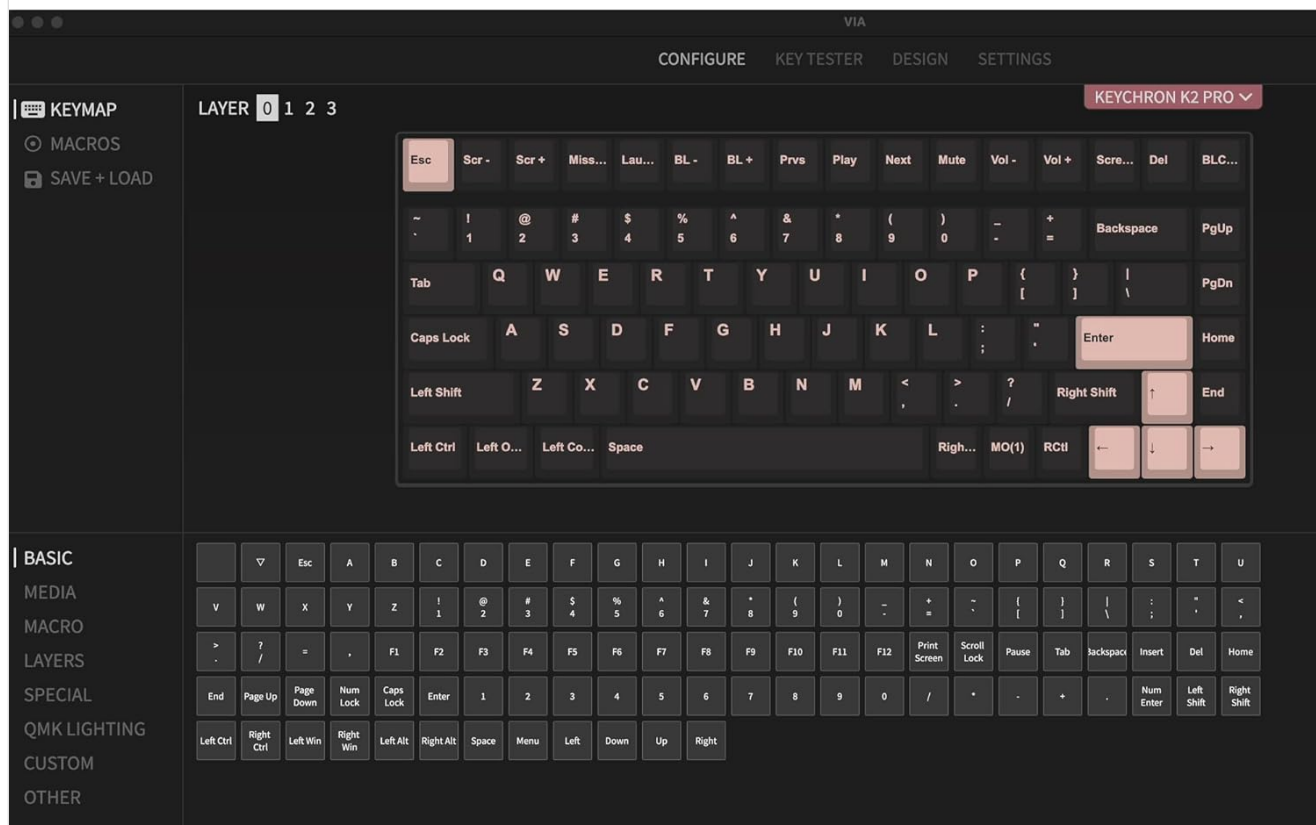


Image 4.2: Close-up view of different colored hot-swappable mechanical switches installed and removed from the keyboard PCB.

4.3 RGB Backlighting

The keyboard is equipped with south-facing RGB LEDs, offering over 22 types of backlight settings. These LEDs are positioned to better illuminate the keycaps from the typist's perspective. Use the dedicated backlight keys or key combinations to cycle through lighting effects and adjust brightness.

South-facing RGB Lights



Image 4.3: Detail of the south-facing RGB lights illuminating the switches and keycaps from below.

4.4 Keycaps

The K2 Pro comes with OSA profile (OEM profile with spherical-angle) double-shot PBT keycaps. PBT material provides excellent oil resistance and durability for long-term use, while the double-shot manufacturing process ensures legends do not fade.

OSA Profile Double-shot PBT Keycaps



Image 4.4: Close-up of the OSA profile double-shot PBT keycaps, highlighting their texture and legend clarity.

5. MAINTENANCE

5.1 Cleaning

To clean your keyboard, first disconnect it from your computer. Use a soft brush or compressed air to remove dust and debris from between the keycaps. For stubborn dirt, gently wipe the keycaps with a damp cloth and mild soap solution, ensuring no liquid enters the keyboard's internal components. Allow the keyboard to dry completely before reconnecting.

5.2 Switch Replacement

Due to the hot-swappable design, individual switches can be replaced if they become faulty or if you wish to change typing feel. Use the provided switch puller to carefully extract the switch. Align the pins of the new switch with the sockets on the PCB and press firmly until it clicks into place. Ensure the switch pins are not bent during insertion.

6. TROUBLESHOOTING

- **Keyboard Not Responding:** Ensure the keyboard is properly connected via USB or Bluetooth. Check the mode switch (Cable/BT) is set correctly. For Bluetooth, ensure it's paired and selected on your device. Try restarting the keyboard and your device.
- **Specific Keys Not Working:** If a particular key is unresponsive, it may indicate a faulty switch. Due to the hot-swappable design, you can replace the individual switch. Carefully remove the keycap and then the switch using the provided tools, and insert a new one.
- **Bluetooth Connectivity Issues:** If the keyboard fails to connect via Bluetooth, try unpairing and re-pairing the device. Ensure no other devices are interfering with the Bluetooth signal. Charge the keyboard fully, as low battery can affect wireless performance.
- **QMK/VIA Software Issues:** Ensure the keyboard is connected via USB when using VIA. Download the latest version of the VIA software and the correct JSON definition file for the K2 Pro from the Keychron website.
- **Backlight Not Working:** Check the backlight control keys on the keyboard to ensure it's not turned off or set to the lowest brightness.

7. SPECIFICATIONS

Product Dimensions	15.35 x 6.3 x 2.09 inches
Item Weight	2.64 pounds
Manufacturer	Keychron
Model Number	Keychron K2P-H3
ASIN	B09MQ37NKF
Batteries	1 Lithium Polymer battery (included)
Compatible Devices	Laptop, Tablet
Connectivity Technology	Bluetooth & USB Type-C
Recommended Use	Office
Special Feature	Backlit (RGB)
Keycap Material	Polybutylene Terephthalate (PBT)
Adjustable Typing Angles	5°, 9.2°, 12°

8. WARRANTY INFORMATION

For detailed warranty information regarding your Keychron K2 Pro keyboard, please refer to the official Keychron website or contact their customer support directly. Warranty terms and conditions may vary by region and purchase location.

9. CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please visit the official Keychron website for support resources, FAQs, and contact information:

[Visit the Keychron Store on Amazon](#)

