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## Keychron K10P-A1

# Keychron K10 Pro QMK/VIA Custom Wireless Mechanical Keyboard User Manual

Model: K10P-A1

## PRODUCT OVERVIEW

The Keychron K10 Pro is a full-size (100% layout) custom wireless mechanical keyboard designed for versatility and performance. It features QMK/VIA support for extensive key remapping, dual wireless (Bluetooth 5.1) and wired (USB-C) connectivity, and a durable construction with pre-lubricated Keychron K Pro switches. This manual provides essential information for setting up, operating, and maintaining your K10 Pro keyboard.



Image: The Keychron K10 Pro keyboard, showcasing its full-size layout and design.

## Key Features:

- **QMK/VIA Support:** Fully programmable keys for custom layouts, macros, and shortcuts.
- **Dual Connectivity:** Seamless switching between Bluetooth 5.1 (up to 3 devices) and USB-C wired mode.
- **Pre-lubed Keychron K Pro Switches:** Ensures a smooth and consistent typing experience.
- **Enhanced Typing Experience:** Features sound-absorbing foam, a silicone bottom pad, and a steel plate for improved acoustics and feel.
- **White Backlight:** Offers 14 types of white backlight effects.

- **Ergonomic Design:** Three levels of adjustable typing angles (5°, 9.2°, and 12°).
- **Durable Keycaps:** Double-shot PBT keycaps for longevity and resistance to shine.

## SETUP GUIDE

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### Package Contents:

Before you begin, ensure all components are present:

- 1 Keychron K10 Pro Mechanical Keyboard
- 1 ABS Case
- 1 Hot-swap PCB
- 1 Steel Plate
- 1 Sound Absorbing Foam
- 1 Silicone Bottom Pad
- 7 Sets 2U Screw-In Stabilizers
- 1 Set 6.25U Screw-In Stabilizers
- 1 Type-A to Type-C Cable

### Initial Charging:

Connect the keyboard to a power source using the provided USB-C cable. The battery indicator will show charging status. A full charge can last up to 100 hours with the lowest backlight brightness.



Image: The Keychron K10 Pro keyboard highlighting its 4000mAh battery capacity.

### Operating System Switch:

Locate the OS switch on the side of the keyboard. Slide it to the appropriate position for your operating system (macOS or Windows/Linux). This ensures correct key mapping for your system.

## Switch layouts between mac OS & Windows



Image: Close-up of the keyboard's side switch for macOS and Windows/Linux compatibility.

### Connectivity Modes:

The K10 Pro supports both wireless Bluetooth and wired USB-C connections.

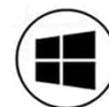
- **Bluetooth Mode:** Slide the mode switch to 'BT'. Press and hold 'Fn + 1' (or 'Fn + 2'/'Fn + 3') for 4 seconds to enter pairing mode. The key will flash rapidly. Search for 'Keychron K10 Pro' on your device and connect.
- **Wired Mode:** Slide the mode switch to 'Cable'. Connect the USB-C cable from the keyboard to your computer. The keyboard will automatically switch to wired mode.



# Suitable for Mac & Windows



Mac



Windows

Image: The Keychron K10 Pro keyboard shown with both Mac and Windows operating systems, indicating broad compatibility.

## OPERATING INSTRUCTIONS

### Key Remapping with QMK/VIA:

The K10 Pro is fully programmable with QMK and VIA software. To remap keys or create macros:

1. Download the VIA software from the Keychron official website.
2. Connect the K10 Pro to your device using the USB-C cable (wired mode is required for remapping).
3. Open the VIA software. The software should automatically detect your keyboard.
4. Drag and drop desired keys or macro commands to remap any key. Changes are saved directly to the keyboard's firmware and will work in both wired and wireless modes.



## 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 K10 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).

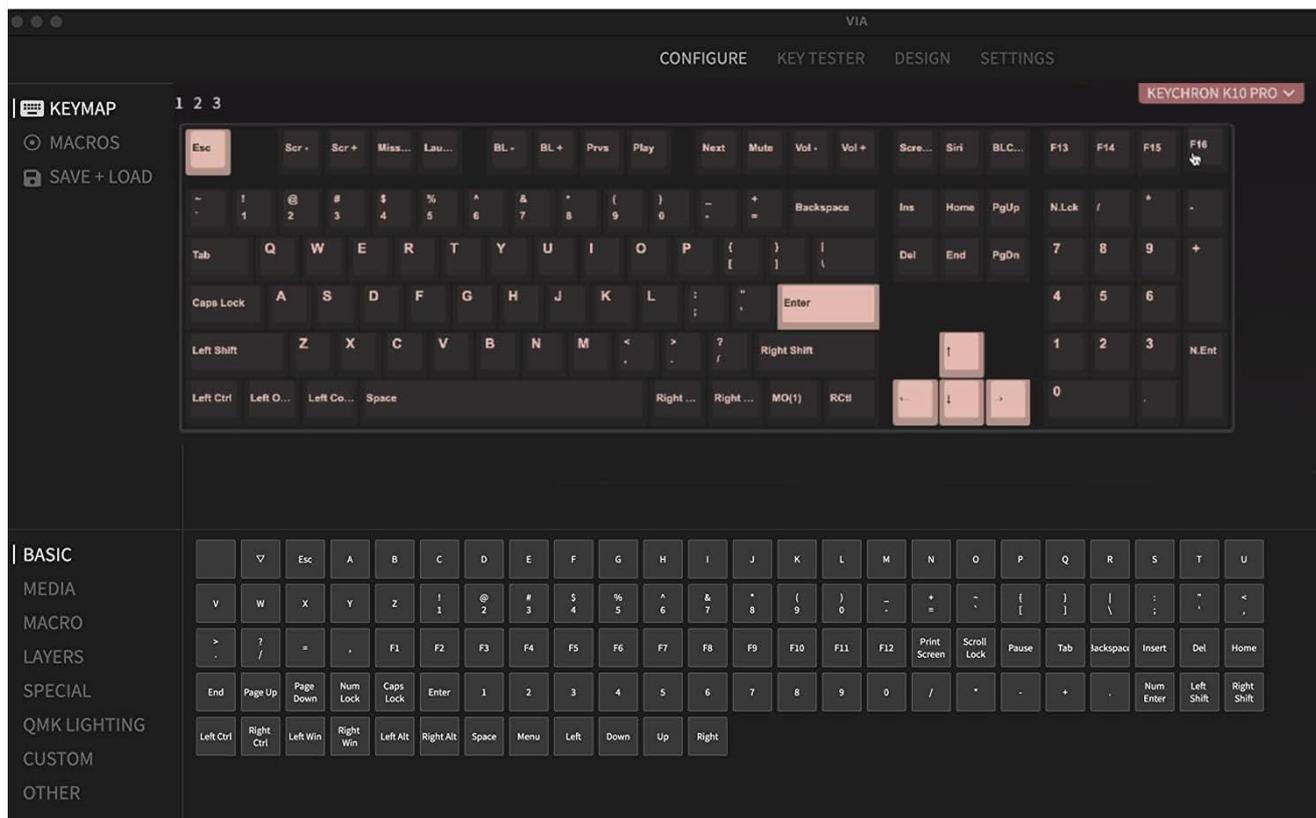


Image: A screenshot of the VIA software interface, demonstrating its drag-and-drop functionality for key customization.

### Backlight Control:

The K10 Pro features 14 types of white backlight effects. Use the dedicated backlight key (usually located near the function row) or a combination of 'Fn' and other keys (refer to the keyboard's keycap legends) to cycle through effects and adjust brightness.

# 14 types of White backlight



Image: A close-up view of the keyboard's switches illuminated by the white backlight.

## Adjustable Typing Angle:

The keyboard features two-stage adjustable feet, allowing for three different typing angles: 5°, 9.2°, and 12°. Adjust the feet to find your preferred ergonomic position.



Image: A detailed view of the keyboard's adjustable feet, illustrating the different height settings.

## MAINTENANCE

## Cleaning the Keyboard:

To maintain optimal performance and appearance, regularly clean your keyboard:

- Disconnect the keyboard from your computer.
- Use a can of compressed air to remove dust and debris from between the keycaps.
- Wipe the keycaps and case with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- For deeper cleaning, keycaps can be removed using a keycap puller.

## Keycap and Switch Replacement:

The K10 Pro features hot-swappable switches, allowing you to change switches without soldering. The double-shot PBT keycaps are also durable and can be replaced if desired.

- **Removing Keycaps:** Use a keycap puller to gently lift keycaps straight up.
- **Removing Switches:** Use a switch puller to carefully remove the switch from the PCB. Ensure the keyboard is disconnected before attempting this.
- **Installing Switches/Keycaps:** Align the new switch/keycap with the socket/stem and press down gently until it clicks into place.



Image: A close-up view of the mechanical switches, showing their construction and hot-swappable nature.



Image: A detailed shot of the double-shot PBT keycaps, highlighting their texture and durability.

## TROUBLESHOOTING

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### Connectivity Issues:

- **Bluetooth not connecting:** Ensure the keyboard is in Bluetooth mode and in pairing mode (Fn + 1/2/3 for 4 seconds). Check your device's Bluetooth settings and try re-pairing.
- **Wired connection not working:** Ensure the mode switch is set to 'Cable' and the USB-C cable is securely connected to both the keyboard and your computer. Try a different USB port or cable.

## Key Remapping Not Applying:

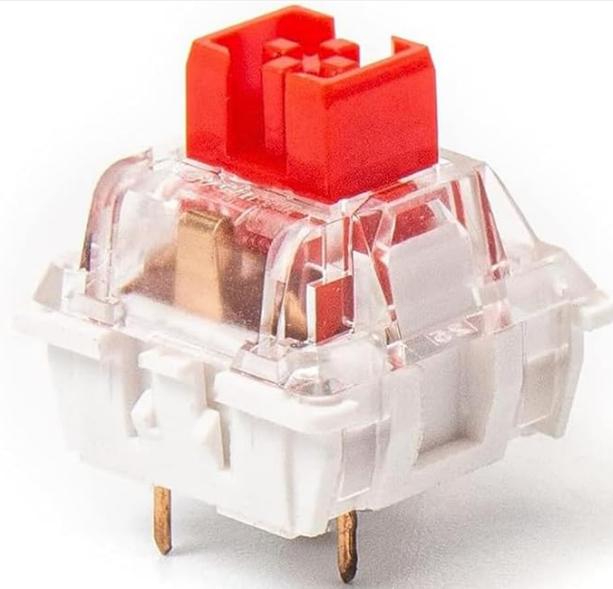
- Remember that key remapping via VIA software requires the keyboard to be connected in **wired mode** during the remapping process. Once remapped, the changes will apply to both wired and wireless modes.
- Ensure you have the correct firmware and VIA JSON file loaded for your specific K10 Pro model.

## Backlight Not Working:

- Check if the backlight is simply turned off or set to the lowest brightness. Use the backlight control keys to adjust.
- Ensure the keyboard battery has sufficient charge.

## SPECIFICATIONS

<b>Model Number</b>	K10P-A1
<b>Layout</b>	100% Full Size (108 Keys)
<b>Connectivity</b>	Bluetooth 5.1 (Wireless), USB-C (Wired)
<b>Switches</b>	Keychron K Pro Red (Linear), Hot-swappable
<b>Keycaps</b>	Double-shot PBT
<b>Backlight</b>	White LED (14 types)
<b>Battery</b>	4000 mAh Lithium Ion (up to 100 hours with lowest brightness)
<b>Compatible OS</b>	macOS, Windows, Linux
<b>Item Weight</b>	3.72 pounds
<b>Package Dimensions</b>	18.58 x 7.44 x 2.13 inches



## KEYCHRON K PRO RED SWITCH (LINEAR)

**45 ±10 gf**

**Operating Force**

**2 ±0.4 mm**

**Pre-travel**

**4 ±0.4 mm**

**Travel Distance**

Image: Detailed specifications for the Keychron K Pro Red (Linear) switch, including operating force, pre-travel, and total travel distance.

### WARRANTY AND SUPPORT

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For warranty information, technical support, and frequently asked questions, please visit the official Keychron website. You can also find updated drivers and VIA software downloads there.

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