

## Keychron K1 Pro

# Keychron K1 Pro QMK/VIA Ultra-Slim Wireless Mechanical Keyboard User Manual

Model: K1 Pro (Keychron K1PA1)

Brand: Keychron

## 1. SETUP

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### 1.1 Package Contents

Before you begin, please ensure all items are present in the package:

- 1x Fully Assembled Keychron K1 Pro Keyboard
- 1x USB Type-A to Type-C Cable
- 1x Keycap Puller
- Additional Keycaps for Windows/macOS (LSA profile, Double-Shot PBT)

# 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: Keychron K1 Pro keyboard with its accessories, including the USB-C cable, keycap puller, and alternative keycaps.

## 1.2 Initial Connection and Charging

The Keychron K1 Pro supports both wired and wireless connectivity.

1. **Wired Connection:** Connect the provided USB Type-A to Type-C cable from your computer to the keyboard's USB-C port. The keyboard will automatically switch to wired mode and begin charging.
2. **Wireless (Bluetooth) Connection:**
  - Locate the toggle switches on the side of the keyboard.
  - Set the connection mode switch to 'Bluetooth'.
  - On your device (computer, tablet, phone), enable Bluetooth and search for new devices.
  - Select 'Keychron K1 Pro' from the list of available devices to pair. The keyboard can connect to up to 3 devices wirelessly.



Image: Side view of the Keychron K1 Pro, highlighting the physical switches for connection mode (Bluetooth, Off, Cable) and operating system layout (Windows/Android, Mac/iOS).

### 1.3 Operating System Mode Selection

The K1 Pro is compatible with Mac, Windows, Linux, Android, and iOS devices. Use the OS mode switch located on the side of the keyboard to select the appropriate layout for your operating system.

- **Mac/iOS Mode:** For Apple devices.
- **Win/Android Mode:** For Windows, Linux, and Android devices.

This switch adjusts the key mapping to match the standard layout of your chosen operating system.

## 2. OPERATING INSTRUCTIONS

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### 2.1 Basic Typing and Ergonomics

The K1 Pro features an 80% TKL layout with low-profile Gateron Red switches and LSA profile double-shot PBT keycaps. The ultra-slim design and three levels of adjustable typing angle provide ergonomic support for comfortable long-term use.

# Ultra-Slim



Conventional  
Switch



Gateron Low-Profile  
2.0 Mechanical Switch

Image: Side profile of the Keychron K1 Pro keyboard, illustrating its ultra-slim form factor and the adjustable feet for varying typing angles.

## 2.2 Backlight Control

The keyboard features a White LED backlight with over 14 types of settings. You can adjust the saturation, brightness, and effect speed directly from the keyboard.

- Refer to the keyboard's function keys for specific backlight control shortcuts (e.g., Fn + Light key for changing effects, Fn + Arrow keys for brightness/speed).

# White LED Backlight



Image: Close-up view of the Keychron K1 Pro keyboard, showing the white LED backlight illuminating the keys.

## 2.3 Multi-Device Switching

The K1 Pro can connect to up to 3 devices wirelessly via Bluetooth 5.1. Switch between paired devices seamlessly:

- Use the designated function key combinations (e.g., Fn + 1, Fn + 2, Fn + 3) to switch between your paired Bluetooth devices.



# Connects the K1 Pro with up to 3 devices wirelessly



Image: The Keychron K1 Pro keyboard positioned on a desk, wirelessly connected and interacting with a laptop, a tablet, and a smartphone, demonstrating its multi-device capability.

## 2.4 QMK/VIA Customization

The Keychron K1 Pro is QMK/VIA enabled, allowing for extensive customization of key mappings, macros, and lighting effects. This feature provides flexibility to tailor the keyboard to your specific workflow.

1. **Download VIA Software:** Obtain the VIA software from the official Keychron website or the VIA project website.
2. **Connect Keyboard:** Connect your K1 Pro to your computer using the USB Type-C cable.
3. **Customize:** Use the VIA software to remap keys, create macros, and adjust lighting settings across different layers. Changes are applied in real-time.

# Ultra-Slim



Image: A screenshot of the VIA software interface, displaying the graphical layout of the Keychron K1 Pro keyboard and options for remapping keys and configuring layers.

## 3. MAINTENANCE

### 3.1 Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's performance and appearance.

- **Dust and Debris:** Use a can of compressed air to remove dust and small debris from between the keycaps.
- **Keycap Cleaning:** The double-shot PBT keycaps are oil-resistant. For deeper cleaning, gently remove keycaps using the provided keycap puller and wipe them with a damp cloth and mild soap solution. Ensure keycaps are completely dry before reattaching.
- **Surface Cleaning:** Wipe the keyboard's aluminum body with a soft, dry, or slightly damp cloth. Avoid harsh chemicals.

### 3.2 Keycap and Switch Replacement

The K1 Pro features hot-swappable Gateron low-profile switches, allowing for easy replacement without soldering.

- **Keycap Removal:** Use the keycap puller to carefully remove keycaps by pulling straight up.
- **Switch Removal:** Use a switch puller (not included, but commonly available) to gently pry out the switch. Ensure the switch is pulled straight to avoid bending the pins.
- **Switch Installation:** Align the new low-profile Gateron switch with the holes on the PCB and press down firmly until it clicks into place. Ensure the pins are straight before insertion.
- **Keycap Installation:** Align the keycap with the switch stem and press down gently until it is secure.

## Redesigned Stabilizers

We've redesigned the stabilizers to make it stay on the level the same way as the switch while making sure it still delivers reliability and less wobble on the big keys like the space bar, left Shift, backspace, and Enter key.



## Ergonomic Support

Three levels of adjustable typing angle aim to provide long - lasting ergonomic wrist support.

Image: A detailed close-up of the redesigned stabilizers on a large key (like the Shift key) of the Keychron K1 Pro, illustrating their mechanism for enhanced stability and reduced wobble.

### 3.3 Battery Care

The keyboard is equipped with a Lithium Polymer battery.

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Charge the keyboard using the provided USB-C cable connected to a standard USB port or charger.
- Store the keyboard in a cool, dry place if not in use for extended periods.

## 4. TROUBLESHOOTING

If you encounter issues with your Keychron K1 Pro, refer to the following common solutions:

- **Keyboard Not Responding (Wired):**
  - Ensure the USB-C cable is securely connected to both the keyboard and the computer.
  - Verify the connection mode switch on the keyboard is set to 'Cable'.
  - Try a different USB port on your computer or a different USB-C cable.



- **Keyboard Not Responding (Bluetooth):**

- Ensure the connection mode switch is set to 'Bluetooth'.
- Check if Bluetooth is enabled on your device and the keyboard is paired.
- Try unpairing and re-pairing the keyboard with your device.
- Ensure the keyboard battery is charged.

- **Keys Not Working or Double Input:**

- Clean around and under the affected keycap to remove any debris.
- If the issue persists, the switch may be faulty. As the switches are hot-swappable, consider replacing the affected switch.
- For advanced issues, connect the keyboard via USB and use the VIA software to check key functionality and reconfigure if necessary.

- **OS Mode Switch Not Functioning as Expected:**

- Ensure the physical switch on the side of the keyboard is set to the correct operating system (Mac/iOS or Win/Android).
- If specific key combinations (e.g., Fn + X + L) are not working, it may be due to a custom VIA configuration. Use the VIA software to verify and adjust key mappings.

- **Backlight Issues:**

- Ensure the backlight is enabled and brightness is not set to minimum.
- Cycle through different backlight effects using the designated function keys.
- If using VIA, check the lighting settings within the software.

## 5. SPECIFICATIONS

<b>Model</b>	Keychron K1 Pro (K1PA1)
<b>Layout</b>	80% TKL (Tenkeyless)
<b>Switches</b>	Low-Profile Gateron Red (Linear, Hot-swappable)
<b>Keycaps</b>	Double-Shot PBT, LSA (Low Profile Spherical-Angled) Profile
<b>Connectivity</b>	Bluetooth 5.1 (up to 3 devices), USB Type-C (1000 Hz polling rate)
<b>Backlight</b>	White LED (14+ types)
<b>Battery</b>	1x Lithium Polymer (included)
<b>Dimensions</b>	14.48 x 6.26 x 1.54 inches
<b>Item Weight</b>	1.94 pounds
<b>Material</b>	Aluminum, Polybutylene Terephthalate (PBT)
<b>Compatibility</b>	Mac, Windows, Linux, Android, iOS
<b>Special Features</b>	QMK/VIA Support, Ultra-slim design, Adjustable typing angle, Redesigned stabilizers

## 6. WARRANTY AND SUPPORT

## 6.1 Product Warranty

Keychron products typically come with a limited warranty against manufacturing defects. Please refer to the official Keychron website or your purchase documentation for specific warranty terms and conditions, as these may vary by region and retailer.






## 6.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Keychron customer support through their official website:

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

When contacting support, please have your product model (K1 Pro) and purchase information readily available.

### Related Documents - K1 Pro

	<p><a href="#">Keychron K1 Pro Bluetooth Mechanical Keyboard User Manual and Guide</a></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><a href="#">Keychron K17 Max Troubleshooting Guide: Bluetooth, Key Issues, and Typing Errors</a></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><a href="#">Keychron C2 Pro Full Size Mechanical Keyboard User Guide &amp; Specifications</a></p> <p>Comprehensive guide for the Keychron C2 Pro Full Size Mechanical Keyboard, covering setup, VIA software, key layers, backlighting, troubleshooting, and specifications.</p>
	<p><a href="#">Keychron K17 Pro Bluetooth Mechanical Keyboard: User Guide and Features</a></p> <p>Comprehensive guide to the Keychron K17 Pro Bluetooth Mechanical Keyboard, covering setup, features, layers, backlighting, VIA software, troubleshooting, and specifications.</p>
	<p><a href="#">Keychron K3 Ultra-Slim Mechanical Keyboard: Quick Start Guide</a></p> <p>Get started with your Keychron K3 Ultra-Slim Wireless Mechanical Keyboard. This guide covers Bluetooth and wired connections, lighting effects, keycap replacement, auto-sleep settings, key remapping, and factory reset for Mac and Windows.</p>
	<p><a href="#">Keychron K8 Pro TKL Mechanical Keyboard User Guide</a></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>

