Keychron K8P-G1

Keychron K8 Pro Wireless Custom Mechanical Keyboard User Manual

Model: K8P-G1

1. INTRODUCTION

This manual provides detailed instructions for the Keychron K8 Pro Wireless Custom Mechanical Keyboard. The K8 Pro is a QMK/VIA enabled, hot-swappable, tenkeyless mechanical keyboard designed for compatibility with Mac, Windows, and Linux operating systems. It supports both wireless (Bluetooth 5.1) and wired (USB Type-C) connectivity, offering a versatile and customizable typing experience.

2. PACKAGE CONTENTS

Verify that all items are present in your Keychron K8 Pro package:

- 1x Fully Assembled Keyboard (including PCB, Steel Plate, Sound Absorbing Foam)
- 1x Silicone Bottom Pad
- 5 Sets of Stabilizers (PCB Screw-In)
- 1 set x Keycaps (Double-Shot PBT)
- 1 set x Switches (Gateron G Pro Red)
- 1x Type-A to Type-C Cable
- 1x Switch Puller
- 1x Keycap Puller
- 1x Screwdriver
- Keycaps for both Windows and macOS layouts

Image: Keychron K8 Pro Package Contents. This image displays the keyboard along with the USB-C cable, switch puller, keycap puller, screwdriver, and additional keycaps for different operating systems.

3. SETUP

3.1 Initial Charging

Before first use, connect the keyboard to a power source using the provided USB Type-C cable to ensure it is fully charged. The battery indicator will show charging status.

3.2 Connectivity Modes

The K8 Pro supports both wireless Bluetooth and wired USB-C connections.

Image: Supports Wireless and Wired Modes. The keyboard is shown connected to multiple devices, highlighting its versatile connectivity options.

3.2.1 Bluetooth Connection

1. Locate the mode switch on the side of the keyboard.
2. Slide the switch to the 'Bluetooth' position.
3. On your device (laptop, phone, tablet), enable Bluetooth and search for available devices.
4. Select 'Keychron K8 Pro' from the list to pair.
5. The keyboard can connect to up to 3 devices. Use Fn + 1, Fn + 2, or Fn + 3 to switch between paired devices.

3.2.2 Wired USB-C Connection

1. Locate the mode switch on the side of the keyboard.
2. Slide the switch to the 'Cable' position.
3. Connect the provided USB Type-C cable from the keyboard to your computer's USB port.

3.3 Operating System Layout Switch

The K8 Pro features a switch to toggle between Mac and Windows layouts, ensuring full compatibility with your operating system.

SWITCH LAYOUTS BETWEEN MAC & WINDOWS

Image: Switch Layouts Between Mac & Windows. This image shows the physical switch on the side of the keyboard used to select the operating system layout.

1. Locate the OS switch on the side of the keyboard.
2. Slide the switch to the appropriate position for your operating system (Mac or Windows).

4. OPERATING INSTRUCTIONS

4.1 Basic Key Functions

The K8 Pro is a tenkeyless keyboard with standard alphanumeric keys, function row (F1-F12), and navigation keys. Specific multimedia and function keys can be accessed using the 'Fn' key in combination with other keys.

4.2 Backlight Control

The K8 Pro features a white backlight. Use the dedicated backlight key (often located near the top right) or Fn + specific keys to cycle through backlight effects and adjust brightness levels.

4.3 Ergonomic Angle Adjustment

The keyboard includes adjustable feet to set your preferred typing angle.

ERGONOMIC ANGLE DESIGN

Image: Ergonomic Angle Design. This image highlights the adjustable feet that allow users to customize the keyboard's tilt for comfort.

5. CUSTOMIZATION

5.1 QMK/VIA Programmability

The Keychron K8 Pro supports QMK/VIA, allowing users to remap keys, create macros, and customize keyboard layers. This functionality is accessible via the VIA software.

Image: Fully Customizable Keyboard. The VIA software interface is displayed, demonstrating the ability to remap keys and create macro commands.

To use VIA:

1. Download the VIA software from the official Keychron website.
2. Connect the K8 Pro to your device using the USB-C cable. Key remapping is performed in wired mode.
3. Launch the VIA software. The keyboard should be automatically detected.
4. Drag and drop desired keys or macro commands to remap any key. Changes are saved to the keyboard's firmware and will function in both wired and wireless modes.

5.2 Hot-swappable Switches

The K8 Pro features hot-swappable switch sockets, allowing you to change mechanical switches without soldering. It is compatible with most 3-pin and 5-pin MX mechanical switches.

Image: Hot-swappable Switches. This image shows the keyboard's PCB with switches removed and different switch types ready for installation.

Image: Gateron G Pro Red Switch. A detailed view of the pre-lubed Gateron G Pro Red mechanical switch, which provides a linear typing experience.

To replace switches:

1. Use the provided keycap puller to carefully remove the desired keycap.
2. Use the provided switch puller to gently grasp and pull the switch upwards from its socket.
3. Align the pins of the new switch with the holes on the PCB and press down firmly until it clicks into place. Ensure pins are not bent.
4. Reattach the keycap.

5.3 Double-Shot PBT Keycaps

The K8 Pro comes with durable double-shot PBT keycaps, designed for enhanced feel and oil resistance.

Image: Double-Shot PBT Keycaps. A close-up shot of the keyboard's keycaps, emphasizing their durable construction and clear legends.

6. MAINTENANCE

6.1 Cleaning

To clean the keyboard, power it off and disconnect it from any devices. Use a soft, dry cloth to wipe the keycaps and chassis. For deeper cleaning, keycaps can be removed using the provided keycap puller and cleaned with a mild solution. Ensure all parts are completely dry before reassembly and use.

6.2 Battery Care

The K8 Pro is equipped with a 4000 mAh lithium-ion battery. To prolong battery life, avoid fully discharging the keyboard frequently and store it in a cool, dry place when not in use for extended periods.

7. TROUBLESHOOTING

7.1 Connectivity Issues

- **Bluetooth not connecting:** Ensure the keyboard is in Bluetooth mode and discoverable. Remove previous pairings from your device and try pairing again. Ensure the keyboard battery is charged.
- **Wired connection not working:** Verify the USB-C cable is securely connected to both the keyboard and the computer. Ensure the keyboard is switched to 'Cable' mode. Try a different USB port or cable.

7.2 Key Programming Issues (VIA)

- **VIA software not detecting keyboard:** Ensure the keyboard is connected via USB-C cable and the OS switch is set correctly. Restart the VIA software and/or your computer.
- **Remapped keys not working:** Confirm that the changes were successfully saved in VIA. Remember that key remapping must be done in wired mode.

7.3 Backlight Visibility

The K8 Pro features south-facing LEDs. While this design offers compatibility with a wider range of custom keycaps, it may result in less illumination of keycap legends compared to keyboards with north-facing LEDs, especially in low-light conditions. This is a design characteristic and not a defect.

7.4 Physical Fit/Feel

Some users may experience the keyboard's frame being slightly higher than the keycaps, potentially affecting the feel of certain keys like the spacebar. This is part of the keyboard's design and construction.

8. SPECIFICATIONS

Product Dimensions	13.98 x 4.84 x 1.55 inches
Item Weight	3.41 pounds
Manufacturer	Keychron
Item Model Number	K8P-G1
Batteries	1 Lithium Ion battery required (4000 mAh)
Compatible Devices	Laptop, PC, Smartphone, Tablet
Connectivity Technology	Bluetooth 5.1, USB-C
Keyboard Description	Mechanical, Tenkeyless
Recommended Uses	Gaming, Office
Special Features	Wireless, Bluetooth, Wired, White Backlighting, QMK/VIA, Hot-swappable
Switch Type	Gateron G Pro Red Switch

9. WARRANTY AND SUPPORT

Keychron products are covered by a manufacturer's warranty. For specific warranty terms, duration, and to access technical support, please visit the official Keychron website or contact their customer service directly. Keep your proof of purchase for warranty claims.

For further assistance, please refer to the official Keychron support resources:

- **Keychron Official Website:** www.keychron.com

- **Support Page:** Consult the support section on the Keychron website for FAQs, firmware updates, and contact information.

Related Documents - K8P-G1

	[Keychron K8 Pro TKL Mechanical Keyboard User Guide](#) A comprehensive guide to the Keychron K8 Pro, a TKL mechanical keyboard. Learn how to connect, customize with VIA software, adjust backlighting, and troubleshoot.
	[Keychron K3 Ultra-Slim Mechanical Keyboard: Quick Start Guide](#) 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.
	[Keychron V2 Wired Custom Mechanical Keyboard - QMK/VIA Programmable 65% Layout](#) Discover the Keychron V2 Wired Custom Mechanical Keyboard, a barebone 65% layout model with QMK/VIA programmability and hot-swappable support. Compatible with Mac, Windows, and Linux. Includes software downloads and configuration resources.
	[Keychron K3 Pro Quick Start Guide: Setup, Features, and Troubleshooting](#) A comprehensive quick start guide for the Keychron K3 Pro wireless custom mechanical keyboard. Learn how to connect via Bluetooth or cable, utilize VIA software for key remapping, manage layers and backlights, and perform factory resets.
	[Keychron K4 96% Wireless Mechanical Keyboard User Guide](#) Quick start guide for the Keychron K4 96% Wireless Mechanical Keyboard, covering Bluetooth and wired connections, lighting customization, function key switching, auto-sleep mode, key remapping, and factory reset procedures for Mac and Windows users.
	[Keychron K6 65% Compact Wireless Mechanical Keyboard User Guide](#) This guide provides instructions for setting up and using the Keychron K6 65% compact wireless mechanical keyboard. Learn about Bluetooth and wired connections, customizing backlighting, disabling sleep mode, remapping keys, and accessing multimedia functions.