

Keychron K6P-J1Z

Keychron K6 Pro QMK/VIA Wireless Mechanical Keyboard User Manual

Model: K6P-J1Z

INTRODUCTION

The Keychron K6 Pro is a custom wireless mechanical keyboard designed for an enhanced typing experience. It features QMK/VIA compatibility for extensive customization, hot-swappable switches, and a robust aluminum frame. This manual provides instructions for setting up, operating, and maintaining your K6 Pro keyboard.

1. SETUP

1.1 Unboxing and Package Contents

Carefully unpack your Keychron K6 Pro keyboard. Verify that all components are present:

- 1x Fully Assembled Keyboard
- 1x Type-A to Type-C Cable
- Mac and Windows Keycaps
- 1x Keycap Puller
- 1x Switch Puller
- 1x Hex Key
- 1x Screwdriver (located at the bottom of the box)
- 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)

Note: All tools are placed on the bottom of the box.

K6 Pro Key Combinations



fn1 + Keys

Keys	Function		
fn1 + ESC	Symbol `	fn1 + -	Sound: Volume Down
fn1 + 1	Screen Brightness Down	fn1 + =	Sound: Volume Up
fn1 + 2	Screen Brightness Up	fn1 + Backspace	Change Backlight Effects
fn1 + 3	Launches Mission Control	fn1 + Q	Select Bluetooth device #1
fn1 + 4	Launchpad	fn1 + W	Select Bluetooth device #2
fn1 + 5	Keyboard Backlight Down	fn1 + E	Select Bluetooth device #3
fn1 + 6	Keyboard Backlight Up	fn1 + Q (long press for 3s)	Pair with Bluetooth device #1
fn1 + 7	Rewind	fn1 + W (long press for 3s)	Pair with Bluetooth device #2
fn1 + 8	Play / Pause	fn1 + E (long press for 3s)	Pair with Bluetooth device #3
fn1 + 9	Fast Forward	fn1 + P	Insert
fn1 + 0	Sound: Volume Mute	fn1 + [Delete
fn1 + -	Sound: Volume Down	fn1 +]	End
		fn1 + Light effect key	Turn On / Off the Backlight
		fn1 + pageup (long press for 3s)	Page Up / Print Screen

Image: Contents of the Keychron K6 Pro box, showing the keyboard, USB-C cable, keycap and switch pullers, and other accessories.

1.2 Connectivity Modes

The K6 Pro supports both wireless (Bluetooth 5.1) and wired (USB-C) connections.

Bluetooth Connection:

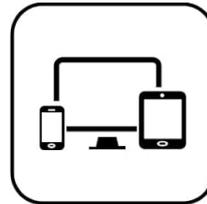
1. Ensure the keyboard's mode switch (located on the side) is set to Bluetooth.
2. On your device (laptop, phone, tablet), enable Bluetooth and search for "Keychron K6 Pro".
3. Select the keyboard to pair. The K6 Pro can connect to up to 3 devices wirelessly. Switch between paired devices using the appropriate key combinations (refer to the Operating section).



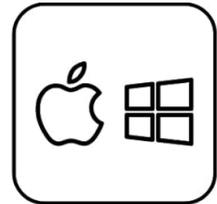
Wireless or Wired



QMK/VIA Support



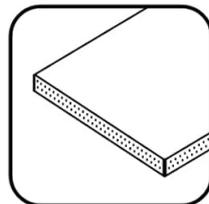
Connects up to
3 Devices



Mac & Windows



Hot-Swappable



Added Sound Absorbing
Foam & Silicone Pad



PCB Stabilizers



Double-Shot PBT
Keycaps

Image: The Keychron K6 Pro keyboard shown connected to a smartphone, tablet, and laptop via Bluetooth, demonstrating multi-device connectivity.

Wired Connection:

Connect the keyboard to your computer using the provided USB-C cable. The keyboard will automatically switch to wired mode.

1.3 Operating System Compatibility

The K6 Pro is compatible with macOS, Windows, and Linux operating systems. Use the OS switch located on the side of the keyboard to select the correct operating system mode for optimal functionality.

Compatible with macOS, Windows and Linux



Image: A close-up of the Keychron K6 Pro keyboard's side, showing the physical switch to toggle between Windows and macOS modes.

1.4 Adjustable Typing Angle

The keyboard features adjustable feet to set your preferred typing angle. You can choose between 3.5°, 8.5°, and 12° angles for ergonomic comfort.



Image: Side profile of the Keychron K6 Pro keyboard, illustrating its adjustable feet that allow for different typing angles.

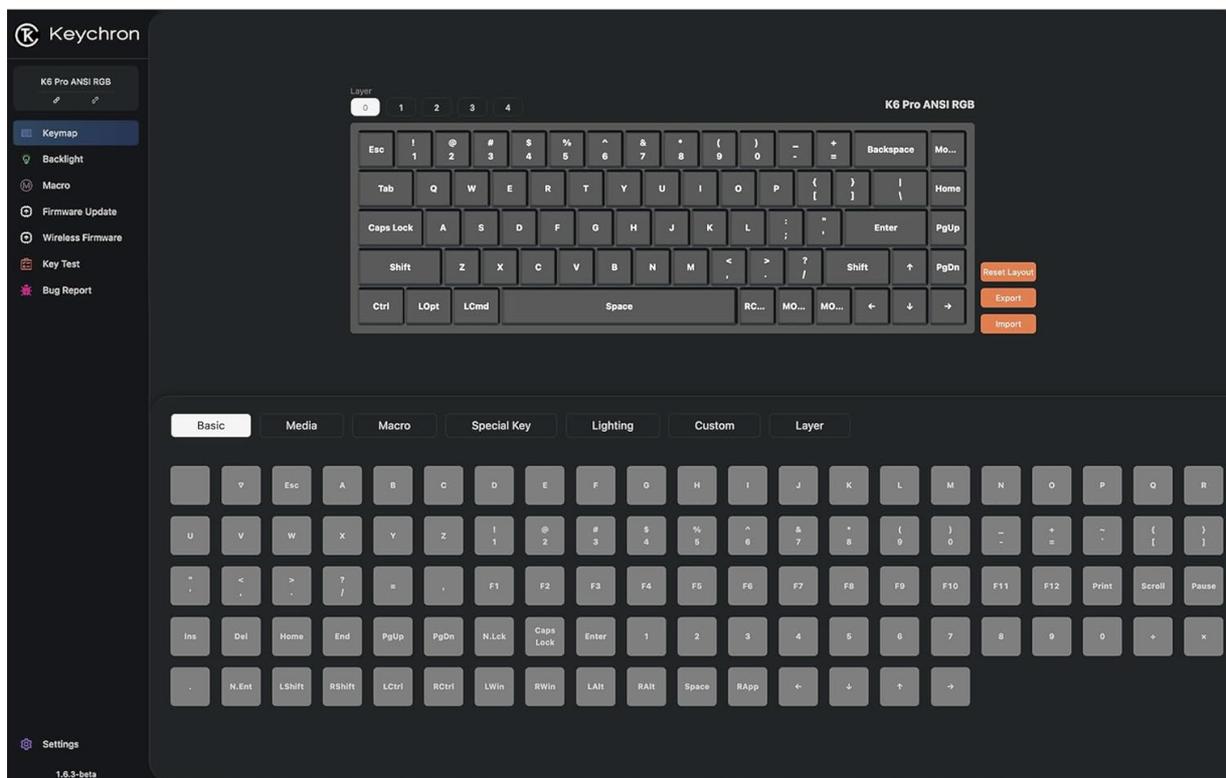
2. OPERATING YOUR KEYBOARD

2.1 Key Remapping with QMK/VIA Launcher

The K6 Pro supports QMK/VIA firmware, allowing for comprehensive key remapping and macro creation. Use the VIA web application (Launcher) to customize your keyboard layout.

1. Connect the K6 Pro to your device via USB-C cable.
2. Access the VIA web application (search for "Keychron VIA Launcher").
3. Drag and drop keys or macros to remap any key. Changes made in wired mode will apply to both wired and wireless modes.

Program any key and macro with QMK/Launcher



 Remap Each Key

 Macro Commands

Image: Screenshot of the QMK/VIA Launcher interface, demonstrating how to remap individual keys and program macro commands on the Keychron K6 Pro.

2.2 Hot-Swappable Switches

The K6 Pro features hot-swappable sockets, allowing you to change mechanical switches without soldering. It is compatible with most 3-pin and 5-pin MX mechanical switches.

1. Use the provided switch puller to carefully remove a keycap, then the switch.
2. Align the pins of the new switch with the sockets on the PCB.
3. Gently press the new switch into place until it clicks.
4. Replace the keycap.

Hot-swappable

with both 3 pin and 5 pin MX mechanical switches



Image: A close-up of the Keychron K6 Pro keyboard with several keycaps and switches removed, illustrating the hot-swappable feature for easy switch replacement.



Image: A close-up of Keychron K Pro Red switches installed on the keyboard, illuminated by RGB backlighting.

2.3 RGB Backlight Control

The keyboard features RGB backlighting with various effects. Control the backlight settings using specific key combinations (refer to the Key Combinations table below).

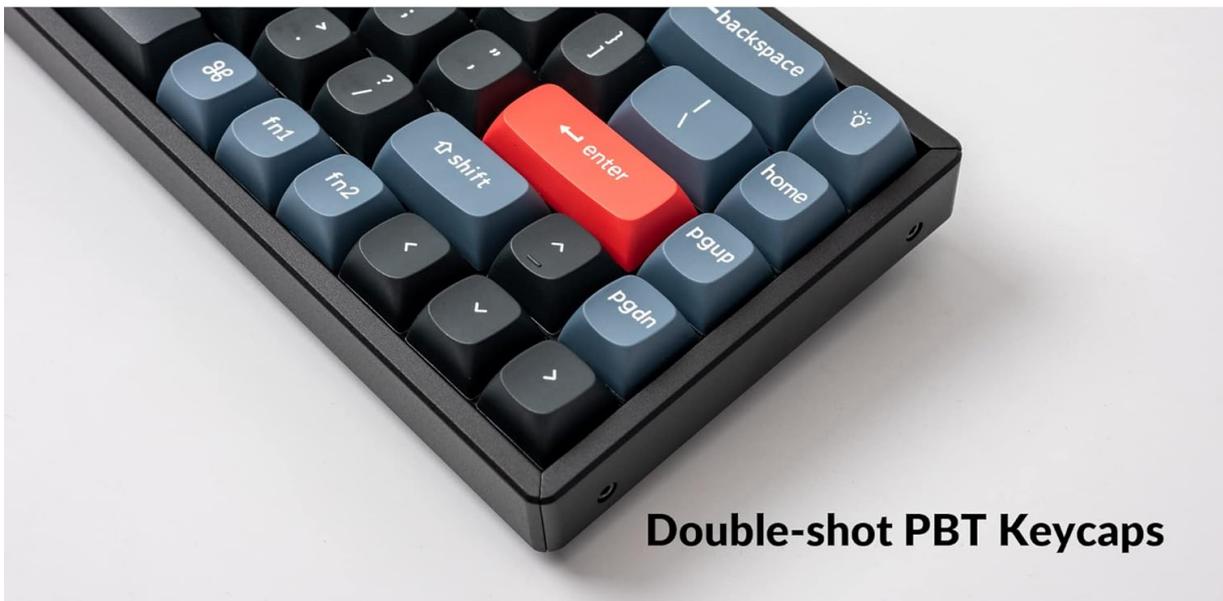
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Video: An official Keychron video demonstrating the RGB backlighting effects and customization options of the K6 Pro keyboard.

2.4 Key Combinations (Fn1/Fn2)

The K6 Pro utilizes Fn1 and Fn2 keys for various functions and media controls. Refer to the following tables for common key combinations:

Ergonomic Support OSA-profile Keycaps



Double-shot PBT Keycaps

Image: A detailed chart illustrating the various key combinations using Fn1 and Fn2 keys on the Keychron K6 Pro, including multimedia controls and backlight adjustments.

3. MAINTENANCE

3.1 Cleaning Your Keyboard

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

- **Dust Removal:** Use compressed air to remove dust and debris from between keycaps.
- **Keycap Cleaning:** Remove keycaps using the provided keycap puller. Clean them with a mild soap solution and a soft cloth, then dry thoroughly before reattaching.
- **Surface Cleaning:** Wipe the keyboard surface with a damp, lint-free cloth. Avoid excessive moisture.

3.2 Switch Replacement

As detailed in section 2.2, switches can be replaced without soldering. If a switch malfunctions, use the switch puller to remove it and insert a new, compatible switch.

4. TROUBLESHOOTING

If you encounter issues with your Keychron K6 Pro, refer to the following common solutions:

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

- Ensure the keyboard is in Bluetooth mode and fully charged.
- Delete the keyboard from your device's Bluetooth list and attempt to re-pair.
- Try connecting to a different device to rule out device-specific issues.

- **Keys Not Responding:**

- Check if the keyboard is in the correct OS mode (Mac/Windows).
- If using a wired connection, ensure the USB-C cable is securely connected.
- For individual keys, consider replacing the switch as it may be faulty (refer to section 3.2).

- **Backlight Issues:**

- Ensure the backlight is not turned off or set to a very low brightness level using the Fn key combinations.
- If specific LEDs are not working, it may indicate a hardware issue.

- **QMK/VIA Remapping Not Working:**

- Ensure the keyboard is connected via USB-C cable when attempting to remap keys using the VIA Launcher.
- Verify that the VIA software is up-to-date.

5. SPECIFICATIONS

Feature	Detail
Model Number	K6P-J1Z
Connectivity	Bluetooth 5.1, USB-C
Layout	65%
Switches	Hot-swappable (3-pin and 5-pin MX mechanical switches)
Backlighting	RGB
Frame Material	CNC Aluminum
Keycaps	Double-Shot PBT
Battery	1 Lithium Polymer battery (included)
Product Dimensions	13 x 4 x 1 inches
Item Weight	2.79 pounds
Manufacturer	Keychron
Compatible OS	Mac, Windows, Linux

6. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Keychron website or contact their customer service directly. Keep your proof of purchase for warranty claims.

