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› Keychron K8 Pro QMK/VIA Wireless Mechanical Keyboard User Manual

Keychron K8P-G3

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MODEL: K8P-G3

1. SETUP

1.1 Unboxing and Initial Setup

Upon opening the Keychron K8 Pro package, you will find the following components:

- 1x Fully Assembled Keyboard
- 1x USB-C to Type-A Cable
- Extra keycaps for Windows and Mac operating systems
- 1x Switch Puller
- 1x Keycap Puller
- 1x Screwdriver



Figure 1: Contents of the Keychron K8 Pro package, showing the keyboard, USB-C cable, extra keycaps, switch puller, keycap puller, and screwdriver.

1.2 Connectivity: Wireless (Bluetooth 5.1) and Wired (USB-C)

The Keychron K8 Pro offers versatile connectivity options, supporting both Bluetooth 5.1 wireless mode and USB-C wired mode. It can seamlessly connect to up to 3 devices simultaneously, including computers, laptops, tablets, and phones, allowing for easy switching between them.

SUPPORTS WIRELESS AND WIRED MODE



Figure 2: The Keychron K8 Pro supports both wireless and wired modes, connecting to multiple devices.

1.3 Layout Switching (Mac & Windows)

The keyboard is designed with a Mac layout but includes extra keycaps for Windows operating systems, allowing users to switch between layouts as needed. This ensures compatibility and a familiar typing experience across different platforms.

DOUBLE-SHOT PBT KEYCAPS



Figure 3: Switches on the side of the keyboard allow for easy toggling between Mac and Windows layouts.

2. OPERATING INSTRUCTIONS

2.1 QMK & VIA Programmability

The K8 Pro is equipped with QMK/VIA firmware, providing extensive customization options. Users can intuitively remap keys, create macros, and adjust backlight effects across macOS, Windows, and Linux operating systems for a fluid workflow. This open-source firmware offers endless possibilities for personalized keyboard layouts and shortcuts.

Hot-Swappable with most of the MX style mechanical switches (including Gateron, Cherry, Kailh, etc.)



Figure 4: The VIA software allows for comprehensive customization of key mappings and macros.

2.2 Keycap and Switch Swapping

The keyboard features hot-swappable sockets, allowing users to easily install or change switches without soldering. It is compatible with almost all MX style 3-pin and 5-pin mechanical switches on the market (e.g., Gateron, Cherry, Kailh).

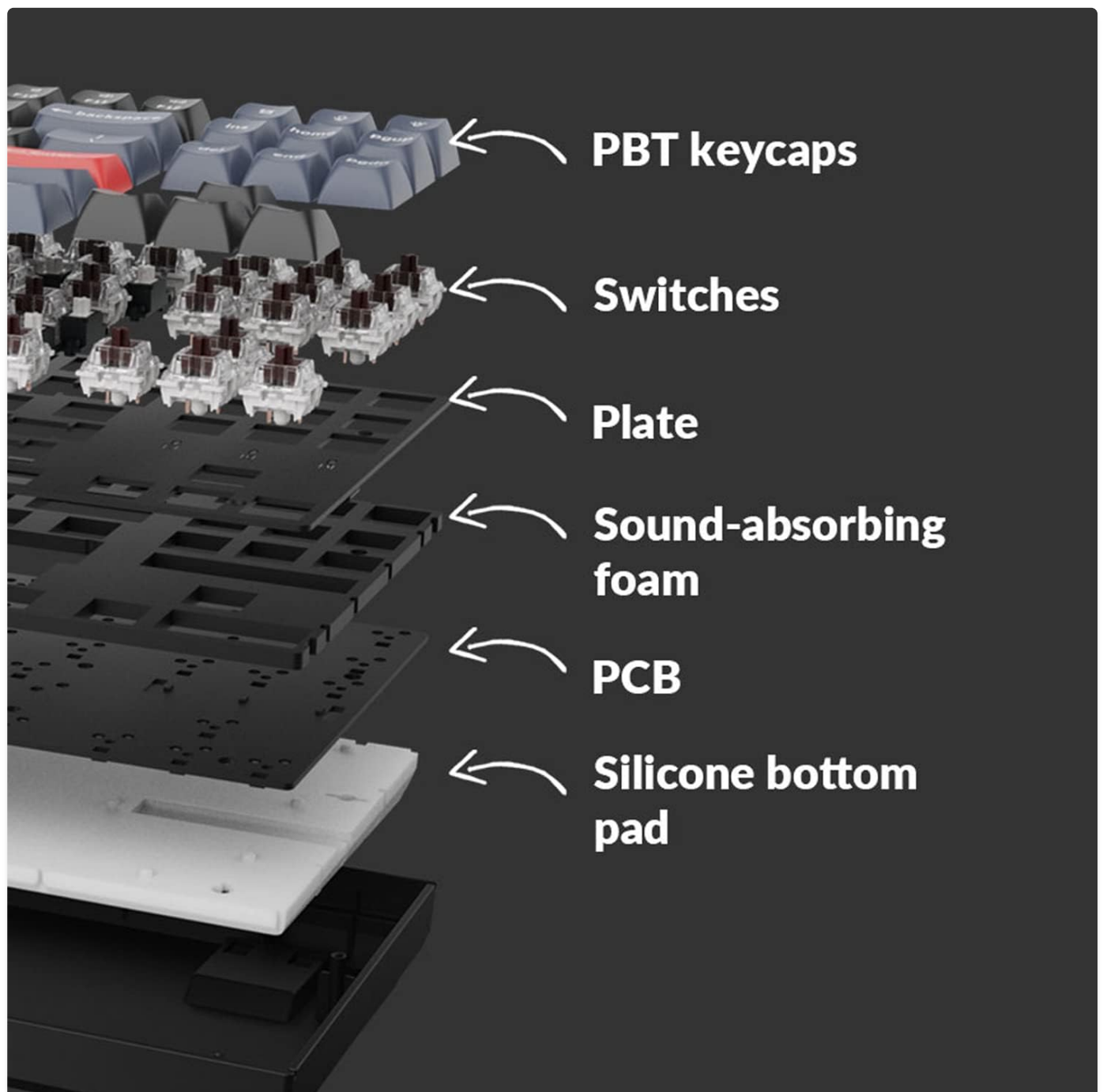


Figure 5: The hot-swappable design allows for easy customization of switches.

The Keychron K8 Pro comes pre-installed with pre-lubed Gateron G Pro Brown switches, known for their tactile responsiveness. The keyboard also features OSA profile double-shot PBT keycaps, offering high durability and a pleasant typing feel.



Program with QMK & VIA

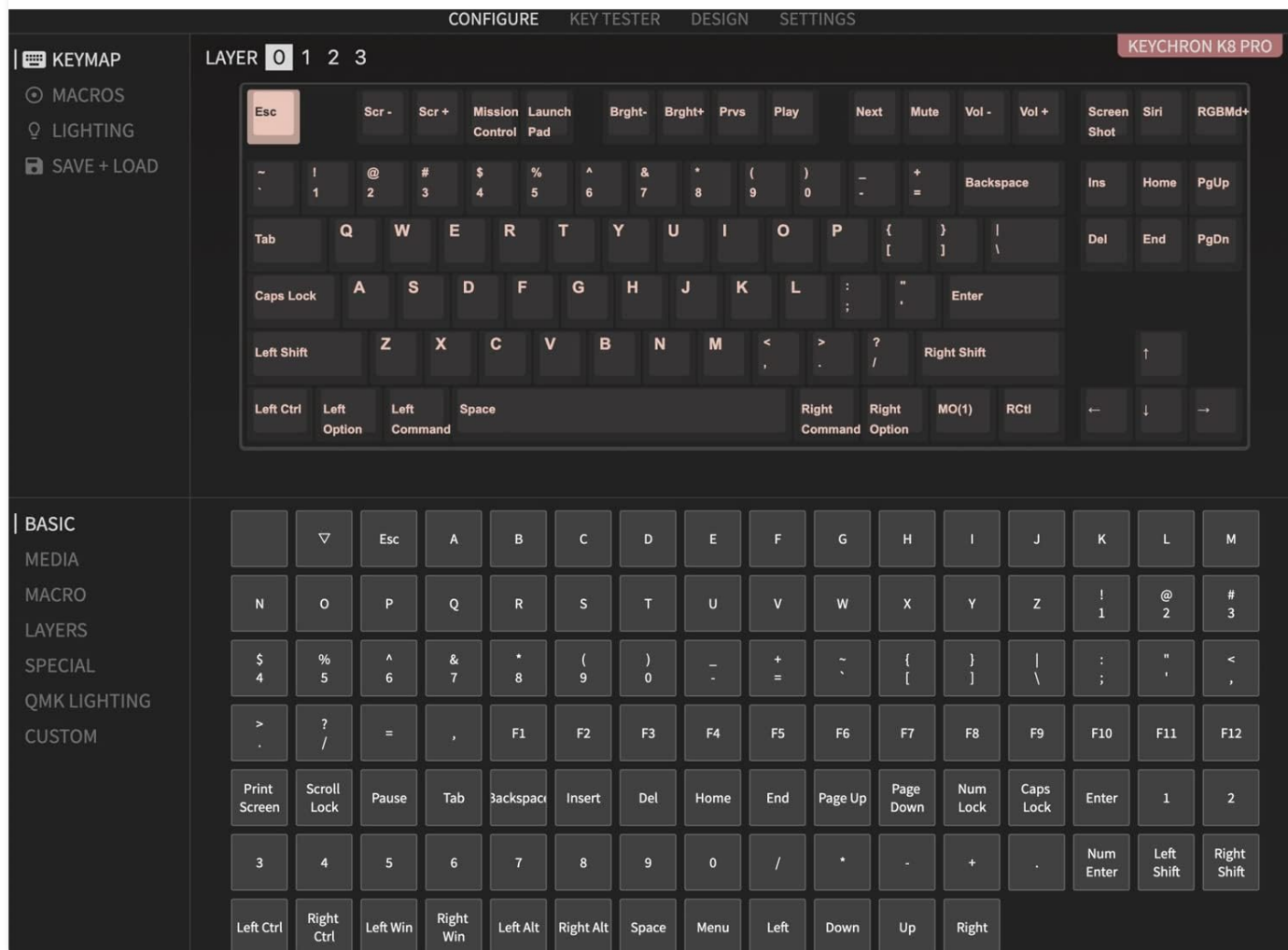


Figure 6: Double-shot PBT keycaps provide durability and a premium feel.

Gateron G Pro Switch Features

Switch Type	Operating Force	Pre-travel	Travel Distance	Behavior
Red	45 ±15gf	2 ±0.6mm	4 ±0.6mm	Linear
Blue	60 ±15gf	2.3 ±0.6mm	4 ±0.6mm	Clicky
Brown	55 ±15gf	2 ±0.6mm	4 ±0.6mm	Tactile

2.3 Backlighting

The Keychron K8 Pro features white backlighting designed to illuminate the keycaps effectively from the typist's angle. Users can easily fine-tune the saturation, brightness, and effect speed of the backlighting to suit their preferences.

3. MAINTENANCE

3.1 Cleaning Your Keyboard

To maintain optimal performance and appearance, regularly clean your Keychron K8 Pro. Use a soft, lint-free cloth to wipe down the keycaps and frame. For deeper cleaning, you can remove keycaps using the provided keycap puller and clean underneath.

3.2 Keycap and Switch Replacement

Thanks to its hot-swappable design, replacing individual keycaps or switches is straightforward. Use the included keycap puller to gently remove keycaps and the switch puller to remove switches. Ensure new switches are aligned correctly before inserting them to avoid bending pins.

4. TROUBLESHOOTING

4.1 Connectivity Issues

- **Bluetooth Connection Failure:** Ensure the keyboard is in Bluetooth mode and discoverable. Remove previous pairings on your device and try re-pairing.
- **Wired Connection Not Detected:** Check the USB-C cable connection at both ends. Try a different USB port or cable.

4.2 Battery Life Concerns

The keyboard is equipped with a 4000 mAh rechargeable li-polymer battery. Under normal use (8 hours per day), it can last up to 7 days. With backlighting disabled, it can last up to 4 weeks. If battery life is significantly shorter, ensure backlighting is not constantly on high brightness or consider charging the keyboard fully.

4.3 QMK/VIA Software Issues

If you encounter issues with QMK/VIA programming, ensure you are using the latest version of the software and firmware. Refer to the official Keychron website for detailed guides and community support.

5. SPECIFICATIONS

Model Number	K8P-G3
Brand	Keychron
Package Dimensions	15.79 x 7.87 x 2.72 inches
Item Weight	3.76 pounds

Manufacturer	Keychron
Country of Origin	China
Batteries	1 Lithium Polymer batteries required (included)
Compatible Devices	Laptop, PC, Tablet, Smartphone
Connectivity Technology	Wired, Wireless
Keyboard Description	Wireless
Special Feature	QMK, Hot-Swappable, VIA
Color	Hot-Swappable Gateron G Pro Brown Switch
Number of Keys	87
Keyboard Backlighting Color Support	RGB
Style	Modern
Material	Plastic

6. WARRANTY AND SUPPORT

6.1 Warranty Information

For detailed warranty information regarding your Keychron K8 Pro keyboard, please refer to the official documentation included in your product packaging or visit the official Keychron website. Warranty terms and conditions may vary by region.

6.2 Customer Support

Should you require further assistance, technical support, or have any questions about your Keychron K8 Pro, please visit the official Keychron support page or contact their customer service directly. You can find more information on the [Keychron Store](#).

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Example: How do I reset this device or fix this error?

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