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› Keychron Q1 Pro Wireless Custom Mechanical Keyboard Instruction Manual

## Keychron Q1 Pro

# Keychron Q1 Pro Wireless Custom Mechanical Keyboard

Instruction Manual

## INTRODUCTION

The Keychron Q1 Pro is a full-metal, QMK/VIA programmable wireless custom mechanical keyboard designed for an exceptional typing experience. Crafted from 6063 aluminum through a multi-stage manufacturing process, it offers robust construction and premium feel. This manual provides essential information for setting up, operating, and maintaining your keyboard.



Image: The Keychron Q1 Pro Custom Mechanical Keyboard, highlighting its QMK/VIA, hot-swappable, and wireless capabilities.

## PACKAGE CONTENTS

- 1x Fully Assembled Keyboard (including Aluminum Case, PCB, PC Plate, Sound Absorbing Foam, Case Foam, 16x Gaskets (8 Installed and 8 in the Box), 4 sets x Stabilizers, 1 set x Keycaps (Double-Shot KSA PBT), 1 set x Switches)
- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Switch Puller
- 1x Keycap Puller
- 1x Screwdriver
- 1x Hex Key

## Package List

### Keyboard

1x Fully Assembled Keyboard

### Including

1x Aluminum Case  
1x PCB  
1x PC Plate  
1x Sound Absorbing Foam  
1x Case Foam  
16x Gaskets (8 Installed and 8 in the Box)  
4 sets x Stabilizers  
1 set x Keycaps (Double-Shot KSA PBT)  
1 set x Switches

### Cable

1x Type-C to Type-C Cable  
1x Type-A to Type-C Adapter

### Tools

1x Switch Puller  
1x Keycap Puller  
1x Screwdriver  
1x Hex Key

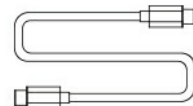
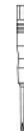
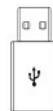


Image: An exploded diagram showing the various components of the Keychron Q1 Pro keyboard and the tools included in the package.

## SETUP

### Connectivity Modes

The Q1 Pro supports both wireless (Bluetooth 5.1) and wired (USB Type-C) connections, allowing seamless multitasking across up to 3 devices (laptop, phone, tablet).

- **Wired Mode:** Connect the keyboard to your device using the provided USB Type-C cable.
- **Bluetooth Mode:** Use the switch on the back of the keyboard to select Bluetooth. Pair with your devices as per standard Bluetooth pairing procedures.

## Operating System Layout Switch

The keyboard features a switch to toggle between Mac and Windows layouts, ensuring compatibility and correct key functions for your operating system.

## Disassembling and Assembling with Ease

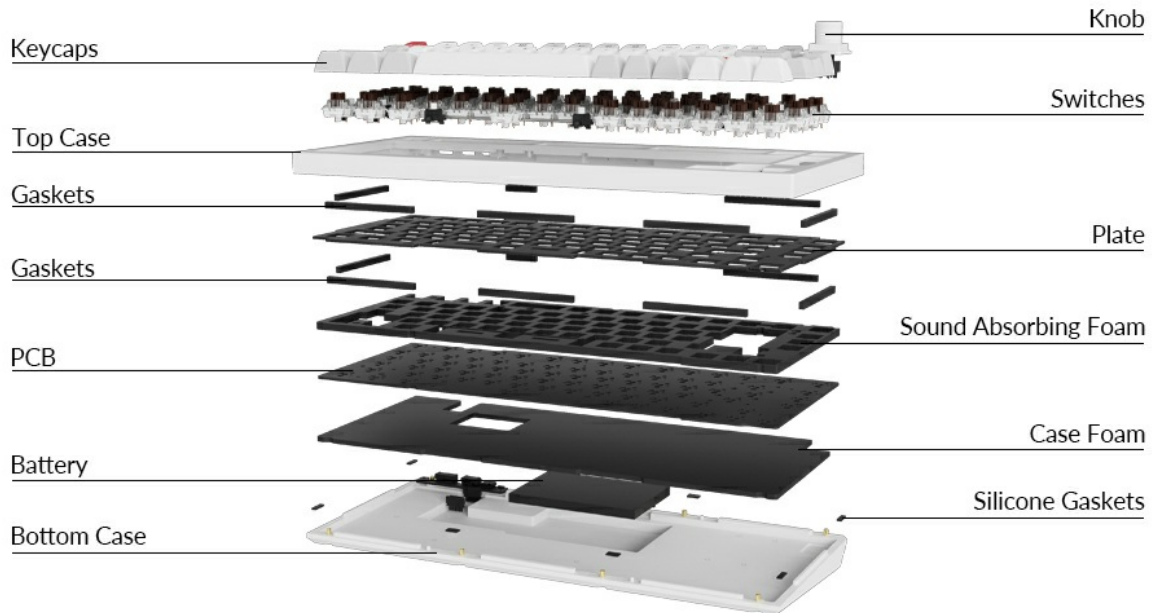


Image: A close-up of the rear of the Keychron Q1 Pro, showing the switches for Mac/Windows layout and Bluetooth/Cable connection modes.

## OPERATING

### QMK & VIA Programmability

The Keychron Q1 Pro is fully programmable with QMK and VIA software. This allows you to remap any key, create macro commands, shortcuts, or combination keys. Connect the keyboard via USB-C to your device and use the VIA software to customize your keymap. Once programmed in wired mode, the custom keymap will function in both wireless and wired modes across macOS, Windows, and Linux.



Image: A screenshot of the VIA software interface, demonstrating how to customize key assignments and create macros for the Keychron Q1 Pro.

## Programmable Knob

The integrated knob can be programmed via QMK/VIA for various functions, such as volume control, scrolling, or other custom commands, enhancing workflow efficiency.



Image: A detailed view of the programmable rotary knob located on the Keychron Q1 Pro keyboard.

## RGB Backlighting

The keyboard features south-facing RGB backlighting with 22 types of preset settings. You can fine-tune the RGB hue, saturation, brightness, effect speed, and different modes using QMK/VIA.



Image: The Keychron Q1 Pro keyboard showcasing its customizable RGB backlighting, illuminating the keys.

## MAINTENANCE

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### Hot-Swappable Switches

The Q1 Pro supports hot-swappable 3-pin and 5-pin MX mechanical switches, allowing you to easily change switches without soldering. This enables customization of typing feel and sound. The pre-lubed Keychron K Pro Brown switches offer tactile responsiveness and a 50-million keystroke lifespan.



Image: A close-up of the Keychron Q1 Pro keyboard with keycaps and switches removed from several keys, illustrating its hot-swappable design.

## PBT Keycaps

The keyboard comes with unique Keychron spherical-angle (KSA profile) double-shot PBT keycaps. These oil-resistant and durable keycaps are designed for long-term use and fine-tuned typing experience.



Image: A hand typing on the Keychron Q1 Pro keyboard, highlighting the KSA double-shot PBT keycaps.

## Double-Gasket Design

The keyboard features a double-gasket design, including silicone pads between the top and bottom cases. This significantly reduces sound resonance and noise, improving the overall typing sound and maintaining the flexibility of the gasket structure.

## TROUBLESHOOTING

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For common issues, ensure the keyboard is correctly connected (wired or Bluetooth) and the operating system switch (Win/Mac) is set appropriately. If experiencing key remapping issues, ensure the keyboard is connected via cable when using VIA software. For specific technical support, please refer to the official Keychron support channels.

## SPECIFICATIONS

| Feature                          | Detail  |
|----------------------------------|---|
| Product Dimensions               | 12.89"L x 5.71"W x 1.41"H (327.5 mm x 145 mm)                       |
| Weight                           | 1736 g $\pm$ 10 g (3.83 lb $\pm$ 0.02 lb)                           |
| Enclosure Material               | Full CNC Machined Aluminum Body                                     |
| Keycap Material                  | KSA Double-shot PBT Keycaps (Not Shine-through)                     |
| Mechanical Keyboard Switch Model | Keychron K Pro Brown (Tactile)                                      |
| Hot-swappable Support            | 3-pin & 5-pin MX Mechanical Switches                                |
| Stabilizer                       | PCB-mounted screw-in stabilizer                                     |
| Backlighting                     | South-facing RGB Backlight  |
| Connectivity Technology          | Bluetooth 5.1 / USB Type-C Wired                                    |
| Polling Rate                     | 1000 Hz (Wired) / 90 Hz (Wireless)                                  |
| Battery                          | 4000 mAh Rechargeable Li-polymer Battery                            |
| Battery Life (Bluetooth)         | Up to 100 hours (at lowest brightness)                              |
| Compatible Devices               | Laptop, PC, Smartphone, Tablet                                      |
| Operating System Compatibility   | macOS/Windows/Linux   |
| Special Features                 | QMK/VIA, Fully Customizable, Wireless, Full Aluminum, Hot-swappable |



Image: A visual representation of the Keychron Q1 Pro's technical specifications.

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Keychron website. Protection plans may be available for purchase separately.

