



# Keychron V1 Wired Custom Mechanical Keyboard User Manual

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**Keychron V1 Wired Custom Mechanical Keyboard**



## Product Information

### Specifications

- **Model:** Keychron V Series Keyboard
- **Version:** V1 Non-Knob Version
- **Keymap JSON file:** [Download here](#)
- **VIA Software for macOS:** [Download here](#)
- **VIA Software for Windows:** [Download here](#)
- **VIA Software for Linux:** [Download here](#)

### Product Usage Instructions

#### • Step 1: Download and Install VIA Software

To program your Keychron V Series Keyboard, you need to download and install the VIA software specific to your operating system

- For macOS users, download the VIA Software for macOS from [here](#).
- For Windows users, download the VIA Software for Windows from [here](#).
- For Linux users, download the VIA Software for Linux from [here](#).

#### • Step 2: Connect Your Keychron V Series Keyboard

Connect your Keychron V Series Keyboard to your computer using the provided USB cable.

#### • Step 3: Open VIA Software

Launch the installed VIA software on your computer.

#### • Step 4: Programming Your Keyboard

Follow the instructions provided in the official Keychron blog post “[How to Use VIA on Your Keychron V Series Keyboard](#)” to learn how to program your keyboard using the VIA software.

### Frequently Asked Questions (FAQ)

- **Q:** Where can I find the Keymap JSON file for the V1 Non-Knob Version?

A: You can find and download the Keymap JSON file from this link: [here](#).

- **Q: How can I program my Keychron V Series Keyboard on macOS?**

A: To program your Keychron V Series Keyboard on macOS, you need to download and install the VIA Software for macOS from this link: [here](#). Once installed, follow the instructions provided in the official Keychron blog post “[How to Use VIA on Your Keychron V Series Keyboard](#)” to program your keyboard.

- **Q: Can I program my Keychron V Series Keyboard on Linux?**

A: Yes, you can program your Keychron V Series Keyboard on Linux. Download and install the VIA Software for Linux from this link [here](#). Once installed, follow the instructions provided in the official Keychron blog post “[How to Use VIA on Your Keychron V Series Keyboard](#)” to program your keyboard.

## V1 CUSTOMIZABLE KEYBOARD USER MANUAL

- V1 Non-Knob Version Keymap JSON file:

[https://cdn.shopify.com/s/files/1/0059/0630/1017/files/v1\\_ansi\\_rev1.05.json.zip?v=1657697399](https://cdn.shopify.com/s/files/1/0059/0630/1017/files/v1_ansi_rev1.05.json.zip?v=1657697399)

- VIA Software for macOS: <https://github.com/the-via/releases/releases/download/v1.3.1/via-1.3.1-mac.dmg>

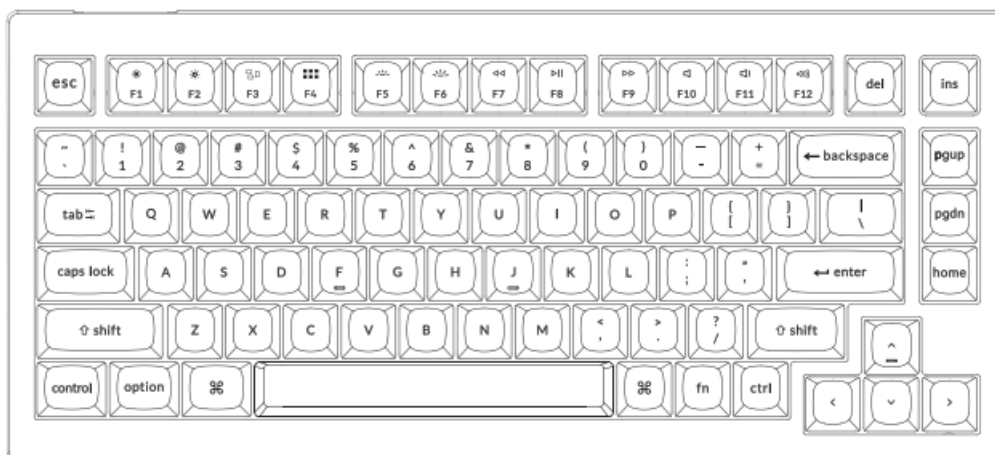
- VIA Software for Windows: <https://github.com/the-via/releases/releases/download/v1.3.1/via-1.3.1-win.exe>

- VIA Software for Linux: <https://github.com/the-via/releases/releases/download/v1.3.1/via-1.3.1-linux.deb>

- How to Use VIA on Your Keychron V Series Keyboard: <https://www.keychron.com/blogs/archived/how-to-use-via-to-program-your-keyboard>

## Fully Assembled Version

### Keyboard



- 1x Fully Assembled Keyboard

### Including

- 1x Case
- 1x PCB

- 1x Steel Plate
- 1x Sound Absorbing Foam
- 1x Silicone Bottom Pad

### **Sets x Stabilizers**

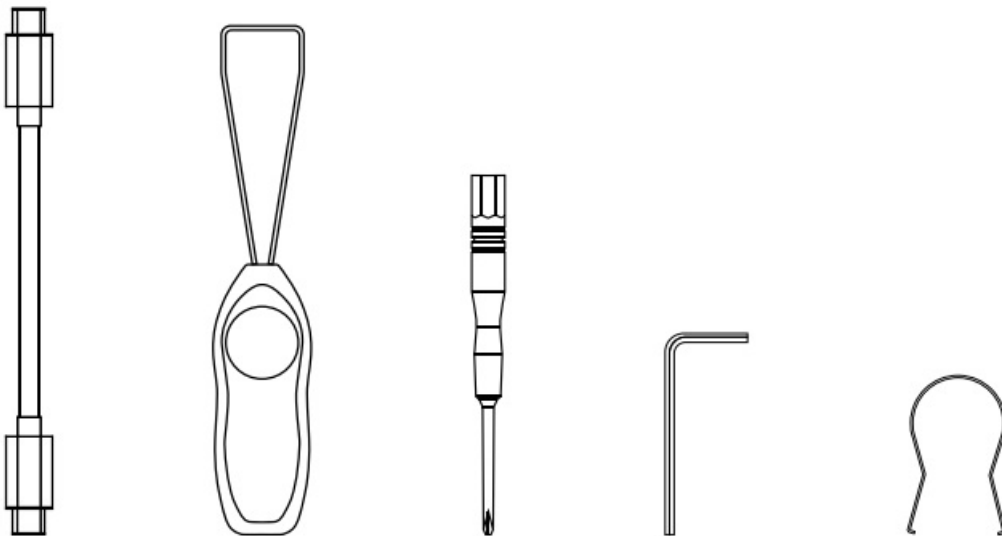
- 1 Set x Keycaps
- 1 Set x Switches

### **Cable**

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

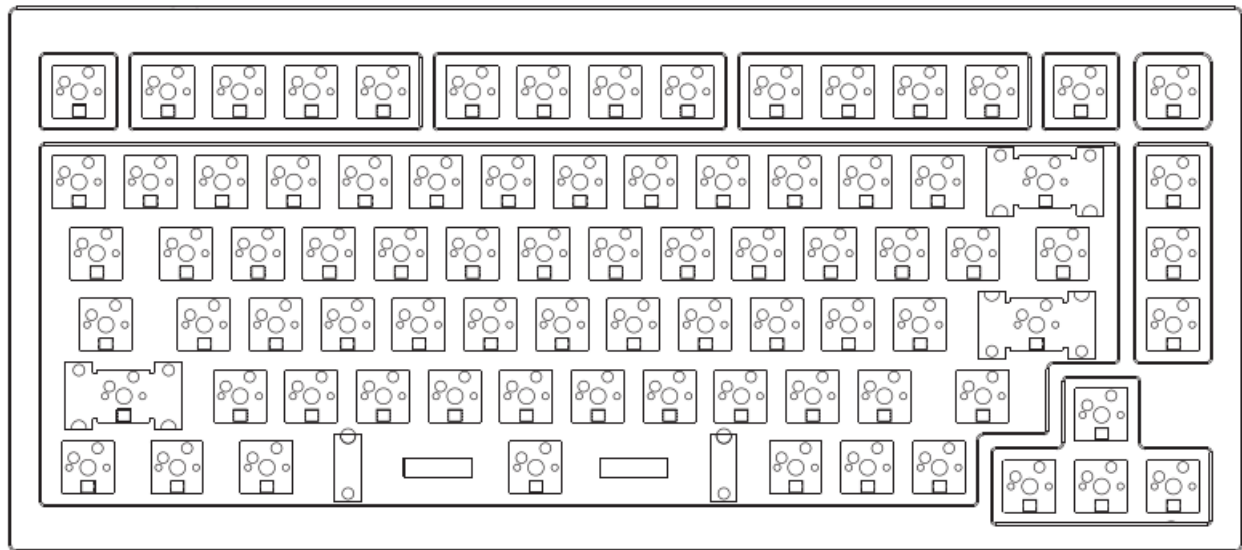
### **Tools**

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



### **Barebone Version**

### **Keyboard Kit**



1x Keyboard Kit (Without Keycaps & Switches)

### Including

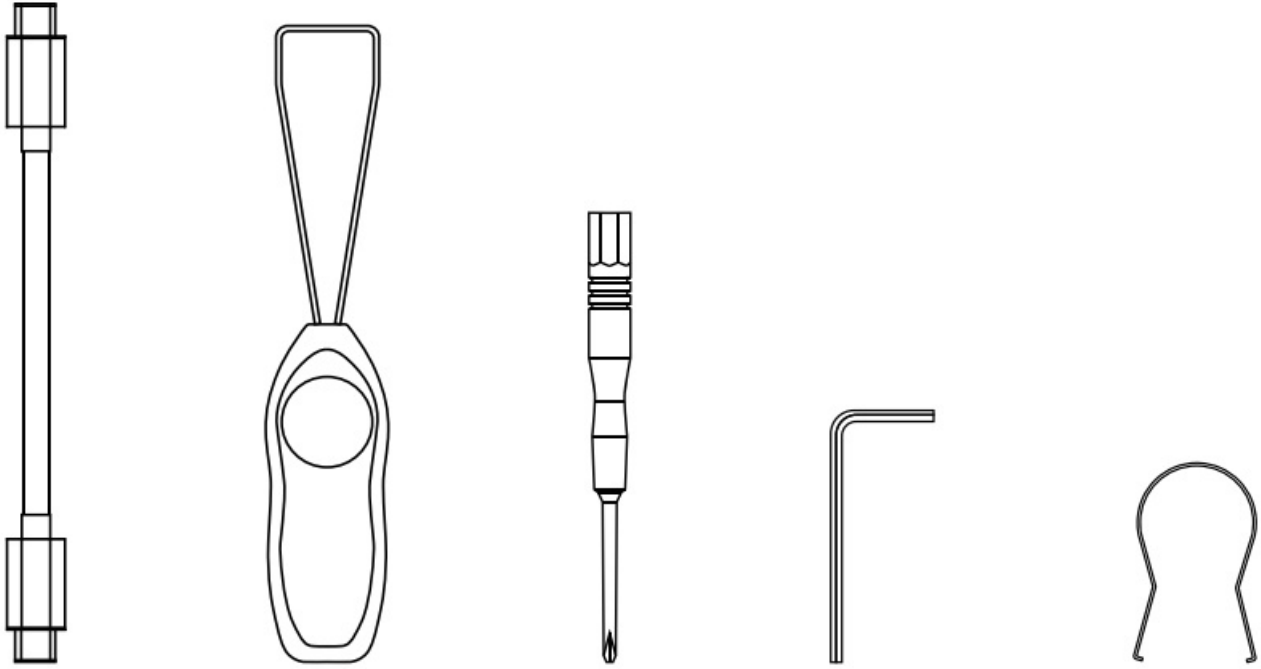
- 1x Case
- 1x PCB
- 1x Steel Plate
- 1x Sound Absorbing Foam
- 1x Silicone Bottom Pad
- 4 Sets x Stabilizers

### Cable

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

### Tools

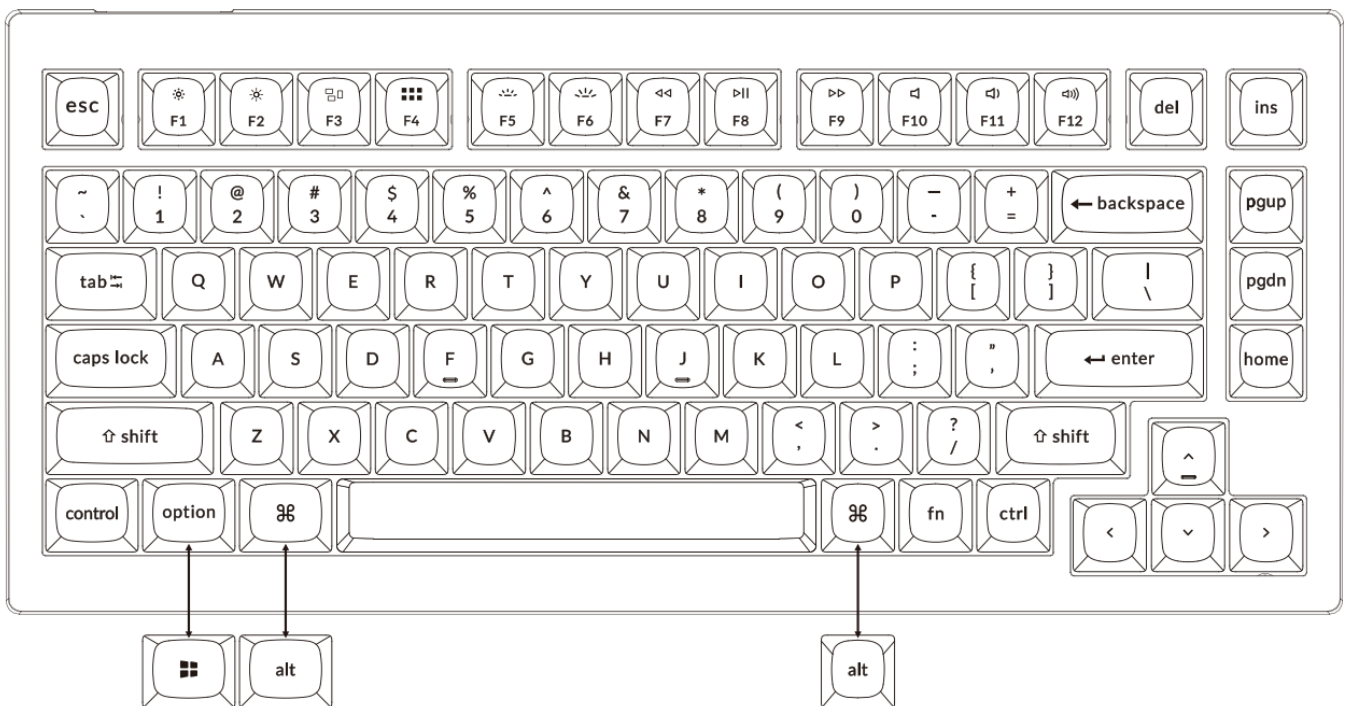
- 1x Switch Puller
- 1x Keycap Puller
- 1x Screwdriver
- 1x Hex Key



## QUICK START GUIDE

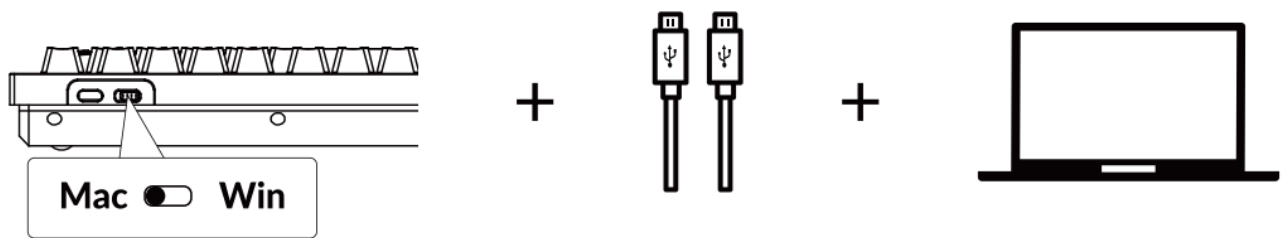
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

### Mac / Windows



#### 1. Switch To The Right System

Please make sure the system toggle on the top left corner has been switched to the same system as your computer's operating system.



## 2. The VIA Key Remapping Software

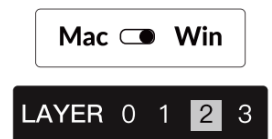
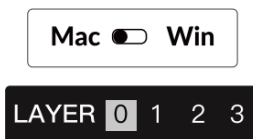
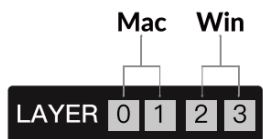
Please visit [caniusevia.com](https://caniusevia.com) to download the latest VIA software to remap the keys.

If the VIA software cannot recognize your keyboard, please reach out to our support to get the instruction.



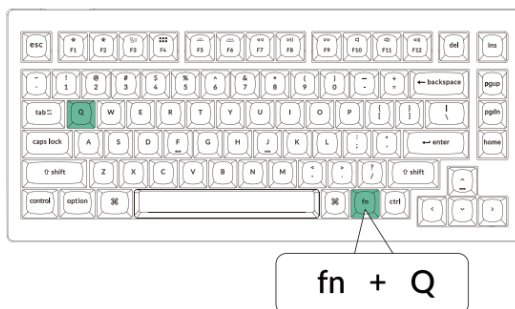
## 3. The Layers

- There keyboard. are The four layer layers 0 of and key layer 1 settings are on for the the Mac system. the The Windows layer 2 and system. layer 3 are for the Windows system.
- If your system toggle is switched to Mac, then the layer 0 will be activated
- If your system toggle is switched to Windows, then the layer 2 will be activated. Remember that if you are using it in Windows mode, please make changes to the layer 2 instead of the top layer ( the layer 0). This is a common mistake people are making.

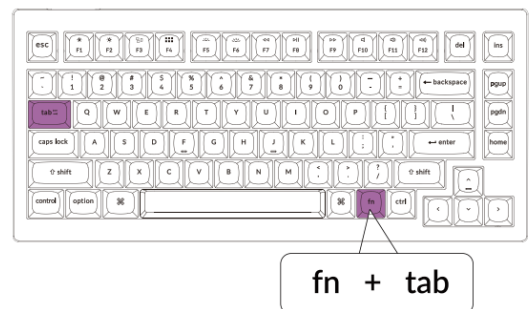


## 4. The Backlight

Press fn + Q to change the lighting effect

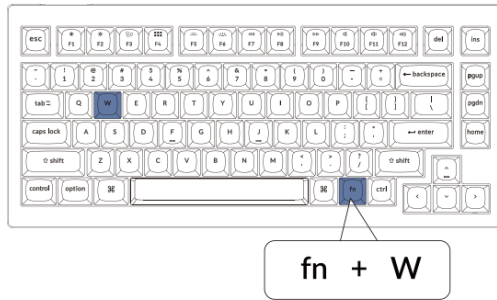


Press fn + tab to turn the backlight on/off

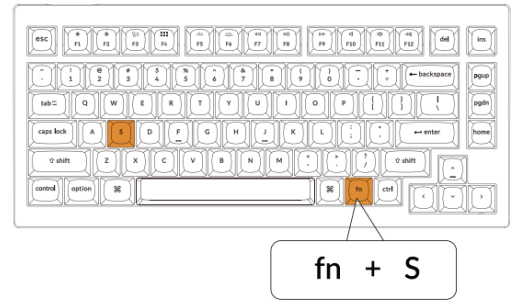


## 5. Adjust The Backlight Brightness

Press fn + W to increase the backlight brightness



Press fn + S to decrease the backlight brightness



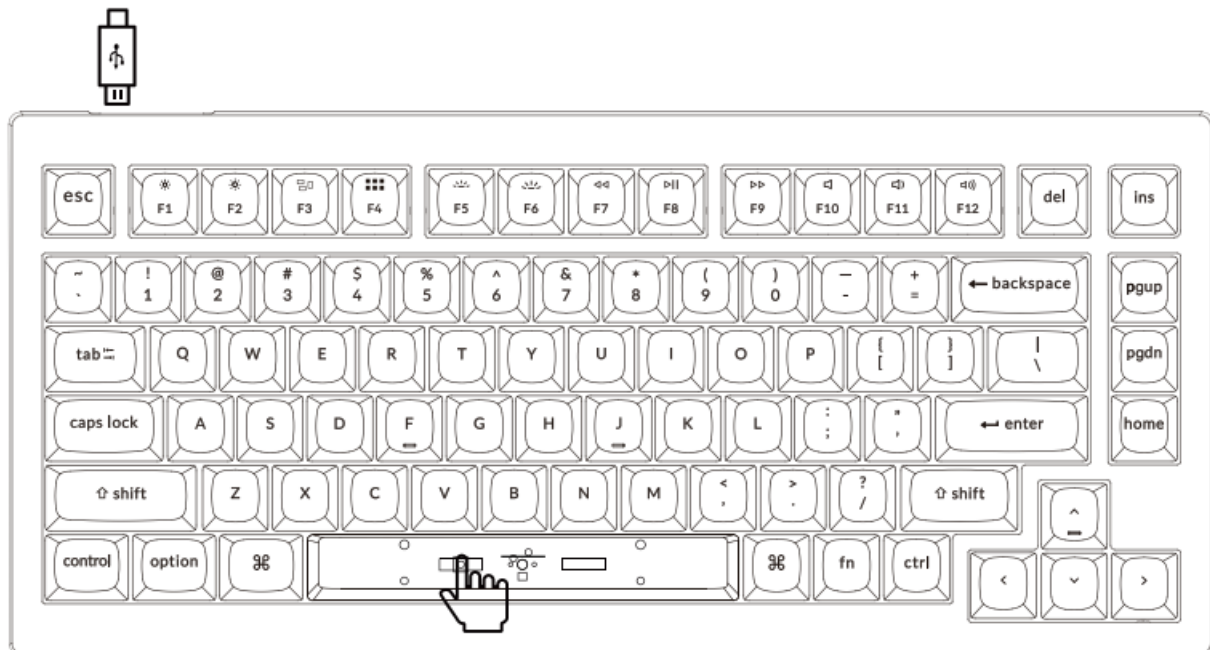
## warranty

The keyboard is highly customizable and easy to be rebuilt. If anything goes wrong with any of the keyboard components of keyboard during the warranty period, we will only replace the defective parts of the keyboard, not the whole keyboard.

## Watch The Building Tutorial

On Our Website If you are building the keyboard for the first time, we highly recommend you watch the building tutorial video on our website first, then start building the keyboard yourself.

## Factory Reset



## Troubleshooting? Don't know what's going on with the keyboard?

1. Try factory reset by pressing fn + J + Z (for 4 seconds).
2. Download the right firmware for your keyboard from our website. Remove the power cable from the keyboard.
3. Remove the space bar keycap to find the reset button on the PCB.
4. Hold the reset key while plugging in the power cable and then release the reset key. The keyboard now will enter DFU mode.
5. Flash the firmware with the QMK Toolbox.
6. Factory reset the keyboard again by pressing fn + J + Z (for 4 seconds).



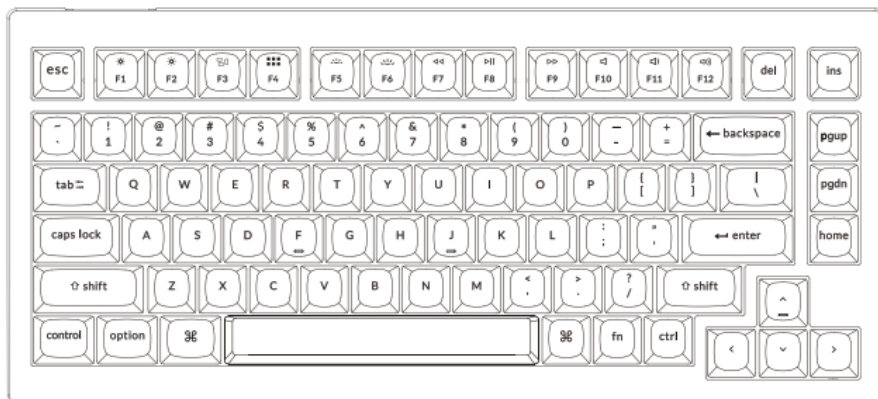
\* Step by step guide can be found on our website.

## V1 CUSTOMIZABLE KEYBOARD SPECIFICATIONS

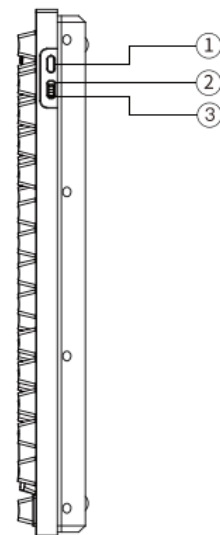
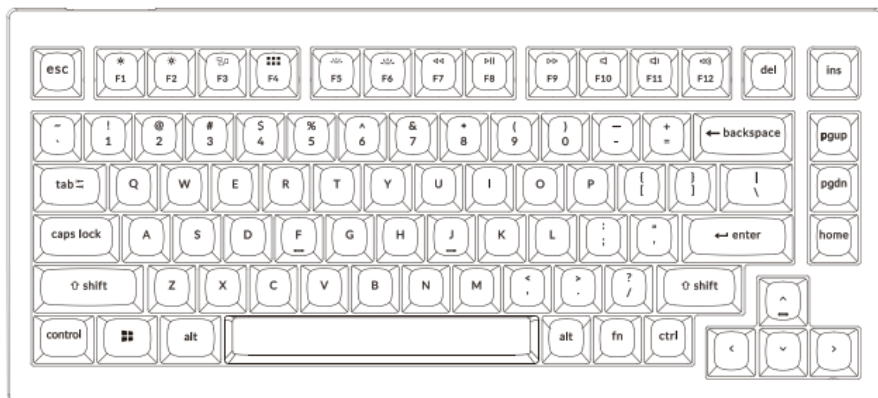
Specifications	
Layout	75%
Switch type	Mechanical
Width	148.72 mm
Length	328.45 mm
Front height	17.87 mm (without keycaps)
Back height	25.84 mm (without keycaps)
Front height	27.30 mm (with OSA keycaps installed)
Back height	36.62 mm (with OSA keycaps installed)
Keyboard feet height	2 mm
Angle	3.5 / 7.08 / 9.52 degree

## V1 MECHANICAL KEYBOARD OVERVIEW

## Mac



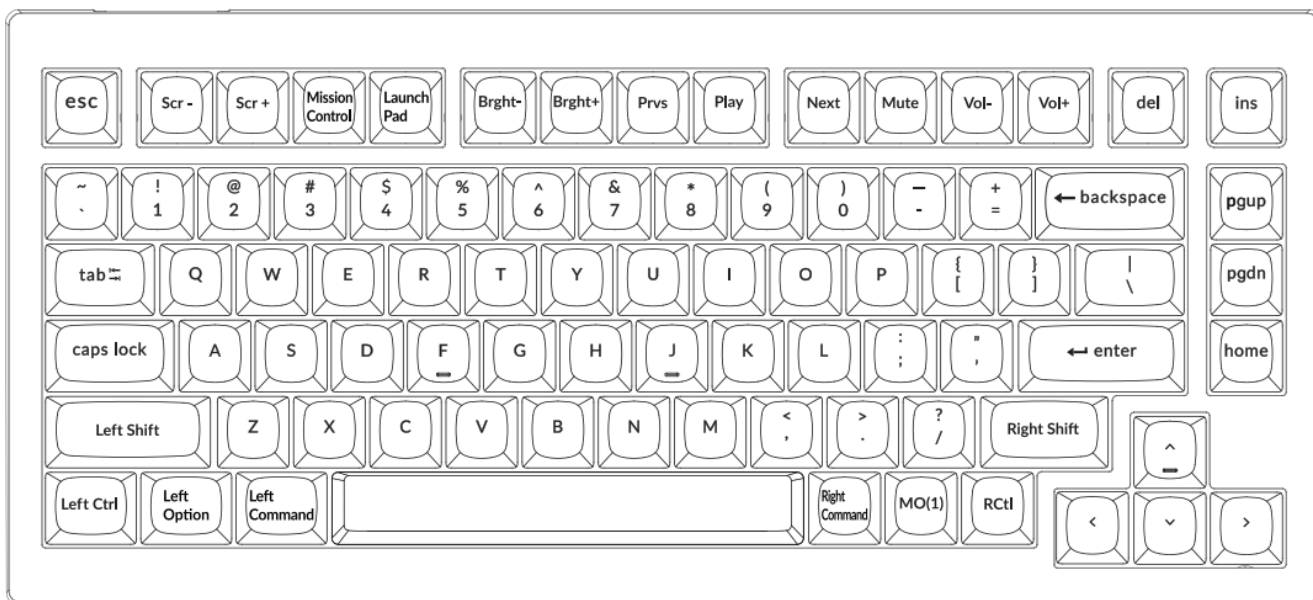
## Windows



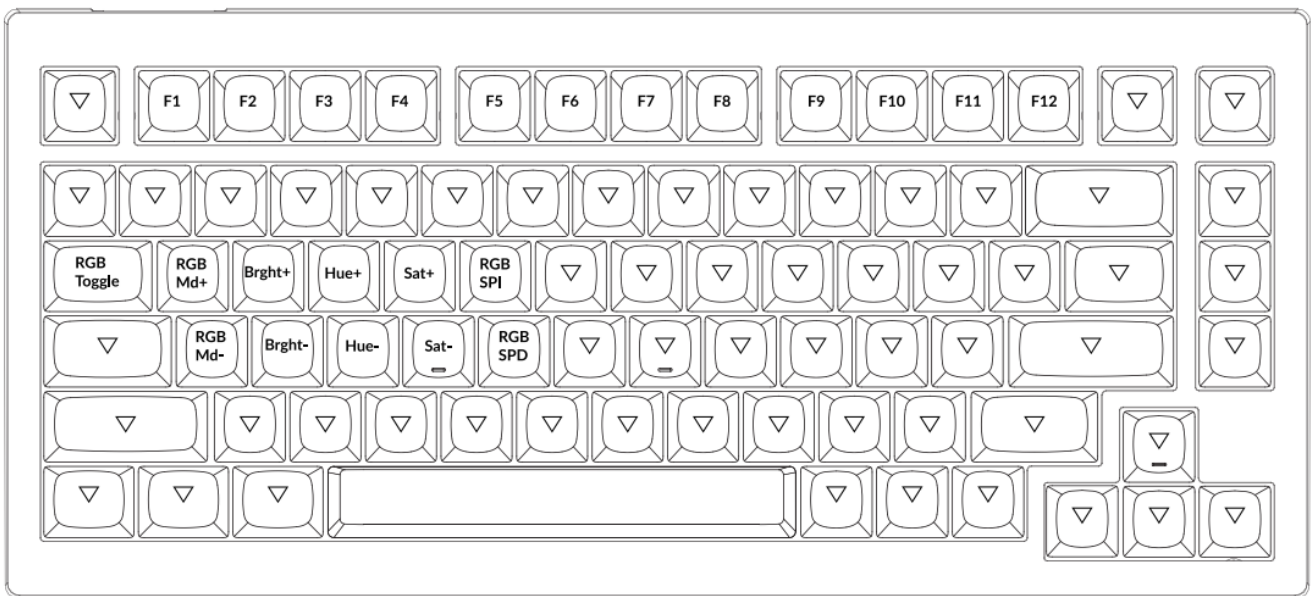
- ① Type-C Port
- ② Mac Layout
- ③ Windows Layout

## DEFAULT KEY LAYOUT

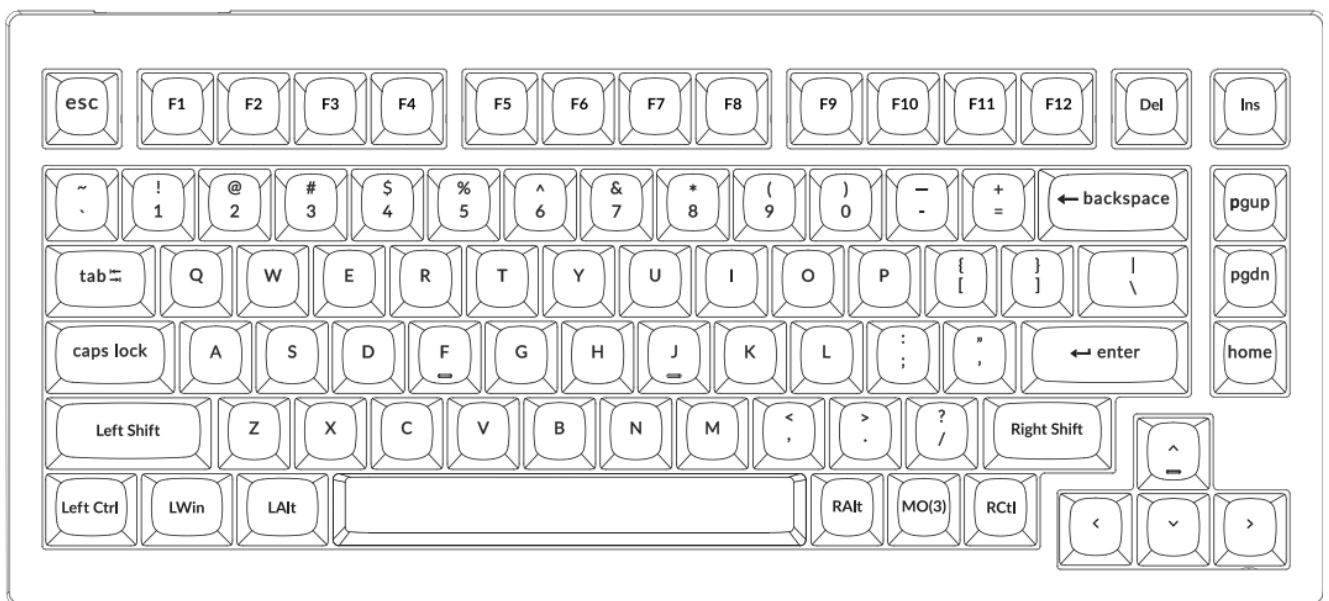
- **LAYER 0:** This layer will be activated when your keyboard's system toggle is switched to Mac.



- **LAYER 1:** This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn/MO(1) key.

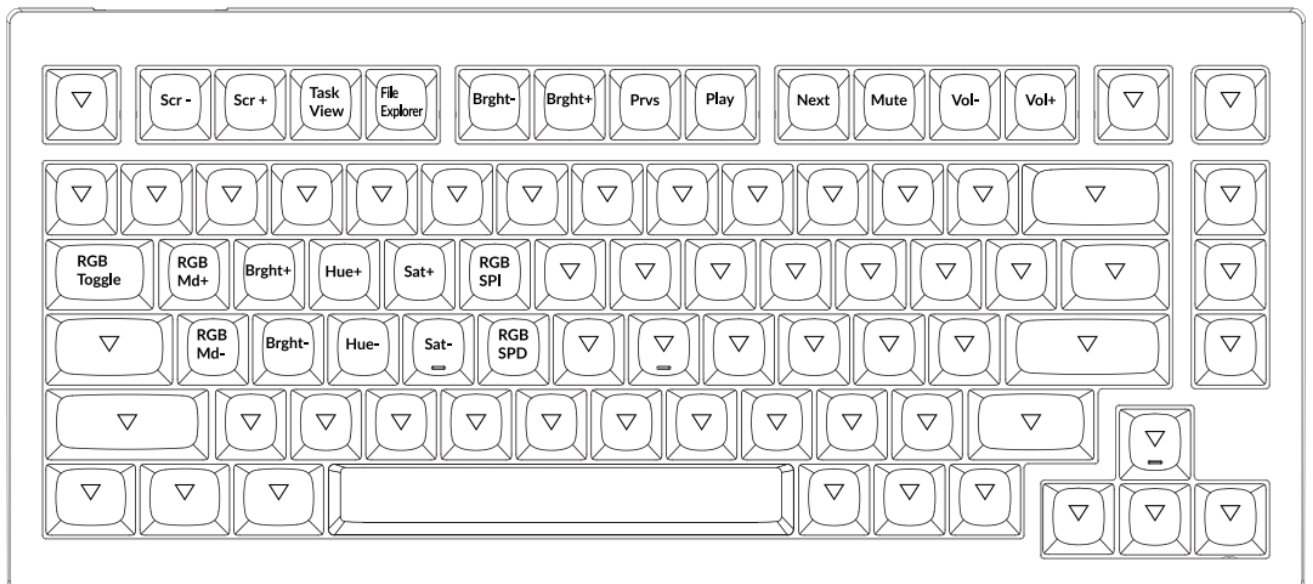


- **LAYER 2:** This layer will be activated when your keyboard's system toggle is switched to Windows.



LWin = Left Windows LAlt = Left Alt RAlt = Right Alt RCtrl=Right Ctrl

- **LAYER 3:** This layer will be activated when your keyboard's system toggle is switched to Windows and press the fn/MO(3) key.



## KEY DESCRIPTION

Key Description		Key Description	
Scr-	Screen Brightness Decrease	RGBMd+	RGB Mode Next
Scr+	Screen Brightness Increase	RGBMd-	RGB Mode Previous
Bright-	Backlight Decrease	Hue+	Hue Increase
Bright+	Backlight Increase	Hue-	Hue Decrease
Prvs	Previous	RGB SPI	RGB Speed Increase
Play	Play/Pause	RGB SPD	RGB Speed Decrease
Next	Next	MO(1)	Layer 1 will be activated when holding this key
Mute	Mute	MO(3)	Layer 3 will be activated when holding this key
Vol-	Volume Decrease		
Vol+	Volume Increase		
RGB Toggle	Turn Backlight on/off		

- **Third party input tools are not compatible with the keyboard.**

Due to compatibility, versions, brands and drivers of Windows/macOS, functionalities of third Party input tools may be affected while using the keyboard. Please make sure your operating system and drivers are up to date.

- **Certain fn keys or multimedia keys does not work under Windows/Android mode.**

Functionalities of certain multimedia keys may be disabled due to compatibility, versions, brands and drivers of Windows/Android OS.

## Safety Precaution

- Keep the product, accessories and packaging parts out of reach of children to prevent any accidents and choking hazards.
- Always keep the product dry to avoid corrosion.
- Do not expose the product to extreme temperatures below -10°C (5° F) or above 50°C (131 °F) to preserve the lifespan of the keyboard.

**Keychron, Inc.**

- Dover, DE 19901, United States
- Find us at: <https://www.keychron.com>
- [Support@keychron.com](mailto:Support@keychron.com)



- @keychron


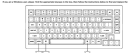



- @keychron



- @keychronMK
- Designed by Keychron
- Made in China

## Documents / Resources

	<a href="#">Keychron V1 Wired Custom Mechanical Keyboard</a> [pdf] User Manual V1 Wired Custom Mechanical Keyboard, V1, Wired Custom Mechanical Keyboard, Custom Mechanical Keyboard, Mechanical Keyboard, Keyboard
	<a href="#">Keychron V1 Wired Custom Mechanical Keyboard</a> [pdf] User Guide V1 Wired Custom Mechanical Keyboard, V1, Wired Custom Mechanical Keyboard, Custom Mechanical Keyboard, Mechanical Keyboard, Keyboard
	<a href="#">Keychron V1 Wired Custom Mechanical Keyboard</a> [pdf] User Manual V1 Wired Custom Mechanical Keyboard, V1, Wired Custom Mechanical Keyboard, Custom Mechanical Keyboard, Mechanical Keyboard, Keyboard

## References

- [🔗 How to use VIA to program your keyboard – Keychron | Wireless Mechanical Keyboards for Mac, Windows and Android](#)
- [User Manual](#)