



# Keychron V3 Wired Custom Mechanical Keyboard User Manual

[Home](#) » [Keychron](#) » Keychron V3 Wired Custom Mechanical Keyboard User Manual 

## Keychron V3 Wired Custom Mechanical Keyboard User Manual



### Contents

- [1 Fully Assembled Version](#)
- [2 Barebone Version](#)
- [3 Quick Start Guide](#)
- [4 V3 CUSTOMIZABLE KEYBOARD SPECIFICATIONS](#)
- [5 V3 MECHANICAL KEYBOARD OVERVIEW](#)
- [6 DEFAULT KEY LAYOUT:](#)
- [7 KEY DESCRIPTION](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)

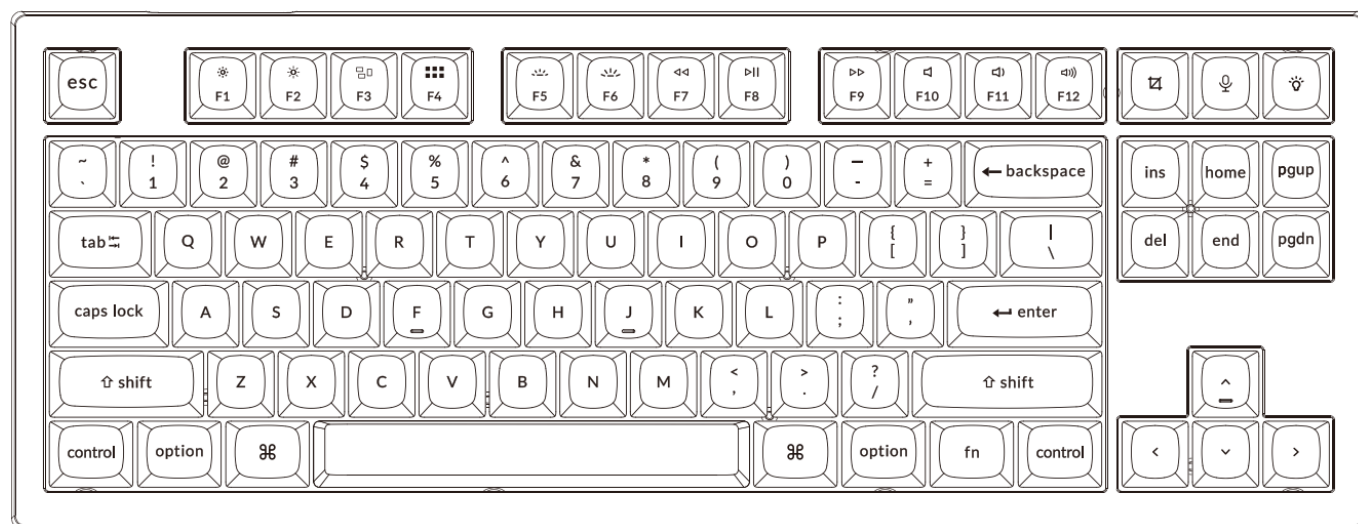
## Fully Assembled Version

### Keyboard

- 1x Fully Assembled Keyboard Including 1x Case
- 1x PCB 1x Steel Plate 1x Sound Absorbing Foam
- 1x Silicone Bottom Pad 5 Sets x Stabilizers

1 Set x Keycaps (PBT Double-shot)

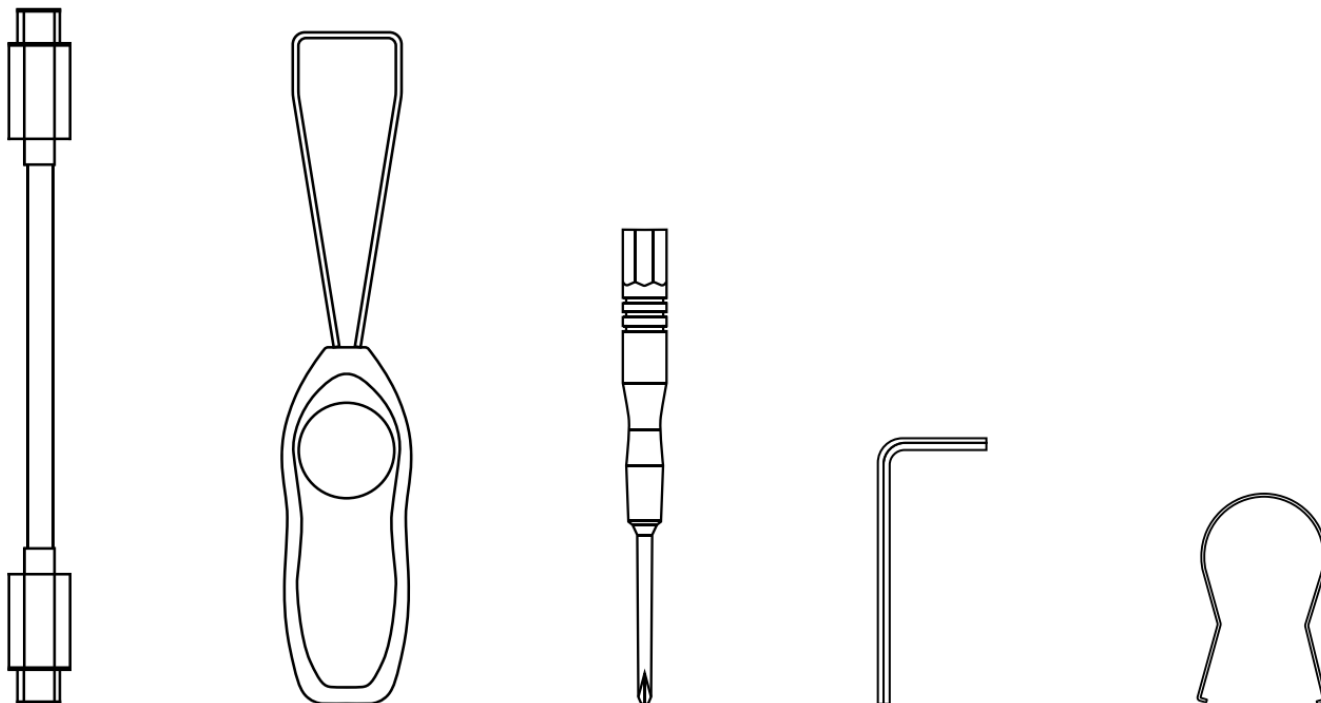
1 Set x Switches



### Cable

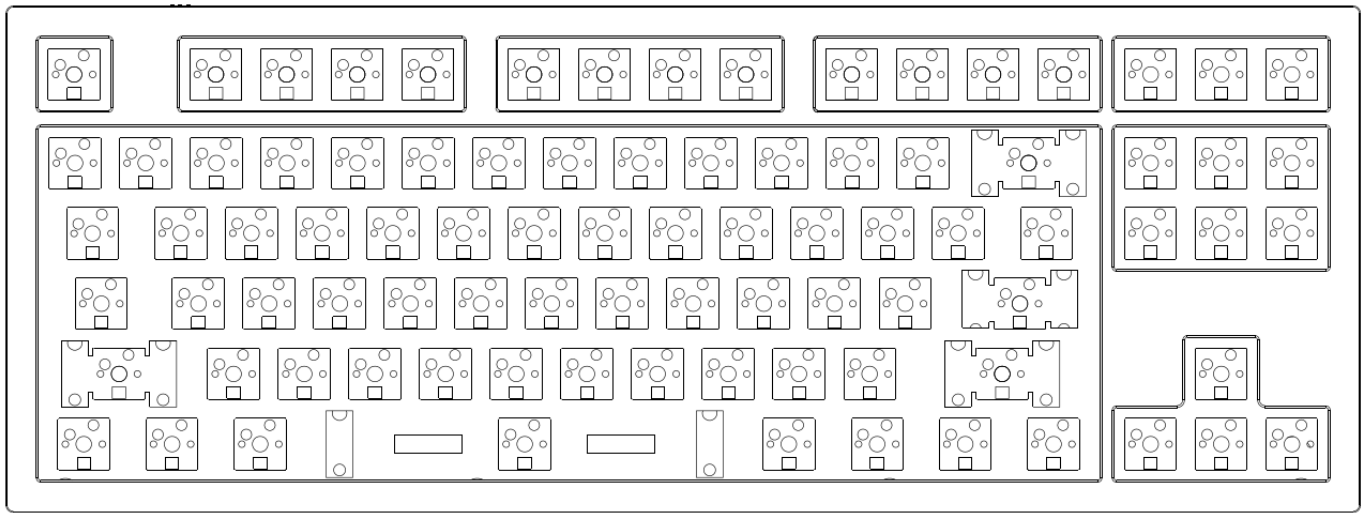
1x Type-C to Type-C Cable

1x Type-A to Type-C Adapter



**Barebone Version**

**Keyboard Kit**



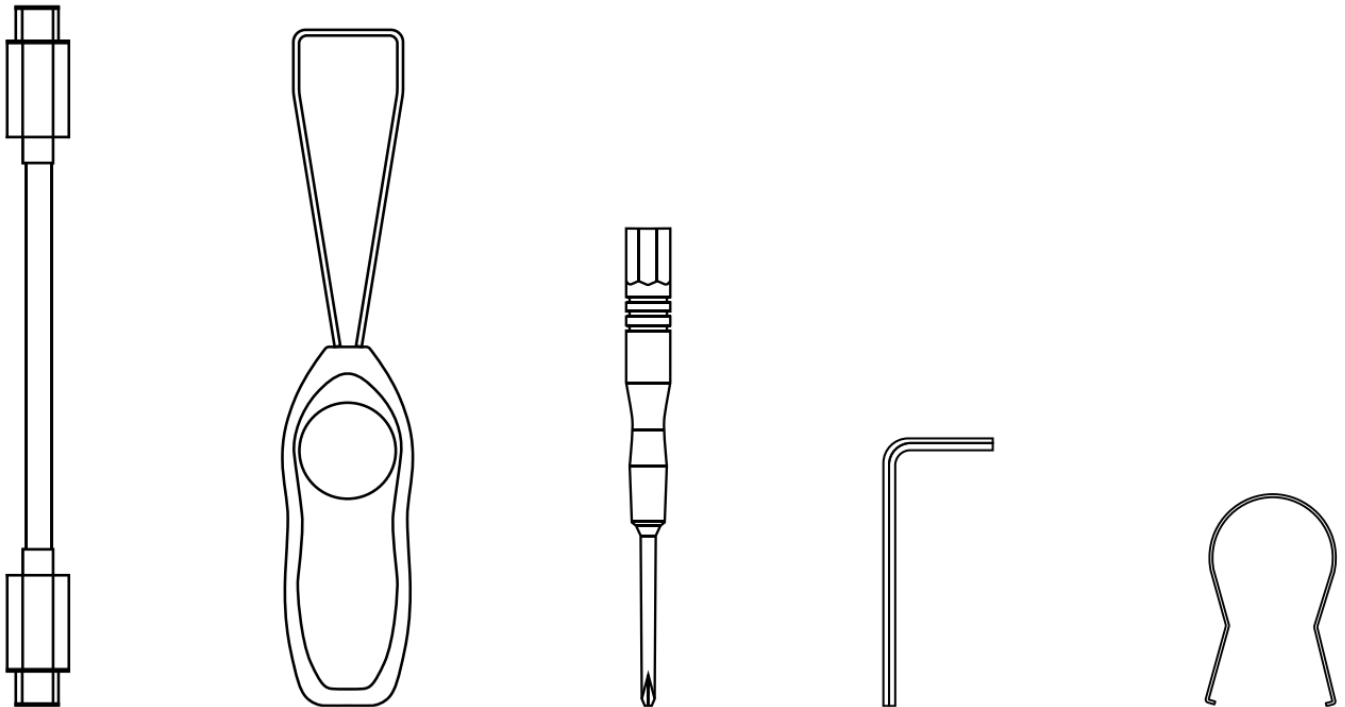
Kit 1x Keyboard Kit (Without Keycaps & Switches)

**Including**

1x Case

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

5 Sets x Stabilizers



**Cable**

1x Type-C to Type-C Cable

1x Type-A to Type-C Adapter

**Tools**

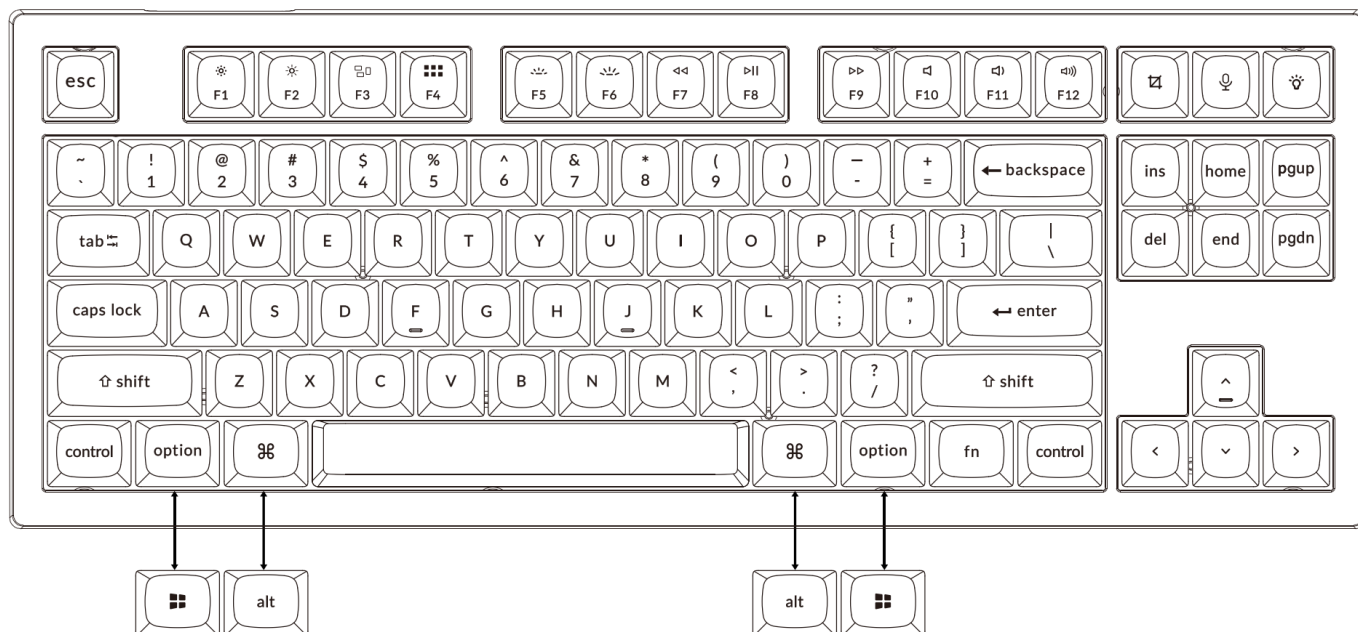
1x Switch Puller 1x Keycap Puller

1 Screwdriver 1x Hex Key

**Quick Start Guide**

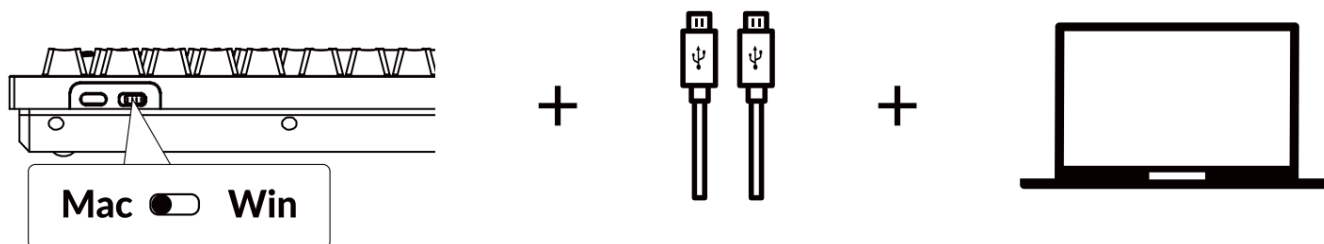
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

**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.

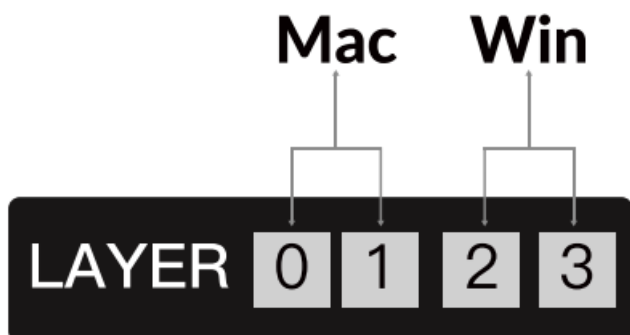


### 2. The VIA Key Remapping Software

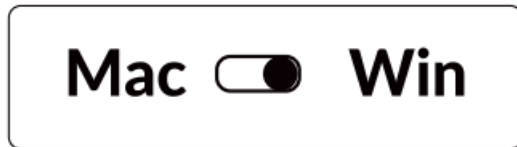


Please visit : [caniusevia.com](https://caniusevia.com) to download the latest VIA software to remap the keys. If the VIA software cannot recognize your keyboard, please reach out to our support to get the instruction.

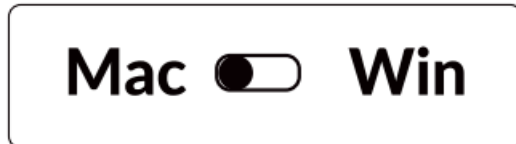
### 3. The Layers



There are four layers of key settings on the keyboard. The layer 0 and layer 1 are for the Mac system. The layer 2 and layer 3 are for the Windows system.



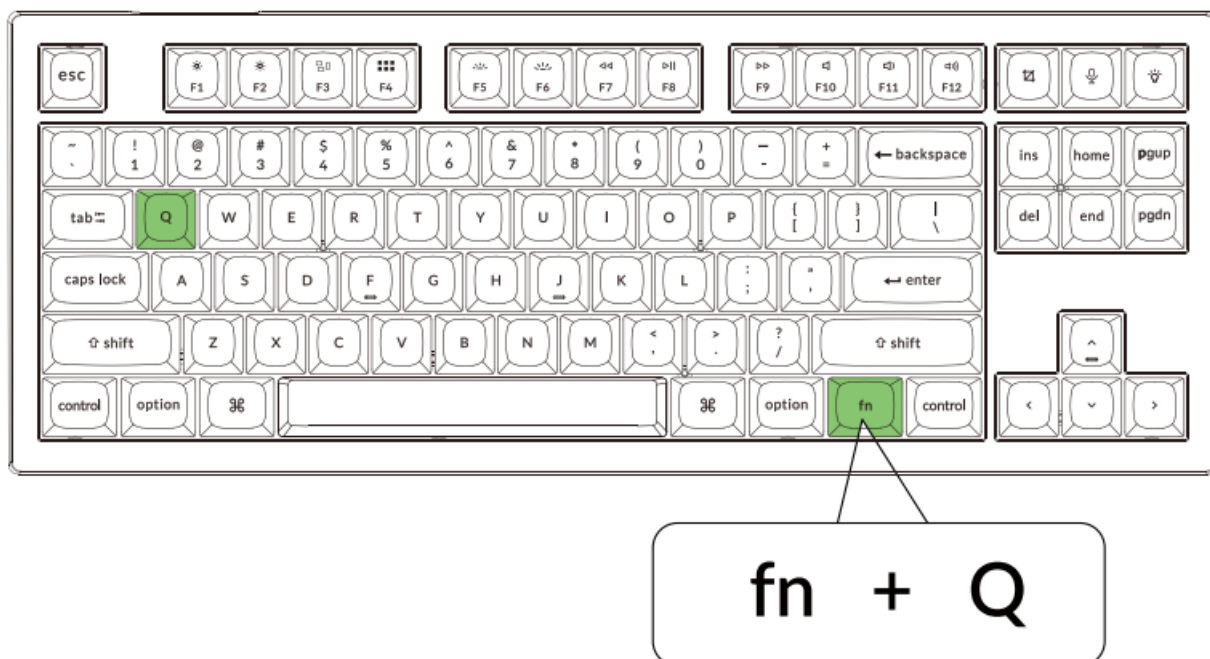
If your system toggle is switched to Mac, then the layer 0 will be activated,



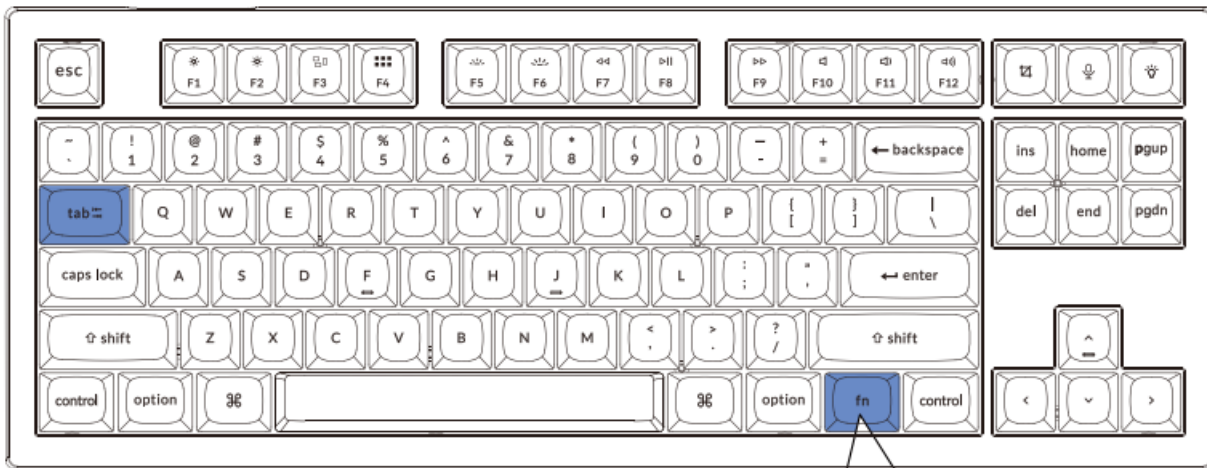
If your system toggle is switched to Windows, then the layer 2 will be activated. Remember that if you are using it in Windows mode, please make changes to the layer 2 instead of the top layer the layer 0. This is a common mistake people are making.

#### 4. The Backlight

Press fn + Q to change the lighting effect



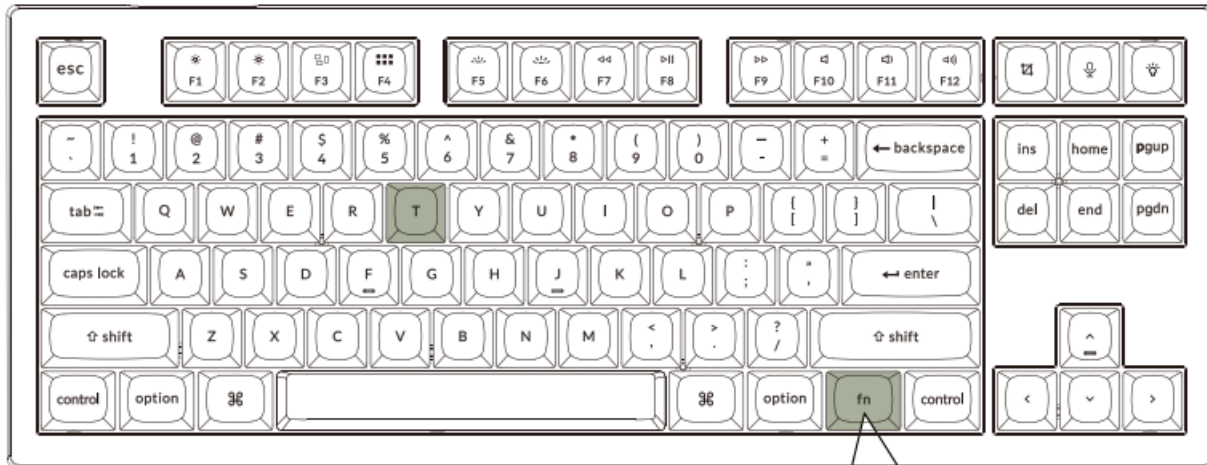
Press fn + tab to turn the backlight on/off



fn + tab

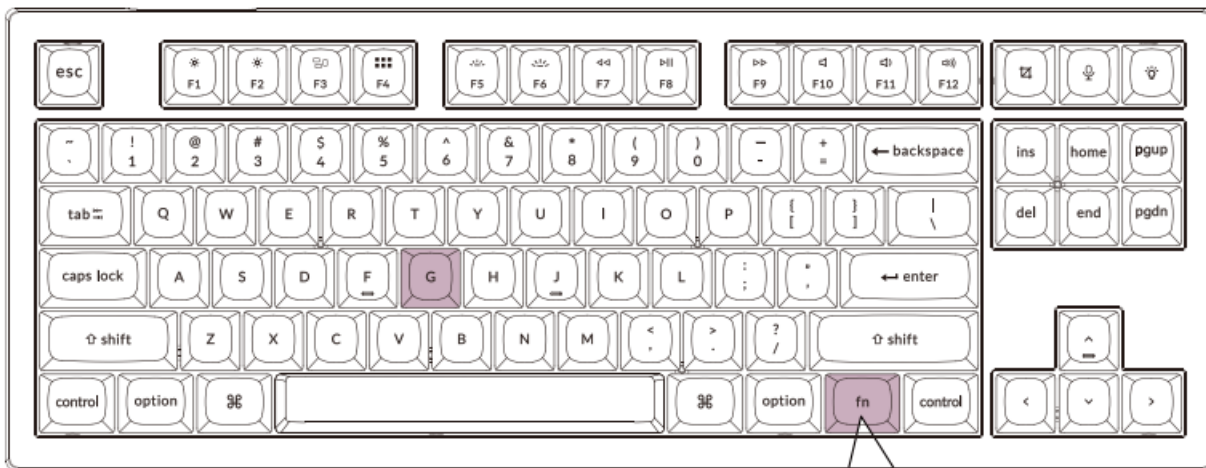
## 5. Adjust The Backlight Brightness

Press fn + W to increase the backlight brightness



fn + T

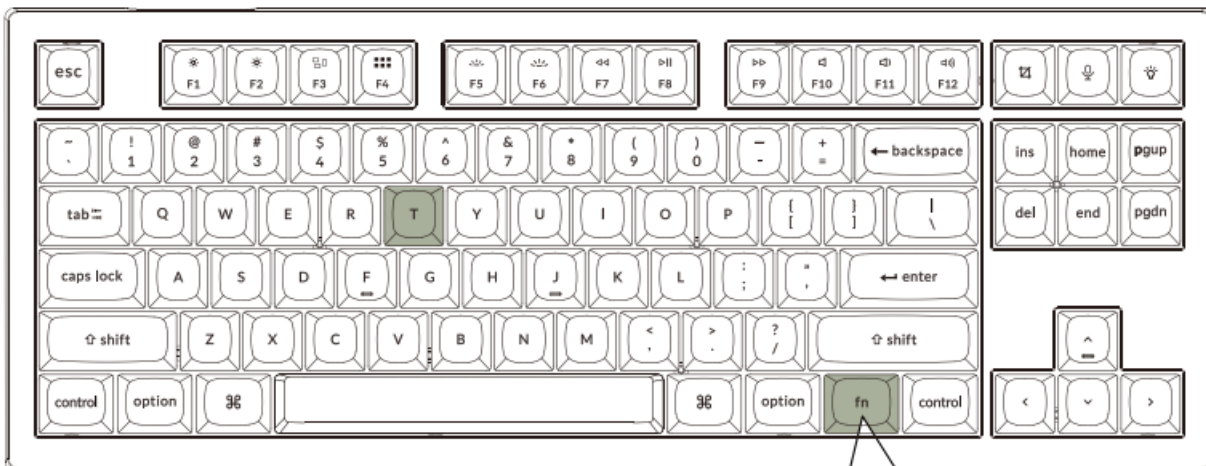
Press fn + 5 to decrease the backlight brightness



fn + G

## 6. Adjust The Back Light Speed

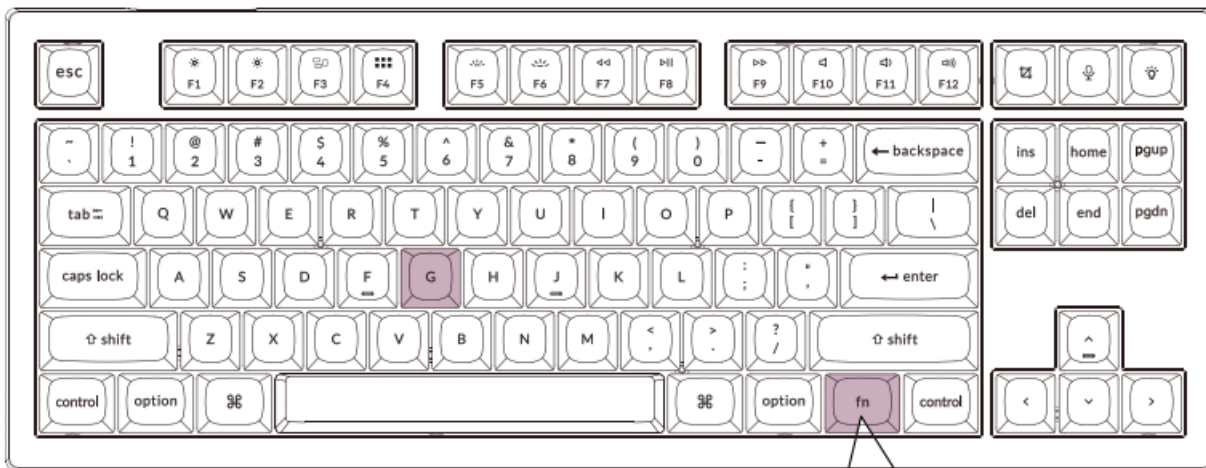
Press fn + T to increase the light effect speed



fn + T

Press fn + G to decrease the light effect speed





fn + G

## 7. Activate Siri / Cortana

For Siri on **Mac**: Go to System preferences> Siri > select “Hold Command Space” option. “Siri key only works on macOS and does not work on iOS.



Settings

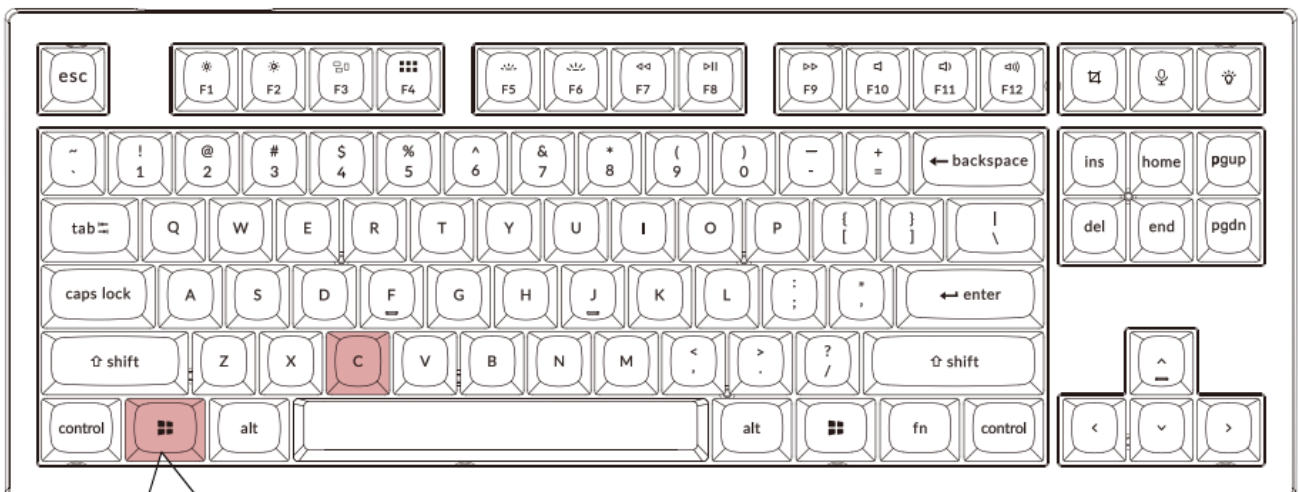


Siri



Hold Command Space

For Cortana on Windows: Select Start > Settings > Cortana and select the shortcut by pressing Windows key + C key. \*Windows Cortana is only available for Windows 10 and above OS. Cortana is only available in certain countries / regions and might not work everywhere.



Windows key + C

## 8. 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.

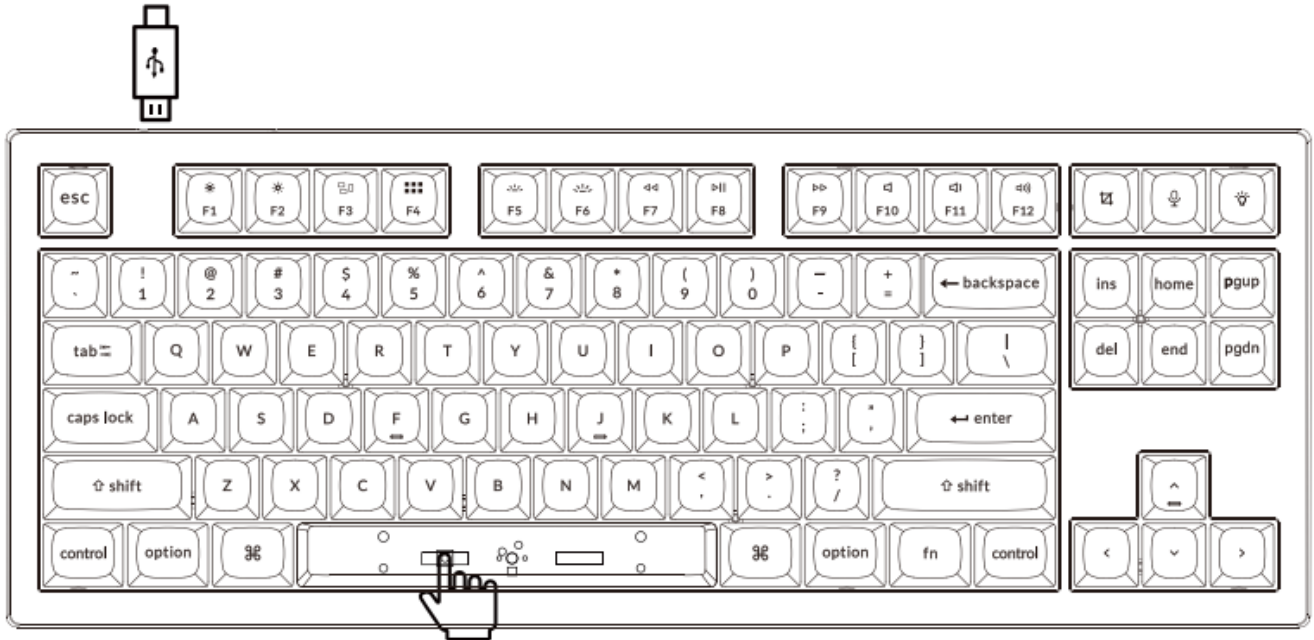
### Warranty

## 9. 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.

### TUTORIAL

## 10. Factory Reset



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

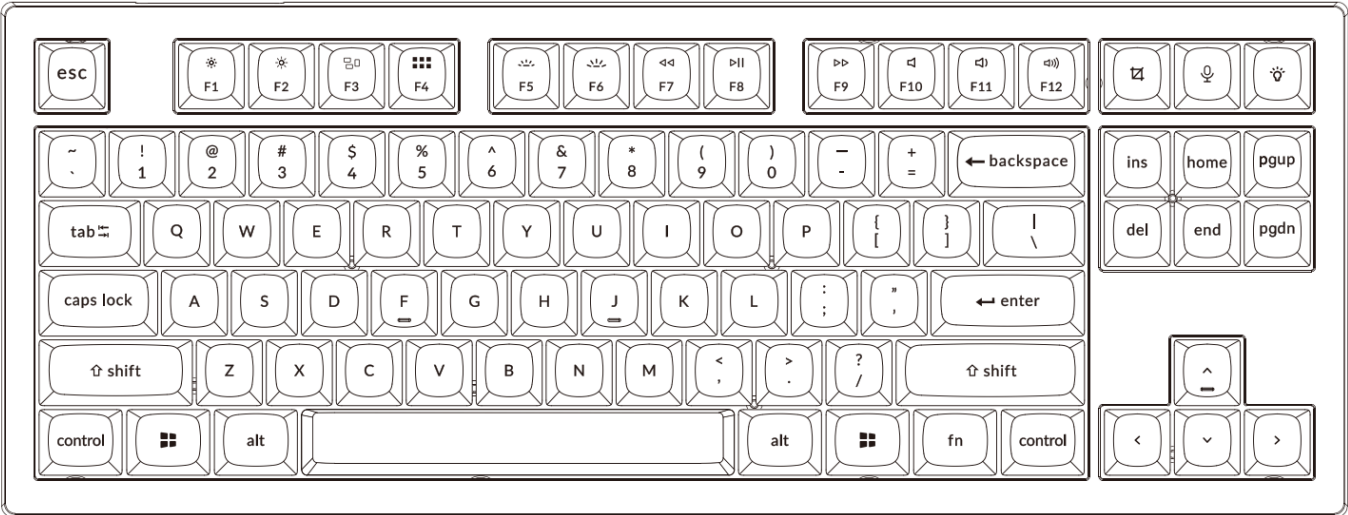
1. Plug in the power cable and factory reset the keyboard by pressing fn+)+Z (for 4 seconds).
  2. Download the right firmware and QMK Toolbos from our website.
  3. Unplug the power cable and remove the space bar keycap to find the SE reset button on the PCB. –
  4. Hold the reset key irt, then plus in the power cable. Release the reset key, and the keyboard will now enter DFU mode. =IO T Y= O =
  5. Flash the firmware with the QMK Toolbox. s – –
  6. Factory reset the keyboard again by pressing fn + J + Z (for 4 seconds).
- + Step by step guide can be found on our website.

## V3 CUSTOMIZABLE KEYBOARD SPECIFICATIONS

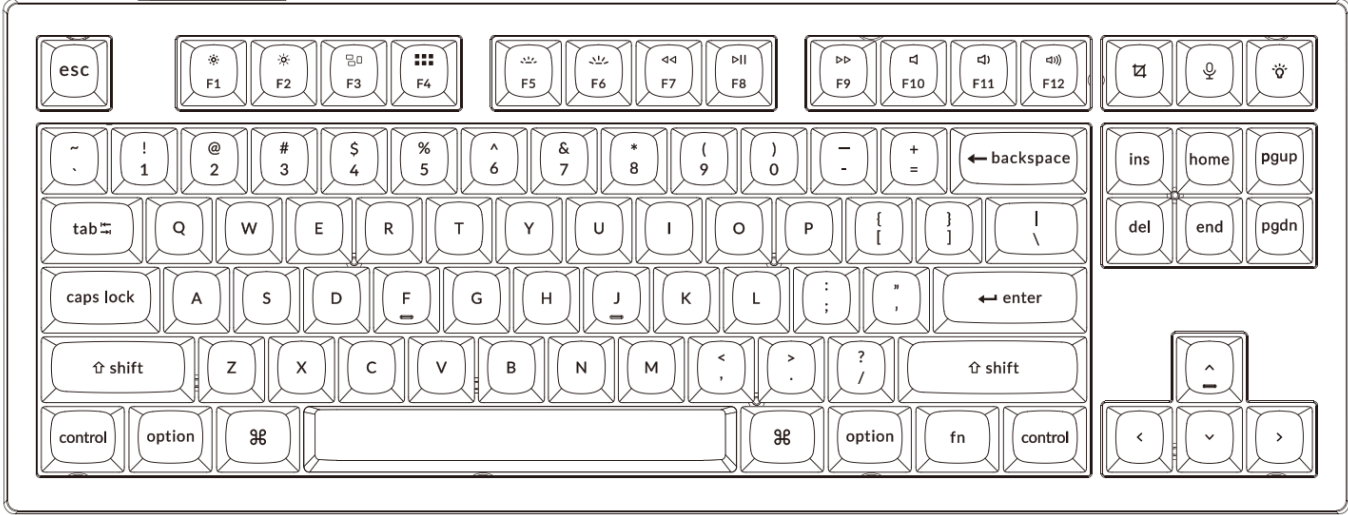
Specifications	
Layout	TKL
Switch type	Mechanical
Width	140.56 mm
Length	366.70 mm
Front height	19.44 mm (without keycaps)
	28.25 mm (with keycaps installed)
Back height	26.83 mm (without keycaps)
	37.03 mm (with keycaps installed)
Keyboard feet height	2 mm
Angle	3.5 / 7.26 / 9.69 degree

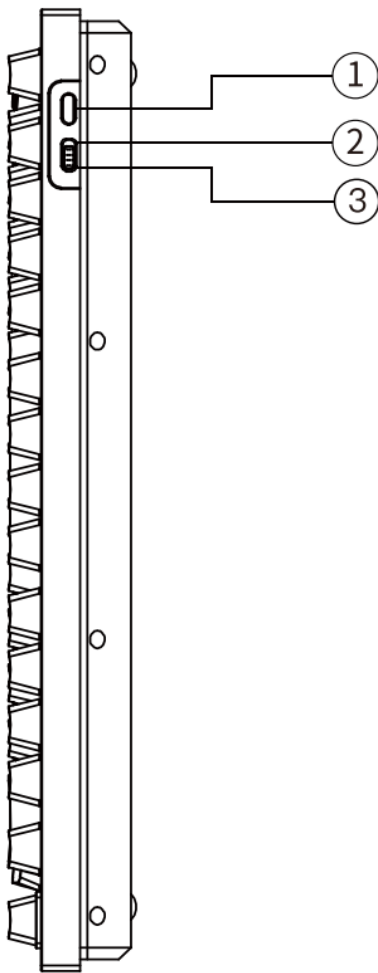
V3 MECHANICAL KEYBOARD OVERVIEW

Mac



Windows

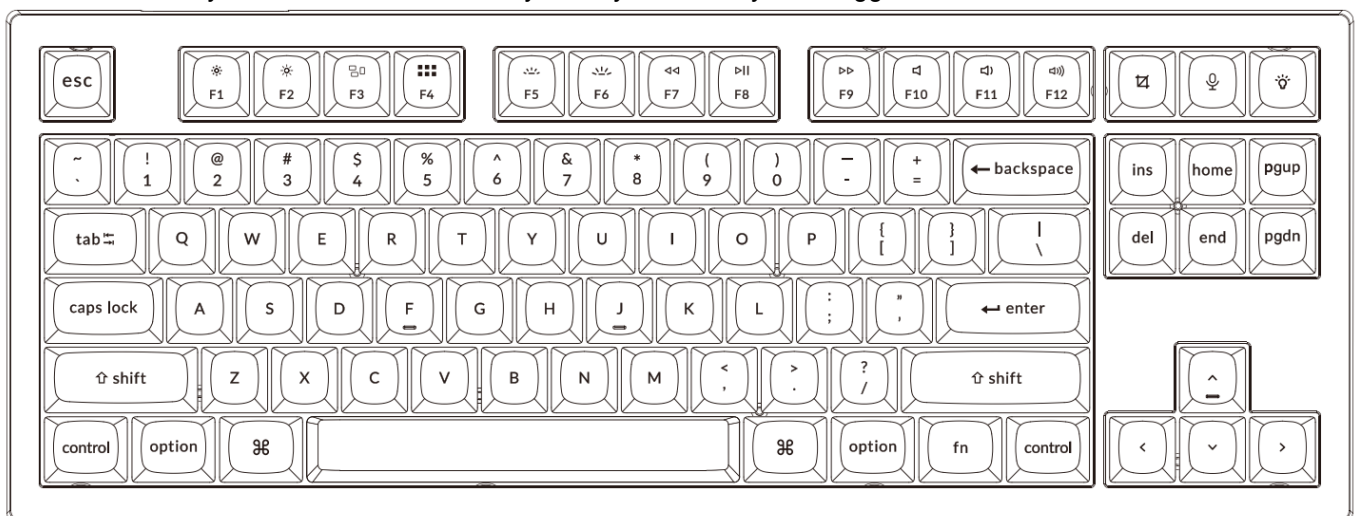




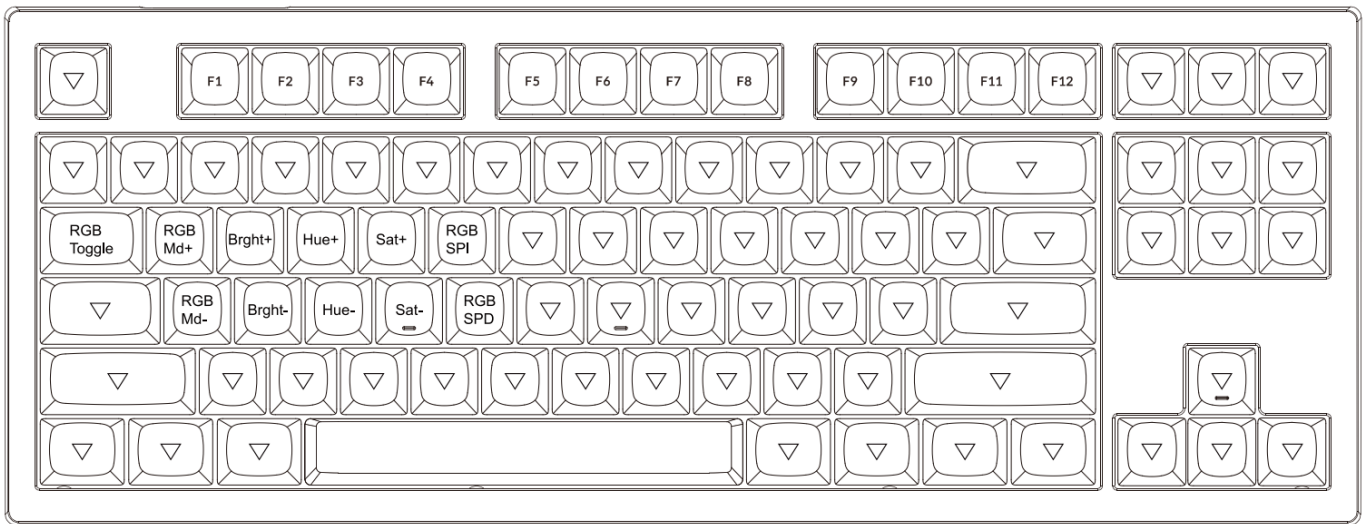
1. Type-C Port
2. Mac Layout
3. Windows Layout

## DEFAULT KEY LAYOUT:

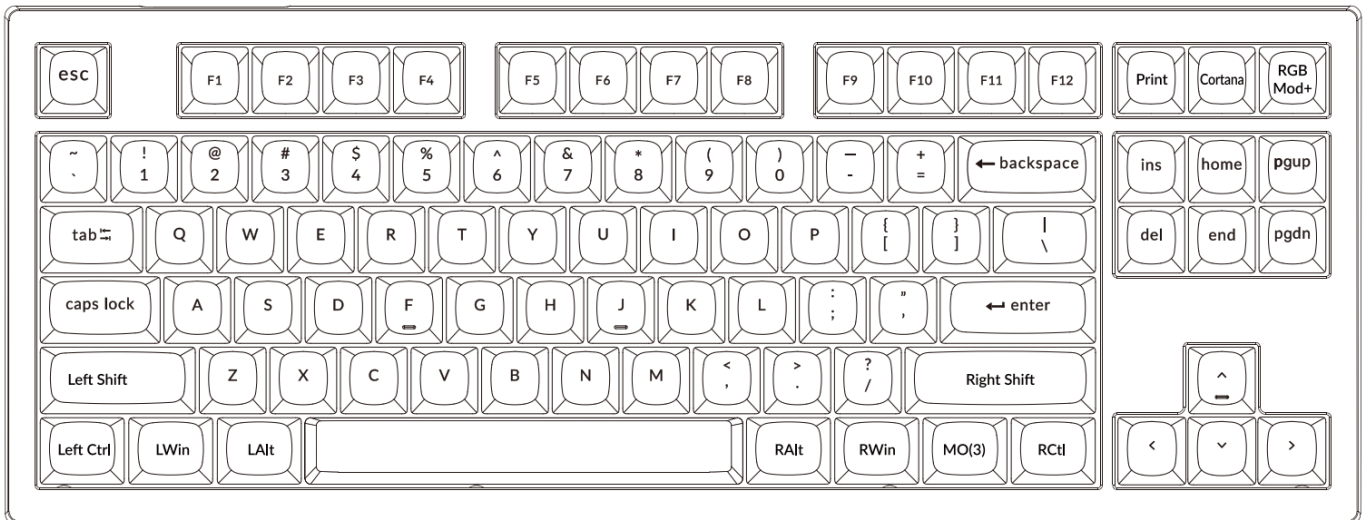
**LAYER 0:** This layer will be activated when your keyboard "s system toggle is switched to Mac.



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

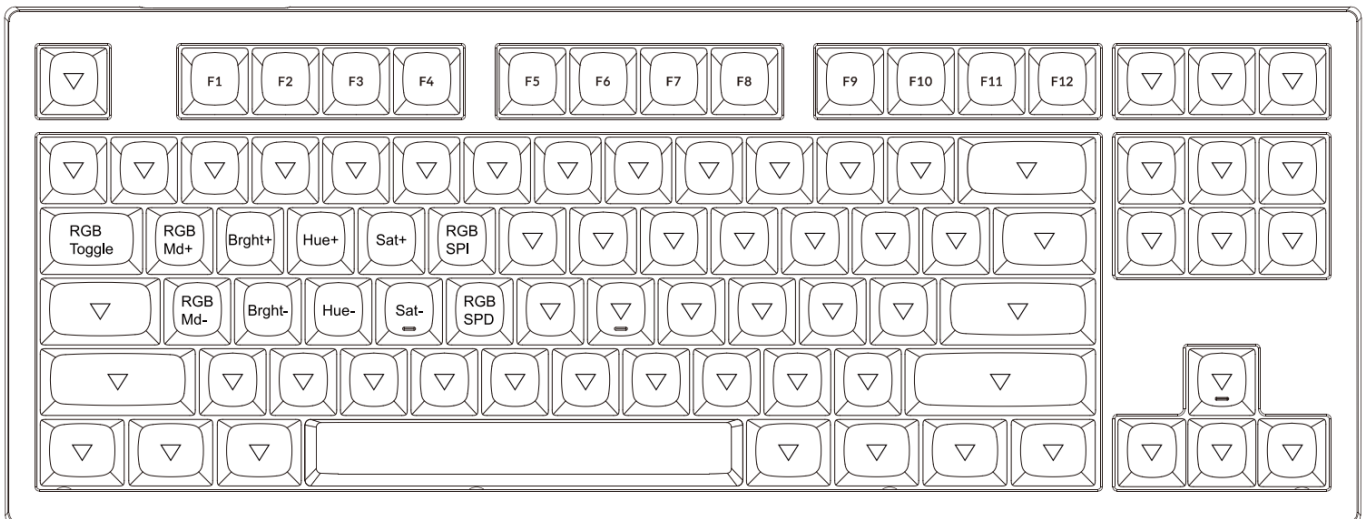


**LAYER 2:** This layer will be activated when your keyboard's system toggle is switched to Windows.



LWin = Left Windows LAlt = Left Alt RAlt = Right Alt RWin = Right Windows 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(2)	Layer 2 will be activated when holding this key
			Layer 3 will be activated
Vol-	Volume Decrease	MO(3)	when holding this key
Vol+	Volume Increase	MO(4)	Layer 4 will be activated when holding this key
RGB Toggle	Turn Backlight on/off		

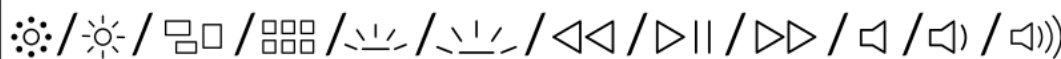
### Third-party input tools are not compatible with the keyboard.

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 multimedia keys or function keys do not work.

Functions of certain multimedia keys may be disabled due to compatibility, versions, brands, and drivers of devices.

#### \*Multimedia keys:



#### Function keys:

F1 / F2 / F3 / F4 / F5 / F6 / F7 / F8 / F9 / F10 / F11 / F12

### Safety Precaution:

Keep the product, accessories and packaging parts out of the 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.

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



@keychron



@keychron



@keychron MK

Designed by Keychron

Made in China

V3 Keymap JSON file:

[https://cdn.shopify.com/s/files/1/0059/0630/1017/files/V3\\_US\\_V1.3.json.zip?v=1664436566](https://cdn.shopify.com/s/files/1/0059/0630/1017/files/V3_US_V1.3.json.zip?v=1664436566)

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>


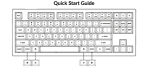
V3 Source Code:

[https://github.com/Keychron/qmk\\_firmware/tree/playground/keyboards/keychron/v3](https://github.com/Keychron/qmk_firmware/tree/playground/keyboards/keychron/v3)



# Keychron

## Documents / Resources

	<a href="#">Keychron V3 Wired Custom Mechanical Keyboard</a> [pdf] User Manual V3 Wired Custom Mechanical Keyboard, V3, Wired Custom Mechanical Keyboard, Custom Mechanical Keyboard, Mechanical Keyboard, Keyboard
	<a href="#">Keychron V3 Wired Custom Mechanical Keyboard</a> [pdf] User Guide V3, V3 Wired Custom Mechanical Keyboard, Wired Custom Mechanical Keyboard, Custom Mechanical Keyboard, Mechanical Keyboard, Keyboard

## References

- [qmk\\_firmware/keyboards/keychron/v3 at playground · Keychron/qmk\\_firmware · GitHub](#)
- [How to use VIA to program your keyboard – Keychron | Wireless Mechanical Keyboards for Mac, Windows and Android](#)
- [User Manual](#)