



# Keychron V1MAX Wireless Mechanical Keyboard User Manual

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**Keychron V1MAX Wireless Mechanical Keyboard**



## Product Information

### Specifications

- **Model:** LUHOHVVF KDQLFDOHERDUG
- **Power Supply:** 3DUWRIWKH)&&5XOHV
- **Operating Voltage:** 2SHUDWLRQLVVXEMHFW
- **Compatible with:** IROORZLQJWZRFRQGLWLRQV

### Product Usage Instructions

#### Step 1: Power Supply Connection

Before using the product, ensure that it is properly connected to the power supply. Use the provided 3DUWRIWKH)&&5XOHV to connect the product to a suitable power source.

#### Step 2: Initial Setup

Once the product is connected to the power supply, it needs to be initialized. Follow the steps below to complete the initial setup:

1. Make sure the product is turned off.
2. Press and hold the power button for 5 seconds to turn on the product.
3. Wait for the product to boot up and follow the on-screen instructions to configure the settings.

#### Step 3: Using the Product

After completing the initial setup, you can now start using the product. Here are some important points to keep in mind:

## Product Features

- LQWHUIHUHQFHUHFHLYHG  
LQFOXGLQJLQWHUIHUHQFHWKDWPDFDXVHXQGHVLUHGRSHUDWLRQ
- WHQQDVPXVWQRWEHFRORFDWHGRURSHUDWLRQLQFRQMXQFWLRQZLWKDQRWKHUDQWHQQDRU  
WUDQVPLWWHU

## Operating Instructions

1. Make sure the product is turned on.
2. Use the provided controls to navigate through the product's menu.
3. Select the desired options or settings by pressing the corresponding buttons.
4. Follow any additional on-screen instructions for specific functions or features.

## Frequently Asked Questions (FAQ)

- **Q: Is the product compatible with other devices?**

A: Yes, the product is compatible with IROORZLQJWZRFRQGLWLRQV. Make sure to check the compatibility before connecting any other devices.

- **Q: How do I troubleshoot any issues with the product?**

A: If you experience any issues with the product, refer to the troubleshooting section in the user manual. If the problem persists, contact our customer support for further assistance.

## Fully Assembled Version

- **Keyboard**

1x Fully Assembled Keyboard

- **Including**

- 1x Case
- 1x PCB
- 1x PC Plate
- 1x PET Foam
- 1x Case Foam
- 1x Sound Absorbing Foam
- 4 Sets x Stabilizers
- 1 Set x Keycaps (PBT Double-shot)
- 1 Set x Switches

- **Cable**

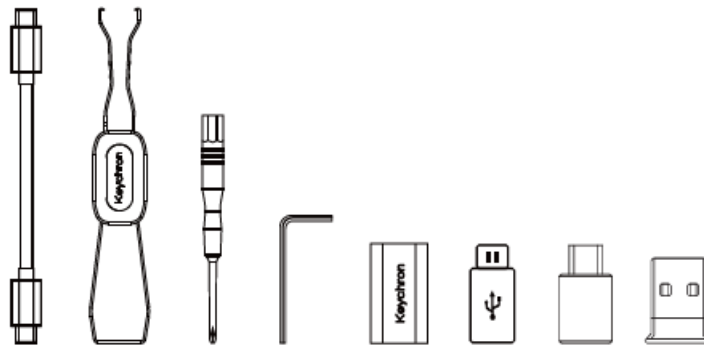
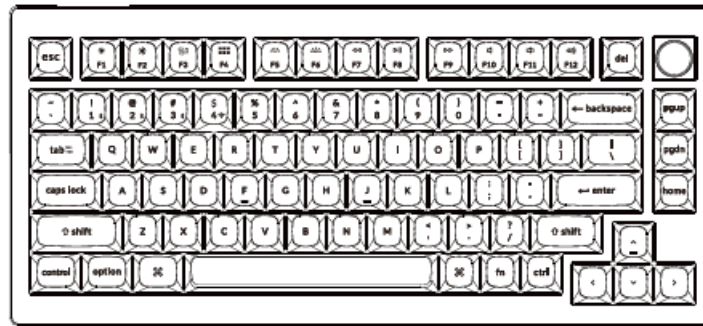
- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Extension Adapter For Receiver

- **Receiver**

- 1x Type-A 2.4GHz Receiver
- 1x Type-C 2.4GHz Receiver

- **Tools**

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



## Barebone Version

- **Keyboard Kit**

- 1x Keyboard Kit (Without Keycaps & Switches) Including
- 1x Case
- 1x PCB
- 1x PC Plate
- 1x PET Foam
- 1x Case Foam
- 1x Sound Absorbing Foam
- 4 Sets x Stabilizers

- **Cable**

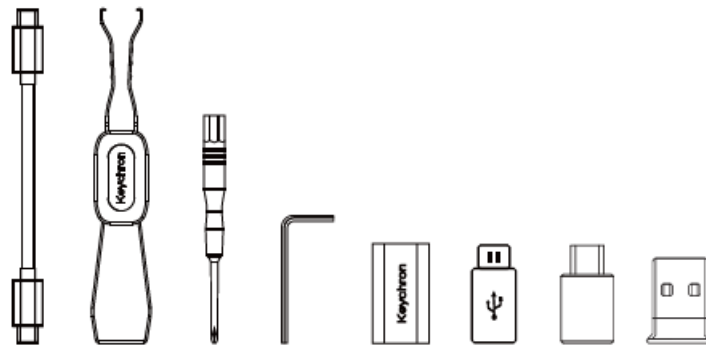
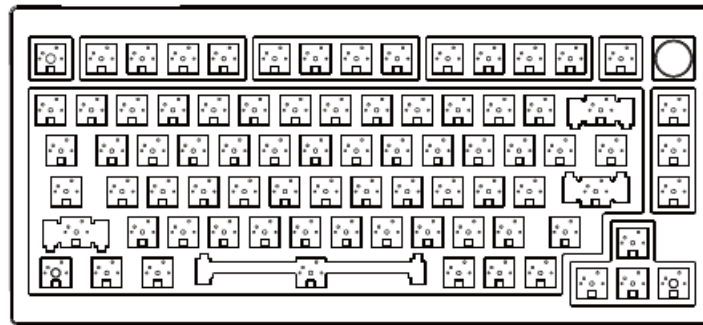
- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Extension Adapter For Receiver

- **Receiver**

- 1x Type-A 2.4GHz Receiver
- 1x Type-C 2.4GHz Receiver

- **Tools**

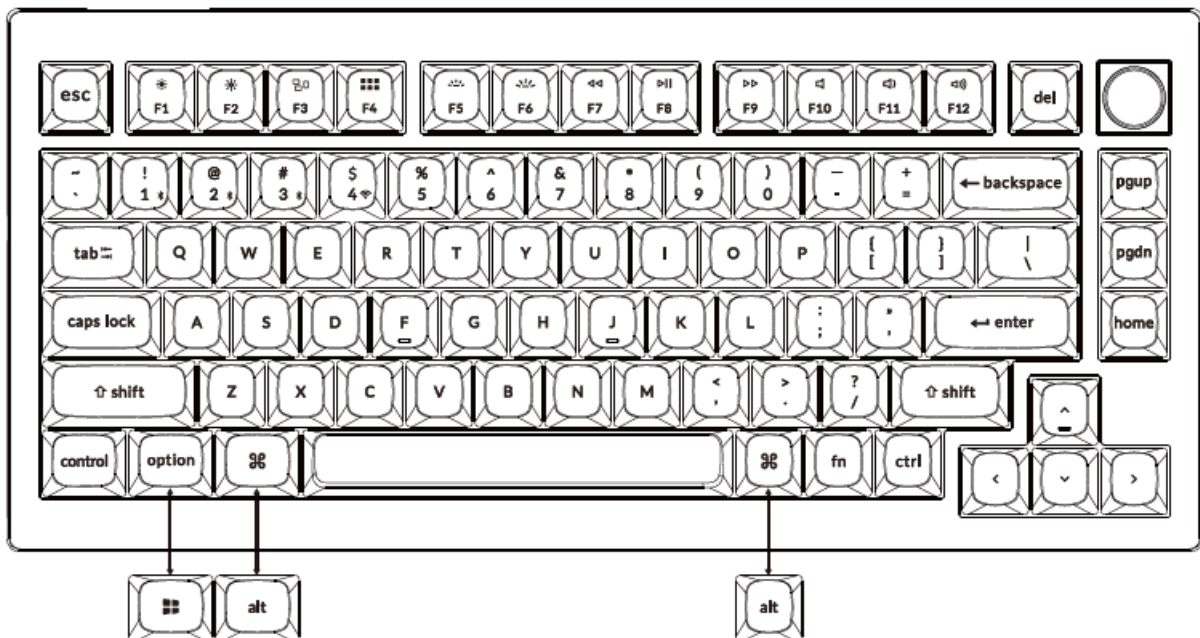
- 1x Keycap & Switch Puller
- 1x Screwdriver
- 1x Hex Key



## 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

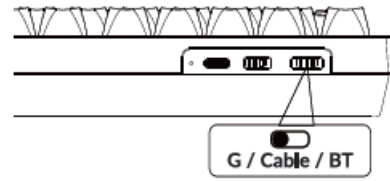


## 1. Connect 2.4GHz Receiver

Connect the 2.4GHz receiver to the device USB port.

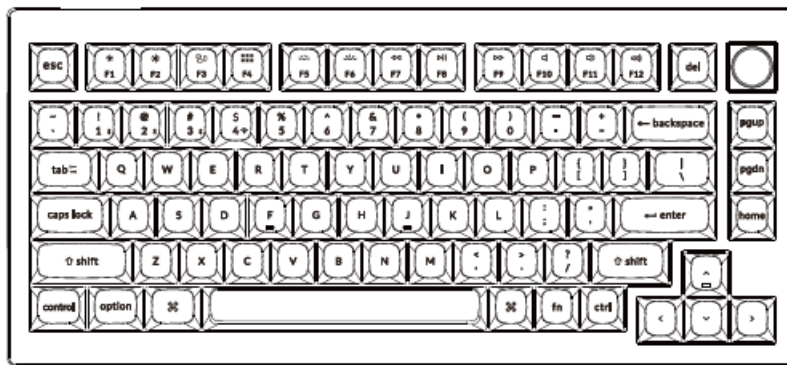
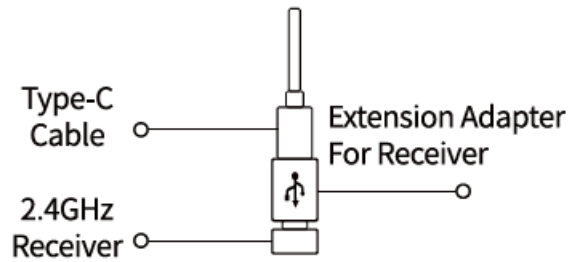


Switch toggle to 2.4GHz mode



G = 2.4GHz

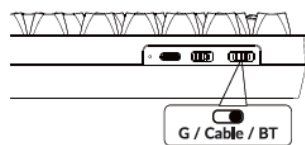
1. **Note:** For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.



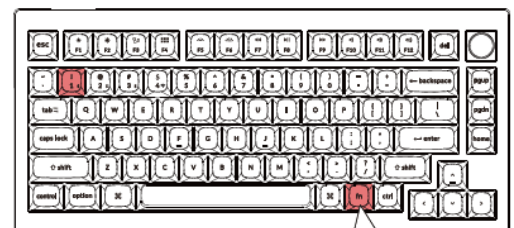
## 2. Connect Bluetooth



Switch toggle to Bluetooth



Press Fn + 1 (for 4 seconds) and pair with device named V1 Max.

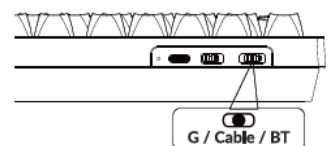


Fn + 1

## 3. Connect Cable



Switch toggle to Cable



## 4. The VIA Key Remapping Software

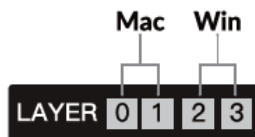
1. Please visit [usevia.app](https://usevia.app) to use the online VIA software to remap the keys.
2. If the VIA cannot recognize your keyboard, please reach our support to get the instruction.



3. The online VIA software can only run on the latest version of Chrome, Edge, and Opera browsers yet.
4. VIA only works when the keyboard is connected by wire to the computer.

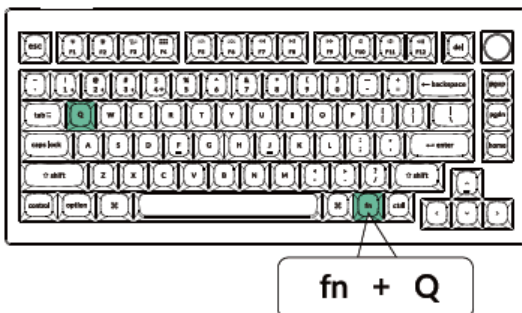
## 5. The Layers

1. 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.
2. If your system toggle is switched to Mac, then the layer 0 will be activated.
3. 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.



## 6. The Backlight

Press fn + Q to change the lighting effect

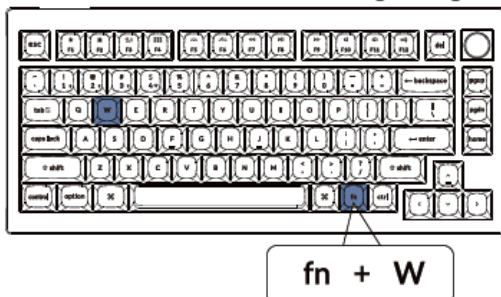


Press fn + tab to turn the backlight on/off

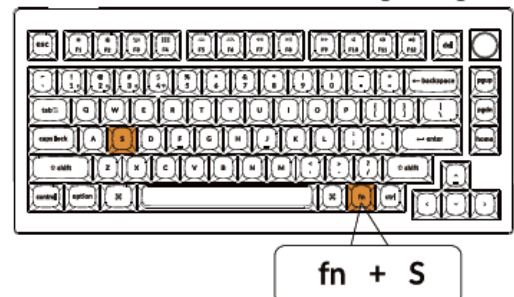


## 7. Adjust The Backlight Brightness

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.

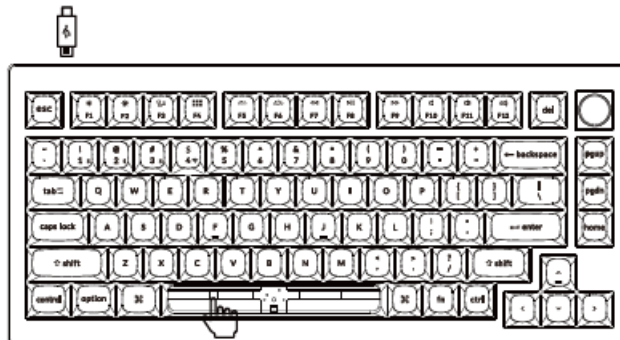


### Factory Reset

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

1. Download the right firmware and QMK Toolbox from our website.
2. Unplug the power cable and switch the keyboard to Cable mode.
3. Remove the space bar keycap to find the reset button on the PCB.
4. Hold the reset key first, then plug the power cable into the keyboard. Release the reset key after 2 seconds, and the keyboard will now enter DFU mode.
5. Flash the firmware with the QMK Toolbox.
6. Factory reset the keyboard by pressing **ln + J + Z** (for 4 seconds).

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

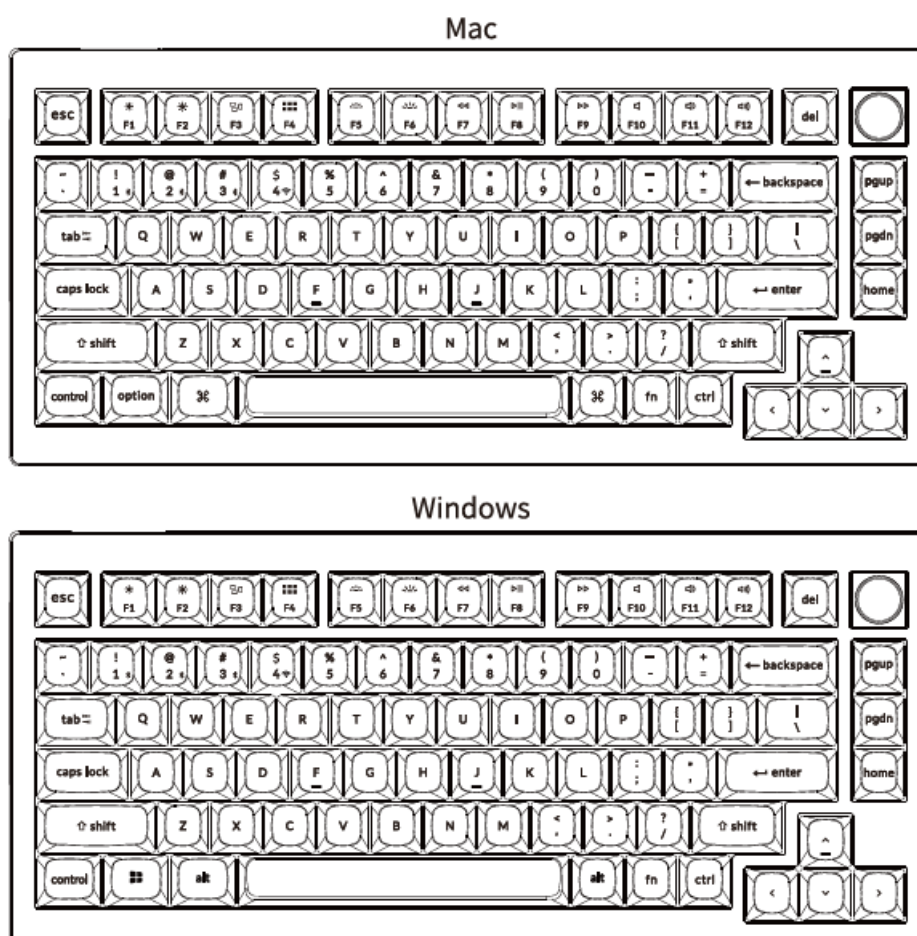


### V1 MAX WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS



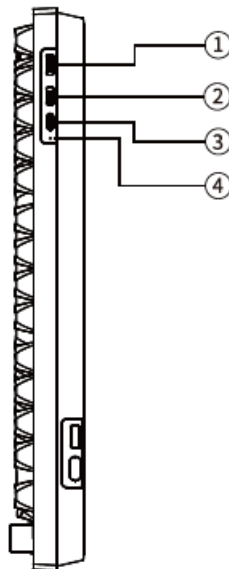
| Specifications       |   |
|----------------------|---|
| Layout               | 75%   |
| Switch type          | Mechanical  |
| Width                | 148.7 mm  |
| Length               | 328.5 mm  |
| Front height         | <ul style="list-style-type: none"> <li>• 21.5 mm (without keycaps)</li> <li>• 30.8 mm (with keycaps installed)</li> </ul> |
| Back height          | <ul style="list-style-type: none"> <li>• 29.4 mm (without keycaps)</li> <li>• 40.1 mm (with keycaps installed)</li> </ul> |
| Keyboard feet height | 2mm   |
| Angle                | 3.5 / 7.11 9.5 degree   |

## V1 MAX WIRELESS MECHANICAL KEYBOARD OVERVIEW



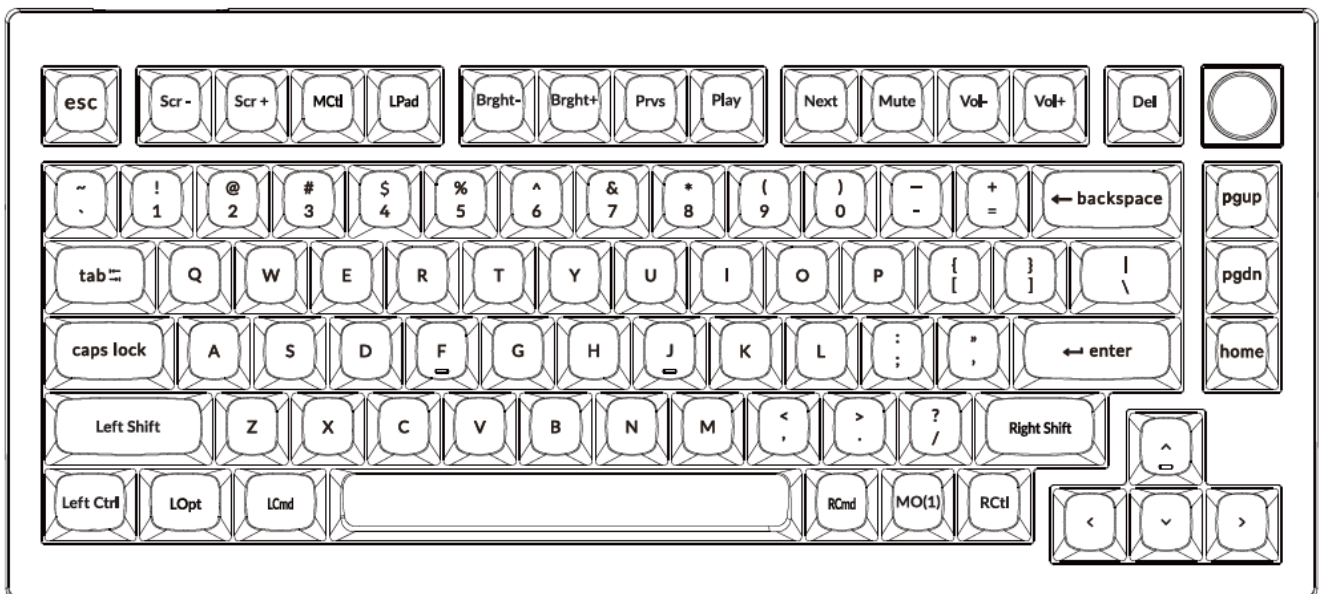
1. G Cable BT (Mode Toggle)
2. Win/Android Mac/iOS (OS Toggle)
3. Type-C Port

#### 4. Charging Indicator

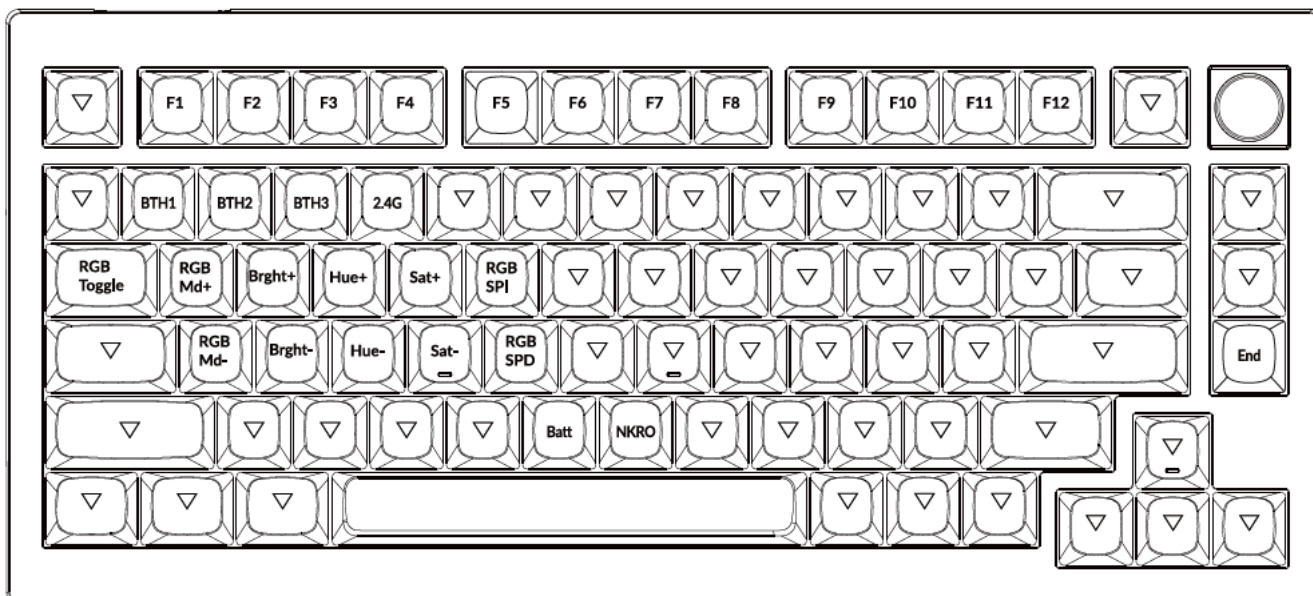


#### DEFAULT KEY LAYOUT:

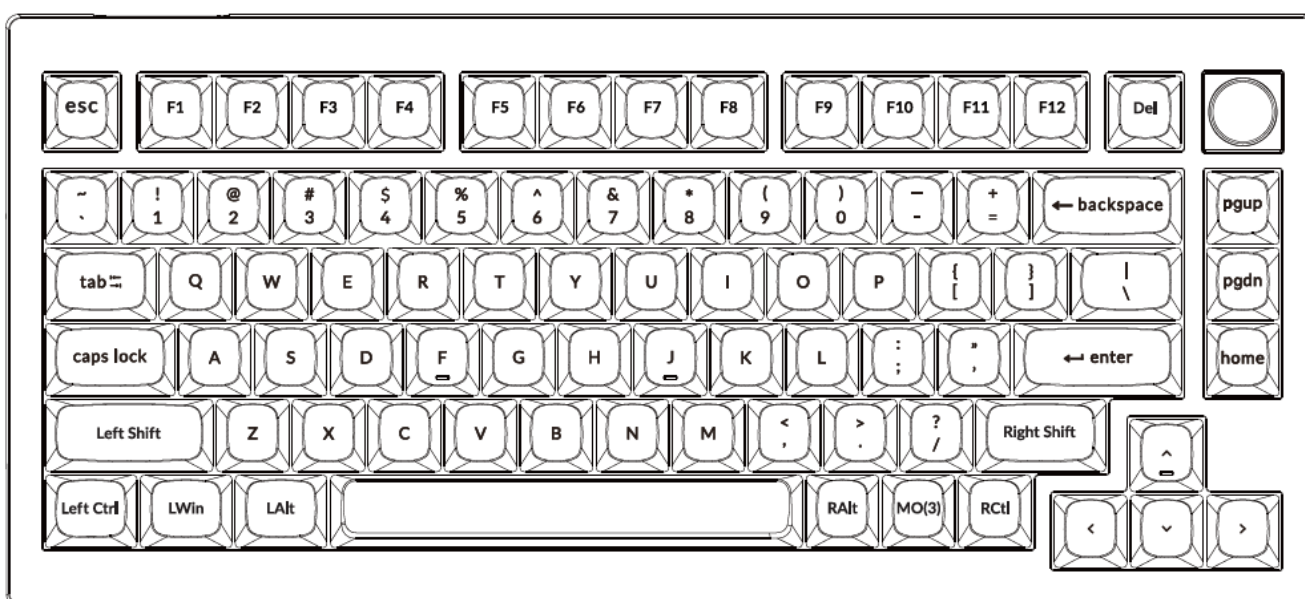
- **LAYER 0:** This layer will be activated when your keyboard's system toggle is switched to Mac.



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

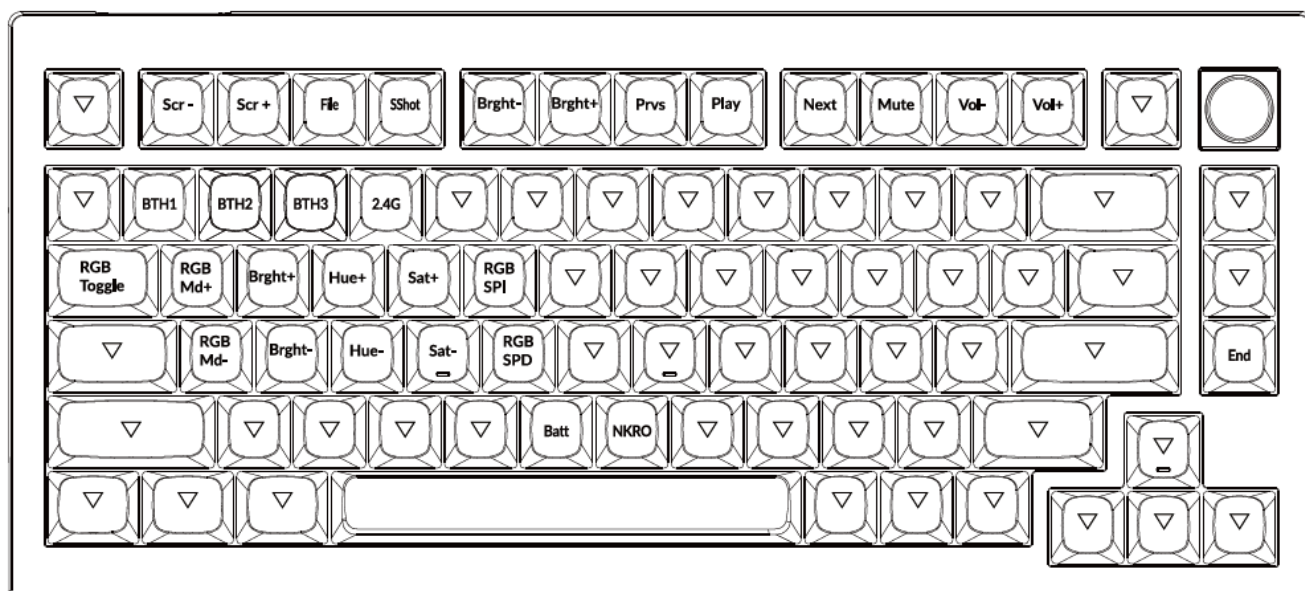


- **LAYER 2:** This layer will be activated when your keyboard's system toggle is switched to Windows.



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 |                            |
|-----------------|----------------------------|
| Ser-            | Screen Brightness Decrease |
| Ser+            | Screen Brightness Increase |
| Bright-         | Backlight Decrease         |
| Bright+         | Backlight Increase         |
| Prvs            | Previous                   |
| Play            | Play/Pause                 |
| Next            | Next                       |
| Mute            | Mute                       |
| Vol-            | Volume Decrease            |
| Vol+            | Volume Increase            |
| RGBToggle       | Turn Backlight on/off      |

| Key Description |   |
|-----------------|---|
| RGBMd+          | RGB Mode Next                                   |
| RGBMd-          | RGB Mode Previous                               |
| Hue+            | Hue Increase                                    |
| Hue-            | Hue Decrease                                    |
| RGB SPI         | RGB Speed Increase                              |
| RGB SPD         | RGB Speed Decrease                              |
| MO(l)           | Layer 1 will be activated when holding this key |
| M0(3)           | Layer 3 will be activated when holding this key |
| BTH1            | Bluetooth Host 1                                |
| BTH2            | Bluetooth Host 2                                |
| BTH3            | Bluetooth Host 3                                |

## Key Description

- 2.4G 2.4GHz Host
- Reset Reset the keyboard
- Batt Battery life
- NKRO N-key rollover

## LED STATUS OVERVIEW



- \*The Bluetooth indicator will continue to flash for 3 minutes.
- \*\*Slow or failed connections may exist due to different Bluetooth versions, please make sure all the settings are correct.

## **SWITCH BLUETOOTH DEVICES**

Short press key combination “Fn” + “1” / “Fn” + “2” / “Fn” + “3” to switch to other device.

### **RECONNECT:**

1. Switch the keyboard to the Bluetooth option to activate the keyboard.
2. The Bluetooth indicator flashes for 3 seconds and automatically pairs with the last paired device.
3. If the Bluetooth indicator is off, press any button to enter the connection again.

\* The keyboard must have been paired with the device to perform this function.

## **WIRED MODE**

1. Switch the toggle switch to the Cable option (it only works when a USB cable is plugged in).
2. Connect our cable with your PC and keyboard.
3. Backlighting will be turned on.

\*Under Wired Mode, keyboard will not enter into Battery Saver Mode.

## **TURN OFF THE KEYBOARD**

Switch the keyboard to the Cable option and unplug the power cable.

## **BACKLIGHT SETTING**

- Short press key combination “Fn” + “Tab” to turn the backlight on/off.
- Short press key combination “Fn” + “Q” / “Fn” + “A” to switch between different types of lighting effects.

## **TROUBLESHOOTING**

If unable to pair keyboard to device, confirm that the device you’re trying to pair with is Bluetooth-capable. If so, restart the device and try pairing it with the keyboard again.

### **Note:**

- On a Windows computer, a new Bluetooth connection will sometimes require additional software updates—a process that may still be ongoing after a message appears indicating a successful completion. Wait at least 20 minutes after pairing to make sure all updates are completed before restarting the computer.
- Confirm that the device is configured to accept Bluetooth connections (Windows) and supports an external keyboard (HID profile).
- Go to Bluetooth Devices > Open Settings and select the following:
  - Allow Bluetooth devices to find this computer
  - Allow Bluetooth devices to connect to this computer

- Alert me when a Bluetooth device wants to connect

### **My keyboard isn't working in Bluetooth mode.**

- **For the computer/smartphone:**

- Go to your device Bluetooth settings>Select the keyboard and remove/delete/unpair it.
- Then restart your device.

- **For the keyboard:**

Turn the keyboard off and back on. Then reconnect it to your device.

- **Wireless connection is interrupted even within 10 meters.**

Check if the keyboard is resting on a metal surface that can interfere with the wireless signal.

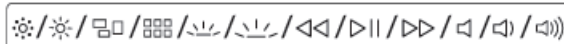
- **Third-party input tools are not compatible with the keyboard.**

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:

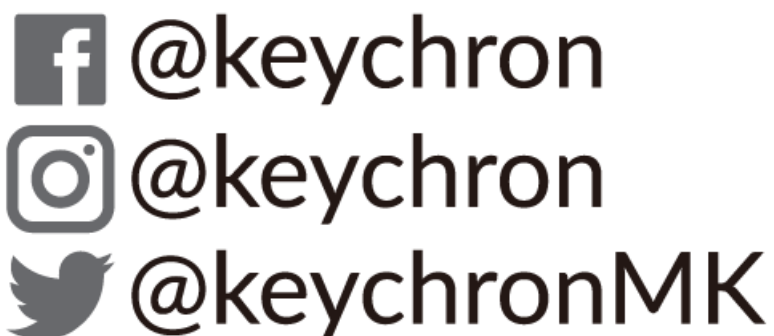
F1 / F2 / F3 / F4 / F5 / F6 / F7 / F8 / F9 / F10 / F11 / F12

### **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.

### **Keychron, Inc.**

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



- Designed by Keychron
- Made in China

### **FCC Warning**



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
  2. This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance could voice the user’s authority to operate the equipment.


**NOTE:**

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help
- This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

**Radiation Exposure Statement**

The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.

**Documents / Resources**

|   |  |
|---|--|
|  | <a href="#">Keychron V1MAX Wireless Mechanical Keyboard</a> [pdf] User Manual<br>2ASF4-V1MAX, 2ASF4V1MAX, V1MAX, V1MAX Wireless Mechanical Keyboard, Wireless Mechanical Keyboard, Mechanical Keyboard, Keyboard |
|---|--|

**References**

- [User Manual](#)