

Keychron V4 Max Wireless Mechanical Keyboard



# Keychron V4 Max Wireless Mechanical Keyboard User Manual

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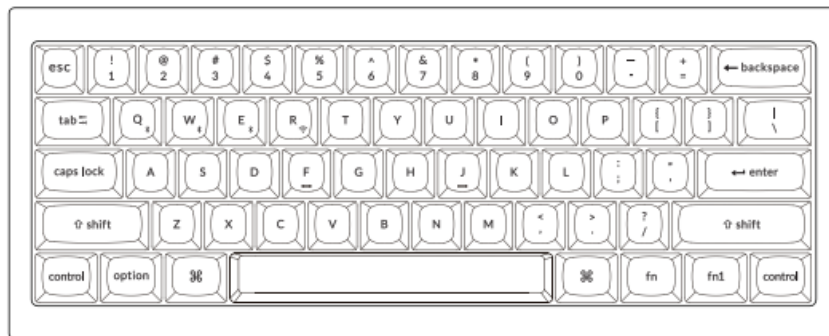
## Keychron V4 Max Wireless Mechanical Keyboard



## Fully Assembled Version

### Keyboard

- 1x Fully Assembled Keyboard
- Including
  - 1x Case
  - 1x PCB
  - 1x PC Plate
  - 1x PET Film
  - 1x Case Foam
  - 1x Sound Absorbing Foam
  - 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
- 1x Extension Adapter For Receiver

### Receiver

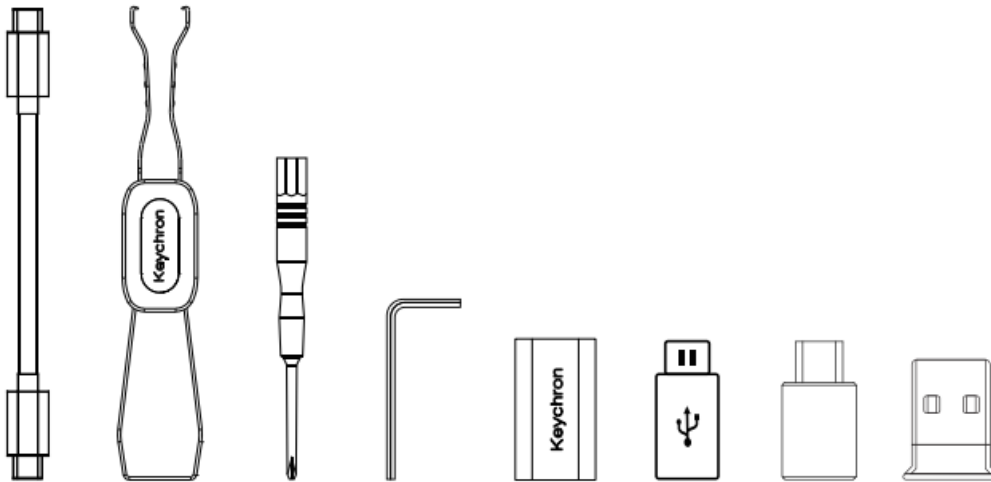
- 1x Type-A 2.4GHz Receiver
- 1x Type-C 2.4GHz Receiver

### Tools

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



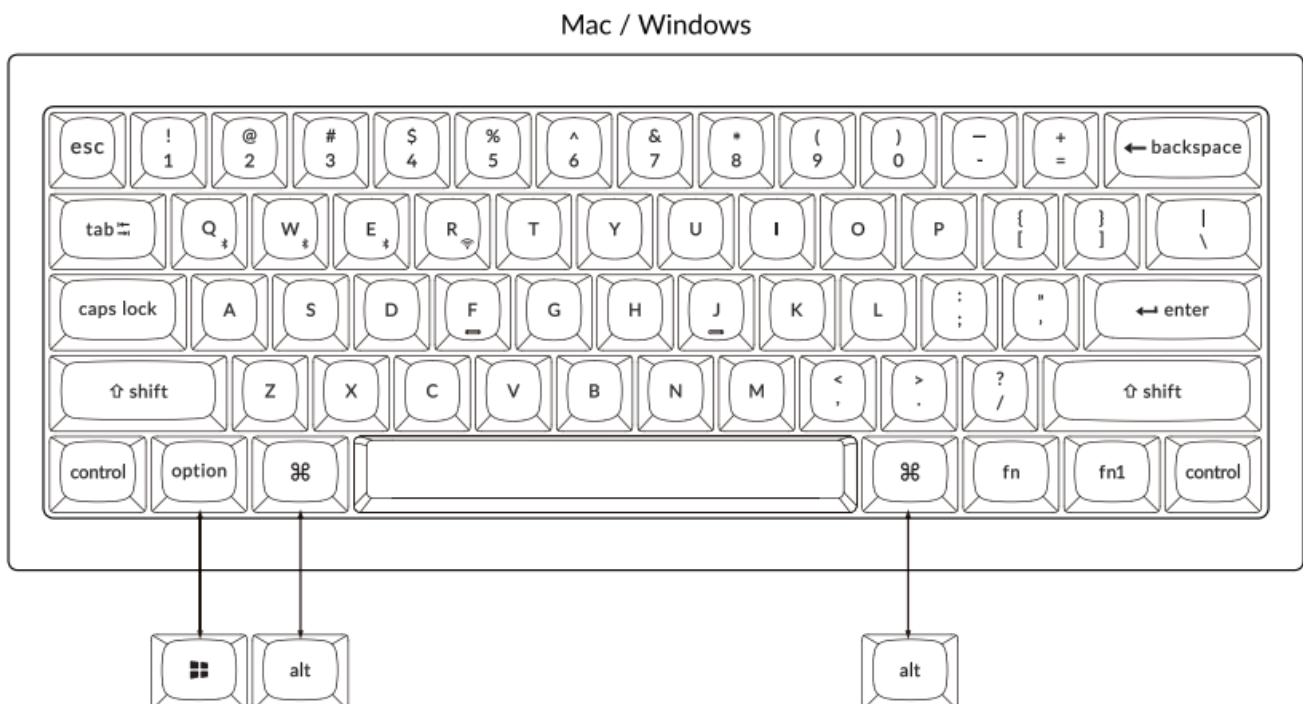
- 1x Keycap & Switch Puller
- 1x Screwdriver
- 1x Hex Key



## Quick Start Guide

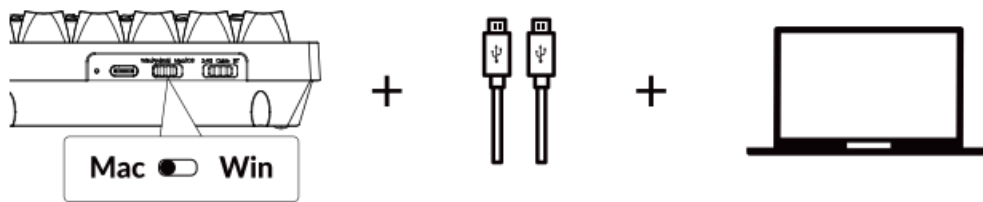
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

### Mac/ Windows



### 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.

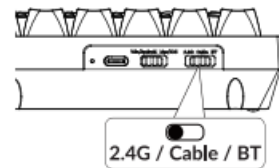


## Connect 2.4GHz Receiver

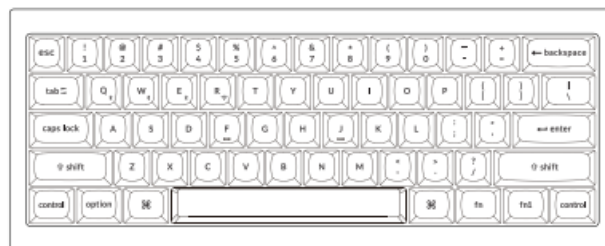
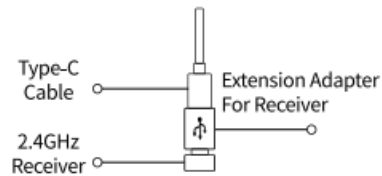
Connect the 2.4GHz receiver to the device USB port.



Switch toggle to 2.4GHz mode



2.4G = 2.4GHz

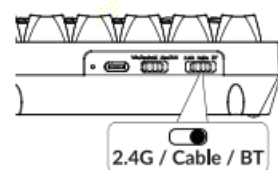


**Note:** For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.

## Connect Bluetooth



Switch toggle to Bluetooth





## Connect Cable



## The VIA Key Remapping Software

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

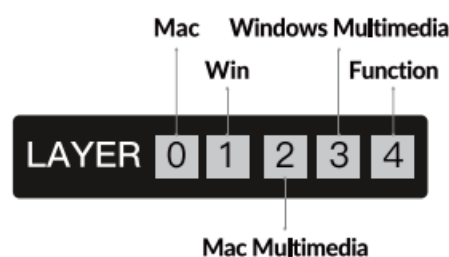


- 'The online VIA software can only run on the latest version of Chrome, Edge, and Opera browsers yet
- 'VIA only works when the keyboard is connected by wire to the computer.

## The Layers

There are five layers of key settings on the keyboard. The layer O is for the Mac system.

- Layer 1 is for the Windows system.
- Layer 2 is for the Mac Multimedia keys.
- Layer 3 is for the Windows Multimedia keys.
- Layer 4 is for function keys.



- If your system toggle is switched to Mac, then the layer O will be activated.

Mac ☐ Win

LAYER 0 1 2 3 4

- If your system toggle is switched to Windows, then the layer 1 will be activated.

Mac ☒ Win

LAYER 0 1 2 3 4

## The Backlight

- Press fn + A to change the lighting effect



- Press fn + caps lock to turn the backlight on/off



## Adjust The Backlight Brightness

- Press fn + S to increase the backlight brightness



- Press fn + X to decrease the backlight brightness

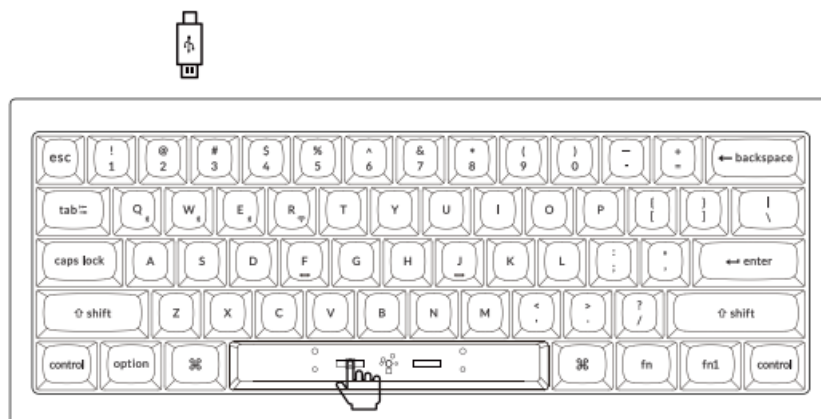


## Warranty

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

## 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 fn1 + J + Z (for 4 seconds).

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

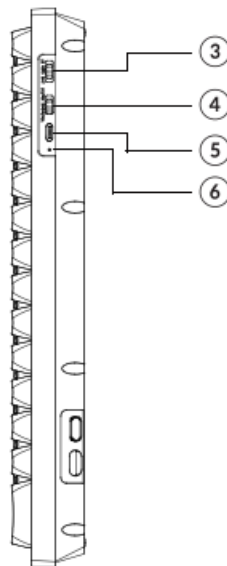
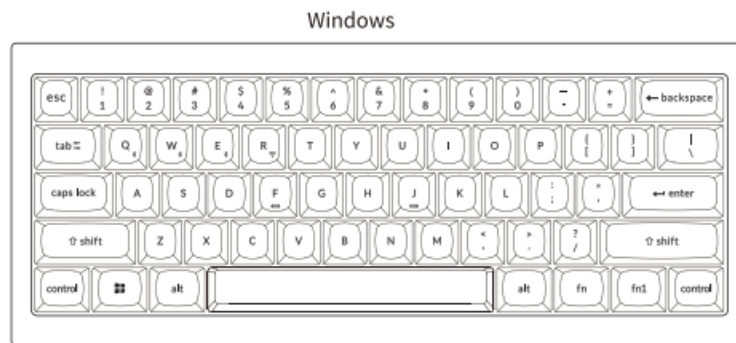
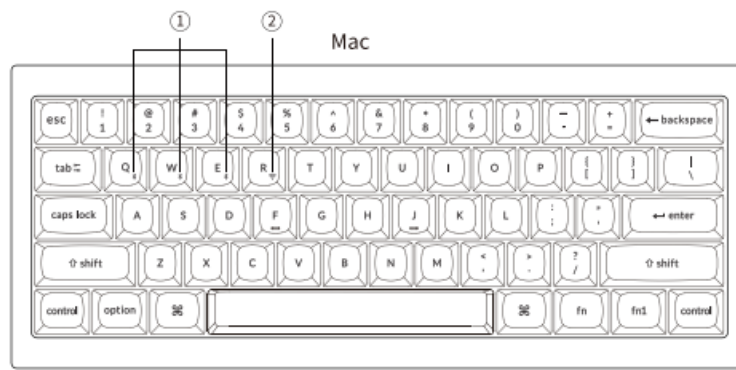
## SPECIFICATIONS

### V4 MAX WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS

Specifications	
Layout	60%
Switch type	Mechanical
Width	123.1 mm
Length	305 mm
Front height	28 mm (without keycaps) 33.7 mm (with keycaps installed)
Back height	33.7 mm (without keycaps) 40.5 mm (with keycaps installed)
Keyboard feet height	2 mm
Angle	3.5 / 8 / 11 degree

## KEYBOARD OVERVIEW

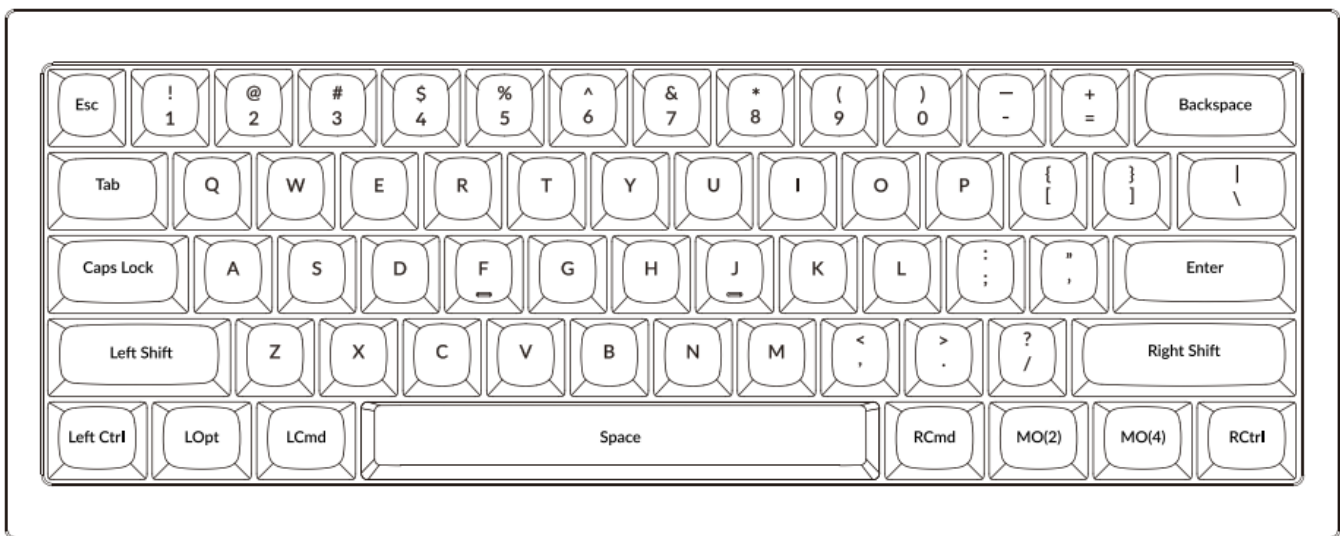
### V4 MAX WIRELESS MECHANICAL KEYBOARD OVERVIEW



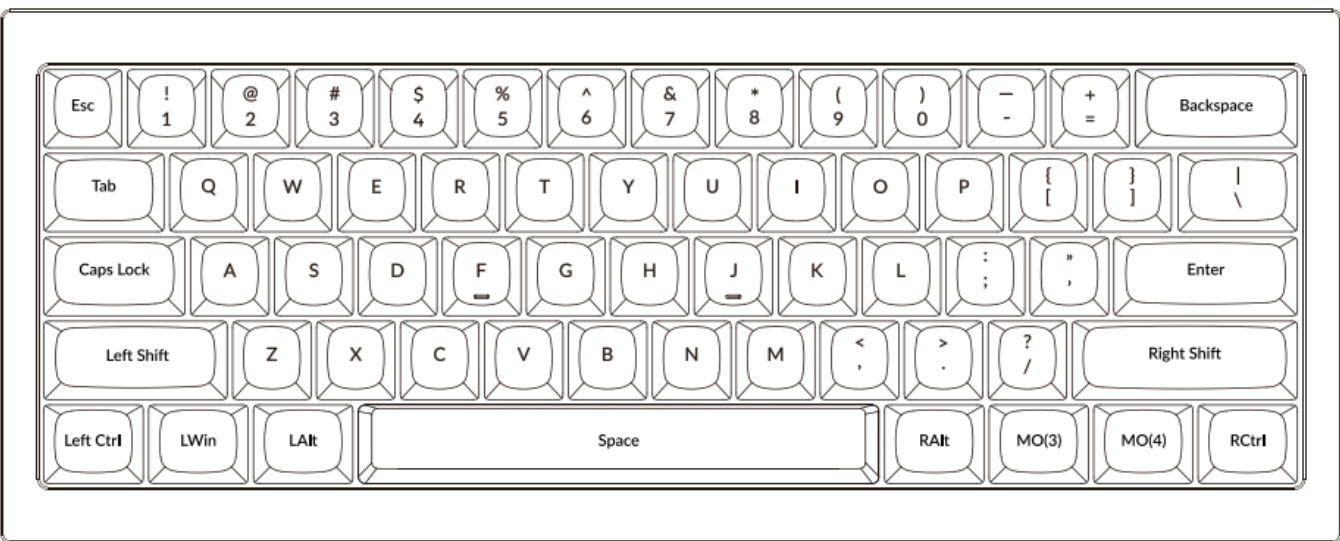
1. Bluetooth Indicator
2. 2.4G Indicator
3. 2.4G/Cable/BT (Mode Toggle)
4. Win/Android Mac/iOS (OS Toggle)
5. Type-CPort
6. Power Indicator

## DEFAULT KEY LAYOUT

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

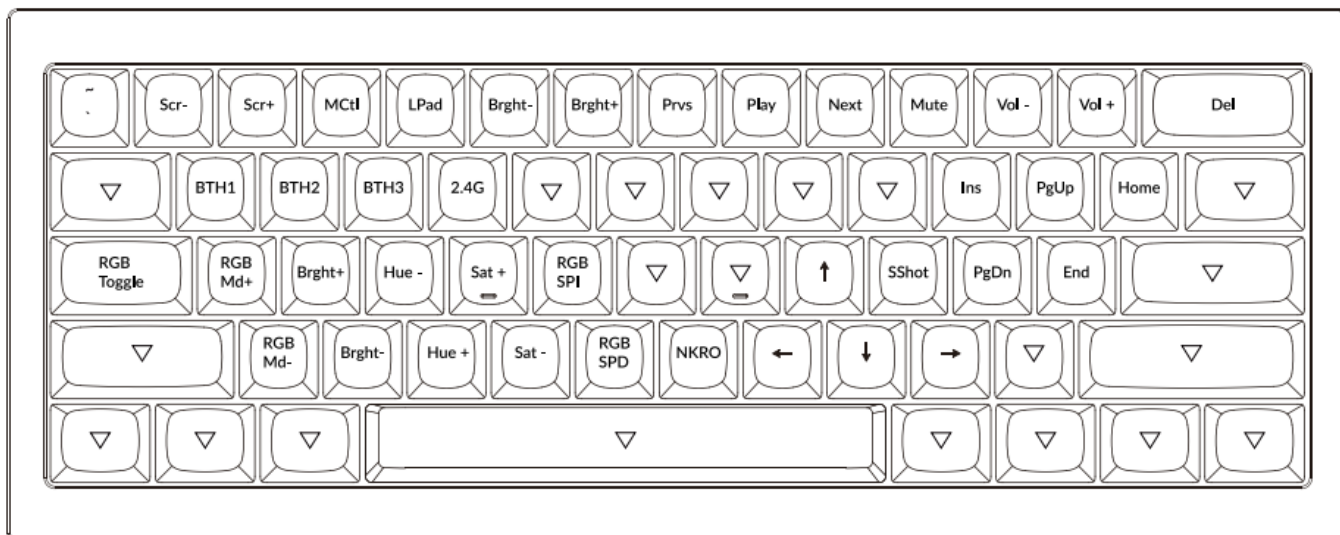


**LAYER 1:** This layer will be activated when your keyboard's system toggle is switched to Windows.



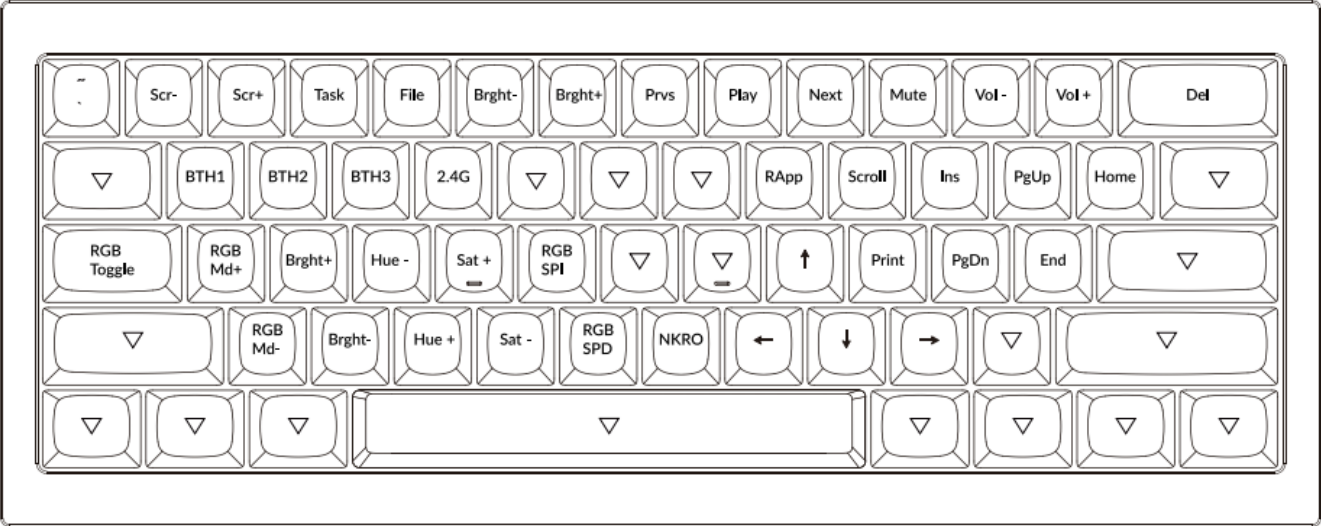
LWin = Left Windows LAlt = Left Alt RAlt = Right Alt RCtrl = Right Ctrl

**LAYER 2:** This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn/MO(2) key.

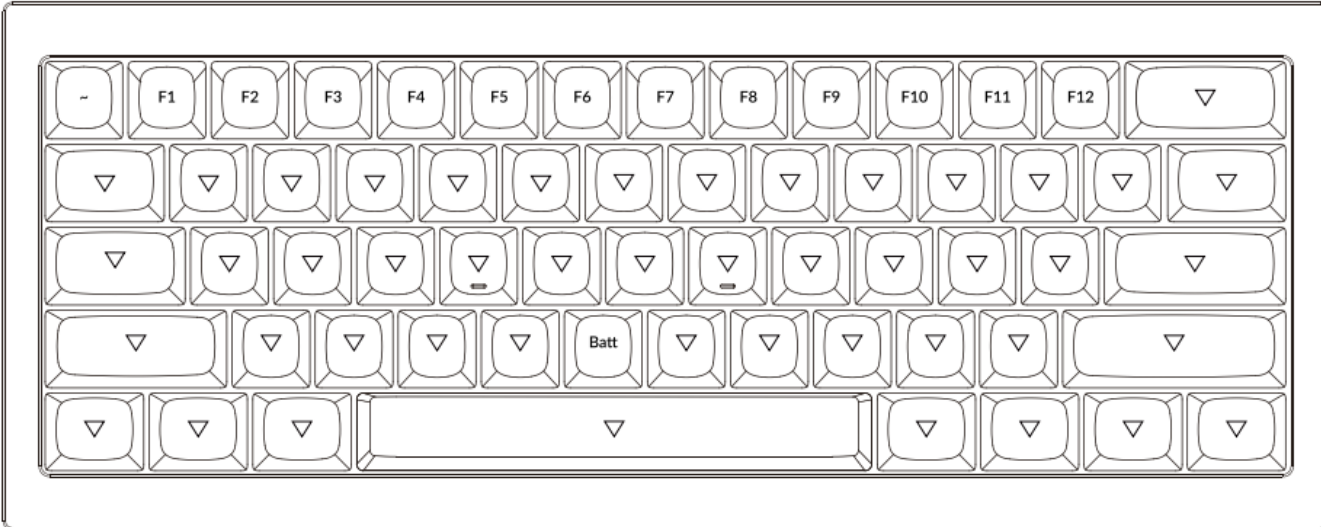


**LAYER 3:** This layer will be activated when your keyboard's system toggle is switched to Windows and press the

fn/M0(3) key.



**LAYER 4:** This layer will be activated when you press the fn1/M0(4) key.



**KEY DESCRIPTION**

Key Description		Key Description		Key Description	
Scr-	Screen Brightness Decrease	RGBMd+	RGB Mode Next	BTH2	Bluetooth Host 2
Scr+	Screen Brightness Increase	RGBMd-	RGB Mode Previous	BTH3	Bluetooth Host 3
Bright-	Backlight Decrease	Hue+	Hue Increase	2.4G	2.4GHz Host
Bright+	Backlight Increase	Hue-	Hue Decrease	Batt	Battery life
Prvs	Previous	RGB SPI	RGB Speed Increase	NKRO	N-key rollover
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		
Vol-	Volume Decrease	MO(3)	Layer 3 will be activated when holding this key		
Vol+	Volume Increase	MO(4)	Layer 4 will be activated when holding this key		
RGB Toggle	Turn Backlight on/off	BTH1	Bluetooth Host 1		

## LED STATUS OVERVIEW

LED Location	Function	Status
Power Indicator	Charging	Charging - Static Red Fully charged - Static Green Low power - Slow blinking
Bluetooth / 2.4GHz Indicator	Bluetooth / 2.4GHz	Reconnecting - Fast Blinking Paired - Light off Pairing - Slow Blinking
Caps Lock Indicator	Caps Lock	Enable Caps Lock - Static White Disable Caps Lock - Light Off

## FUNCTION DESCRIPTION

### CHARGING

Plug the cable into a USB port and plug the other end into the keyboard port. Power Indicator: A red light will stay on while charging; Charging is completed in about 5 hours, a green battery indicator will appear. If the power is low, the red light will blink.

- The V4 Max keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The V4 Max can be charged in 2.4GHz/Cable/Bluetooth mode.
- This product supports up to 5V charging voltage and 1A charging current. We are not responsible for any problems caused by improper charging.

### GHZ / CABLE / BLUETOOTH MODE (MODE TOGGLE)

#### GHZ MODE

1. Connect the 2.4GHz receiver to your device's USB / Type-C Port.

2. Switch the toggle to the 2.4GHz option. The keyboard will automatically connect to your device.
  1. Press the key combination “n” + “R” to enter the forced pairing mode. During this period, it is recommended that the keyboard be within 20cm of the receiver.

## **BLUETOOTH MODE**

1. Switch the toggle to the Bluetooth option.
2. Backlighting will be turned on.
3. Hold “fn+Q” key for 4 seconds to activate Bluetooth pairing (the Bluetooth indicator fast flashes for 3 minutes to detect pairing).
4. Search for the Bluetooth device “Keychron V4 Max” on your device and connect it (the Bluetooth indicator goes off after successful pairing).

**Note:** This keyboard supports pairing up to 3 devices simultaneously via key combination “n” + “Q” / “fn” + “W” / “fn” + “E”.

- 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” + “Q” / “fn” + “W” / “fn” + “E” 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.
4. The keyboard must have been paired with the device to perform this function.

## **WIRED MODE**

1. Switch the toggle 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.
  1. 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” + “caps lock” to turn the backlight on/off.
- Short press key combination “fn” + “A” / “fn” + “Z” 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.

### **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(14°F) or above 50°C(122°F) to
- preserve the lifespan of the keyboard.

## CONTACT

**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 V4 Max Wireless Mechanical Keyboard</a> [pdf] User Manual V4 Max Wireless Mechanical Keyboard, V4 Max, Wireless Mechanical Keyboard, Mechanical Keyboard, Keyboard
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## References

- [User Manual](#)

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