Keychron

V1 MAX WIRELESS MECHANICAL KEYBOARD USER MANUAL

Knob Version

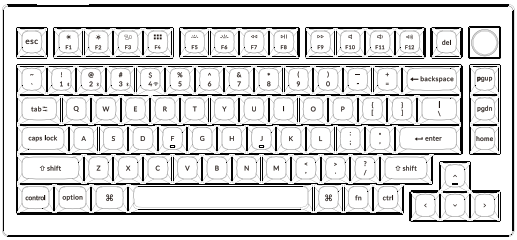
Fully Assembled Version

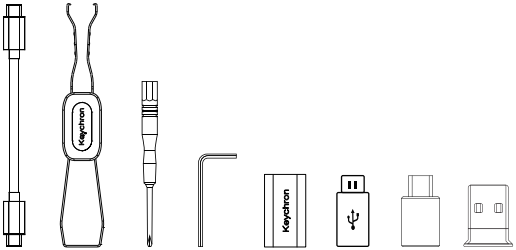
Keyboard
1x Fully Assembled Keyboard
Including
1x Case
1x PCB
1x PC Plate
1x PET Foam
1x Case Foam
1x Sound Absorbing Foam
4 Sets x Stabilizers
1 Set x Keycaps (PBT Double-shot)
1 Set x Switches

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

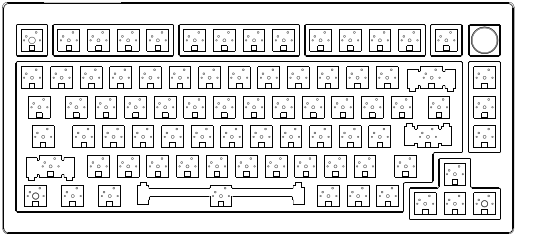
Tools
1x Keycap & Switch Puller
1x Screwdriver
1x Hex Key





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



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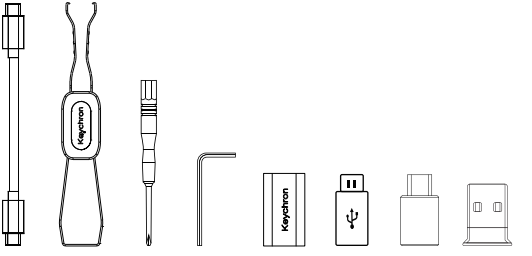
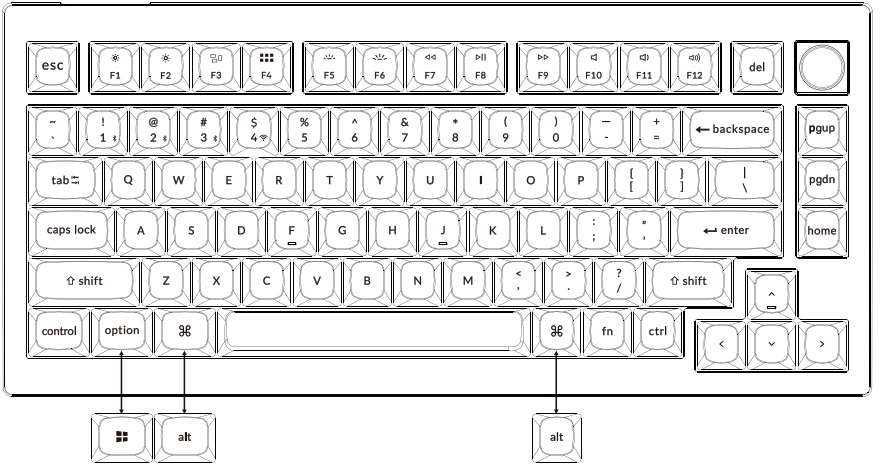


Quick Start Guide

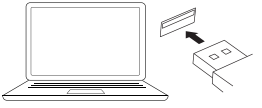
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

Mac / Windows

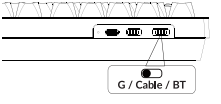


1 Connect 2.4GHz Receiver

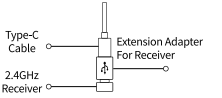
Connect the 2.4GHz receiver to the device USB port.



Switch toggle to 2.4GHz mode

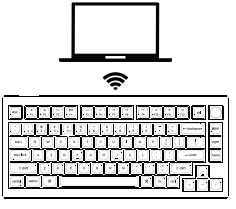


G = 2.4GHz

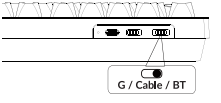


Note: For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.

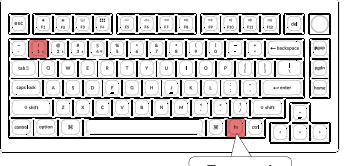
2 Connect Bluetooth



Switch toggle to Bluetooth



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



3 Connect Cable

4 The VIA Key Remapping Software

Please visit 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.

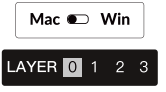
VIA
Your keyboard's best friend

* 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.

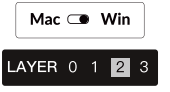
5 The Layers

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.



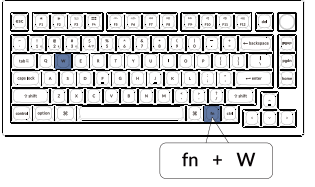
6 The Backlight

Press fn + Q to change the lighting effect

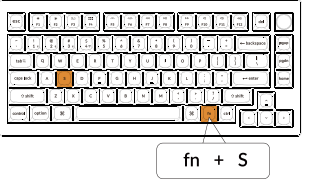
Press fn + tab to turn the backlight on/off

7 Adjust The Backlight Brightness

Press fn + W to increase the backlight brightness



Press fn + S to decrease the backlight brightness



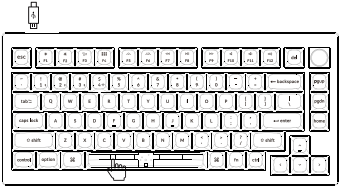
8 Warranty

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.

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.

10 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 fn + J + Z (for 4 seconds).

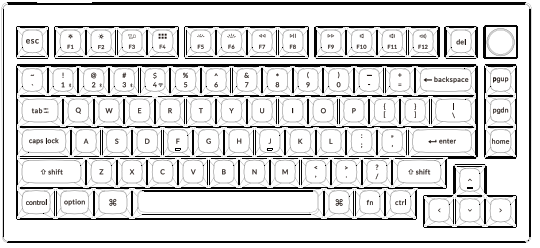
* Step by step guide can be found on our website.

V1 MAX WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS

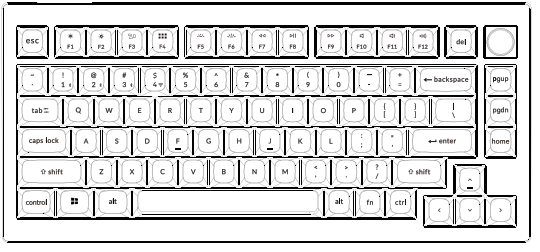
	Specifications
Layout	75%
Switch type	Mechanical
Width	148.7 mm
Length	328.5 mm
Front height	21.5 mm (without keycaps) 30.8 mm (with keycaps installed)
Back height	29.4 mm (without keycaps) 40.1 mm (with keycaps installed)
Keyboard feet height	2 mm
Angle	3.5 / 7.1 / 9.5 degree

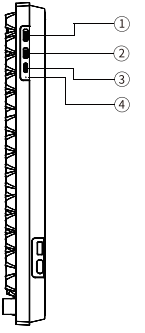
V1 MAX WIRELESS MECHANICAL KEYBOARD OVERVIEW

Mac



Windows





① G Cable BT (Mode Toggle)

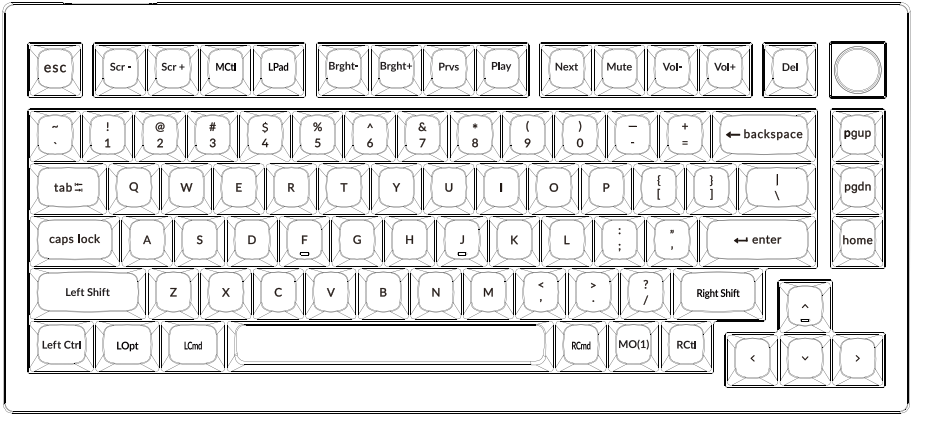
② Win/Android Mac/iOS (OS Toggle)

③ Type-C Port

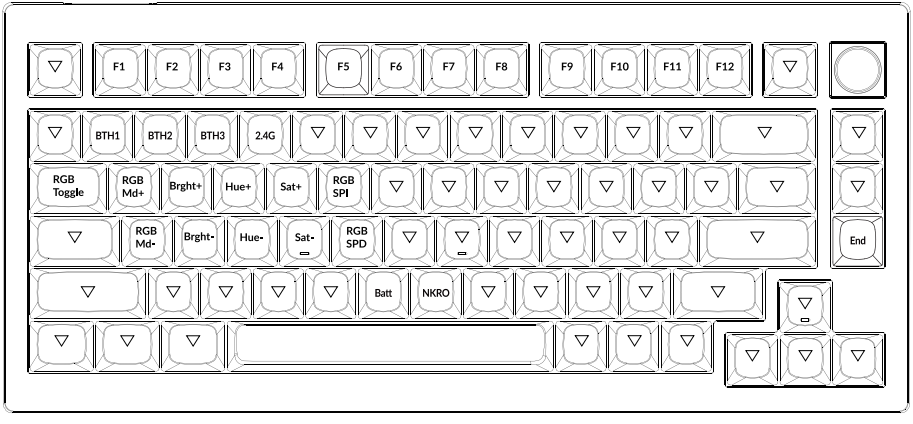
④ Charging Indicator

DEFAULT KEY LAYOUT:

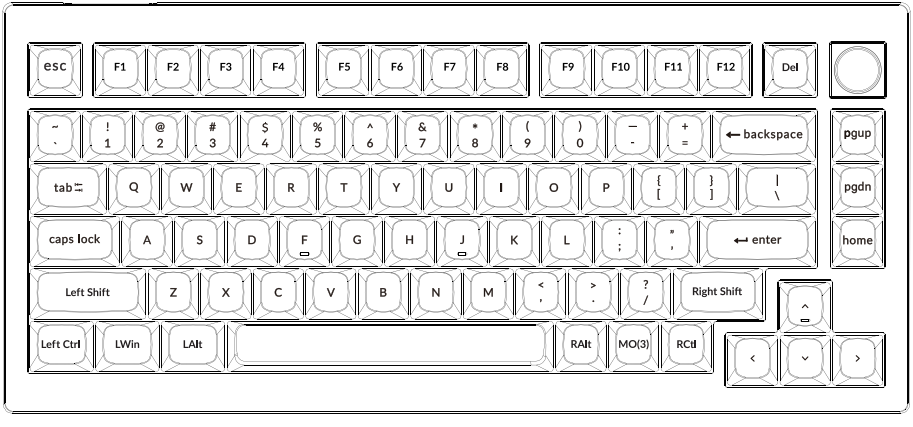
LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.



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

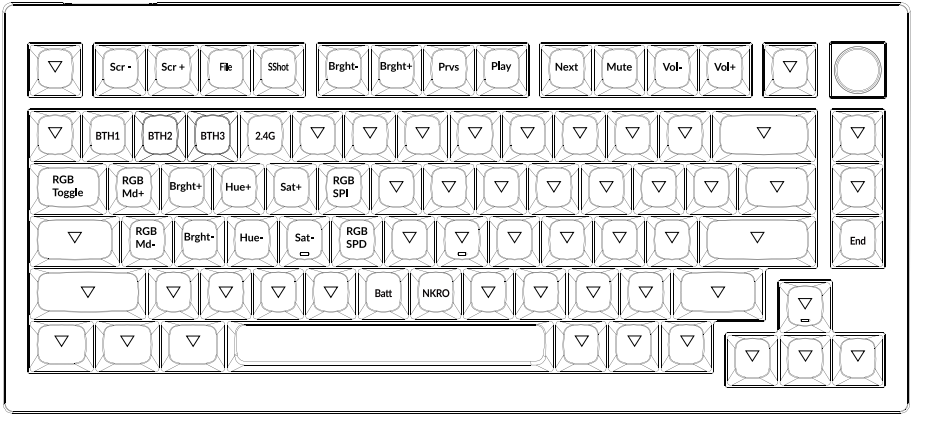


LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.



LWin = Left Windows LAlt = Left Alt RAlt = Right Alt RCtl = 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	
Scr-	Screen Brightness Decrease
Scr+	Screen Brightness Increase
Bright-	Backlight Decrease
Bright+	Backlight Increase
Prvs	Previous
Play	Play/Pause
Next	Next
Mute	Mute
Vol-	Volume Decrease
Vol+	Volume Increase
RGB Toggle	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(1)	Layer 1 will be activated when holding this key
MO(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

LED Location	Function	Status
Battery Indicator	Charging	Charging - Static Red Fully charged - Static Green
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. Charging Indicator: A red light will stay on while charging; Fully charged in around 5 hours, a green battery indicator will appear.

*The V1 Max keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The V1 Max can be charged in Bluetooth/on/off mode.
**This product supports up to 5V charging voltage and 1A charging current. We are not responsible for any problems caused by improper charging.

2.4GHZ / CABLE / BLUETOOTH MODE (MODE TOGGLE SWITCH)

2.4GHZ MODE

1. Connect the 2.4GHz receiver to your device's USB / Type-C Port.
2. Switch the toggle switch to the 2.4GHz option. The keyboard will automatically connect to your device.

* Press the key combination "Fn" + "4" 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 switch to the Bluetooth option.
2. Backlighting will be turned on.
3. Hold “Fn+1” 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 “V1 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 “Fn” + “1” / “Fn” + “2” / “Fn” + “3”.
**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.

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