

 Keychron

Q1 Ultra Wireless Mechanical Keyboard 

Fully Assembled Version

Keyboard

1x Fully Assembled Keyboard

Including

1x Aluminum Case

1x PCB

1x PC Plate

1x Sound Absorbing Foam

1x IXPE Foam

1x PET Film

1x Latex Bottom Pad

1x Bottom Case Acoustic Foam

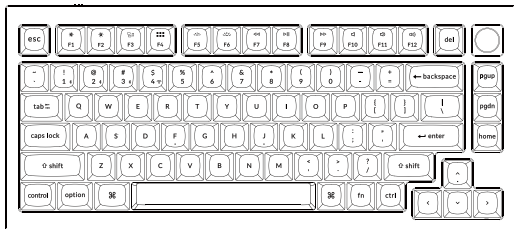
1x Bottom Case PET Film

14x Gaskets (10 Installed and 4 in the Box)

4 sets x Stabilizers

1 set x Keycaps (PBT Double-shot)

1 set x Switches



Cable

1x Type-C Cable

1x Type-A to Type-C Adapter

1x Extension Adapter for Receiver

Receiver

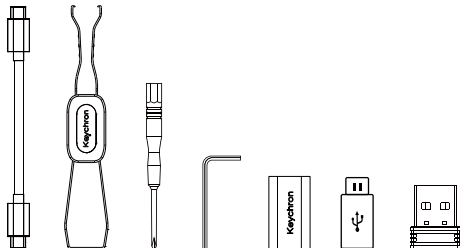
1x Type-A 2.4 GHz Receiver

Tools

1x Keycap & Switch Puller

1x Screwdriver

1x Hex Key



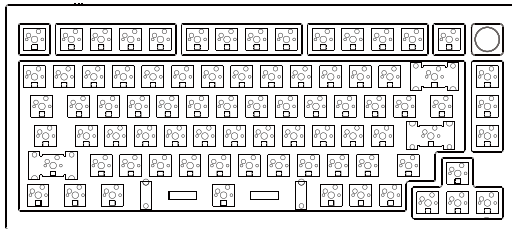
Barebone Version

Keyboard Kit

1x Keyboard Kit (Without Keycaps & Switches)

Including

- 1x Aluminum Case
- 1x PCB
- 1x PC Plate
- 1x Sound Absorbing Foam
- 1x IXPE Foam
- 1x PET Film
- 1x Latex Bottom Pad
- 1x Bottom Case Acoustic Foam
- 1x Bottom Case PET Film
- 14x Gaskets (10 Installed and 4 in the Box)
- 4 sets x Stabilizers



Cable

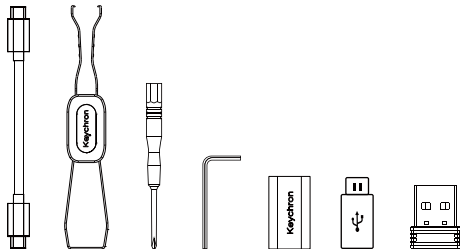
- 1x Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Extension Adapter for Receiver

Receiver

- 1x Type-A 2.4 GHz Receiver

Tools

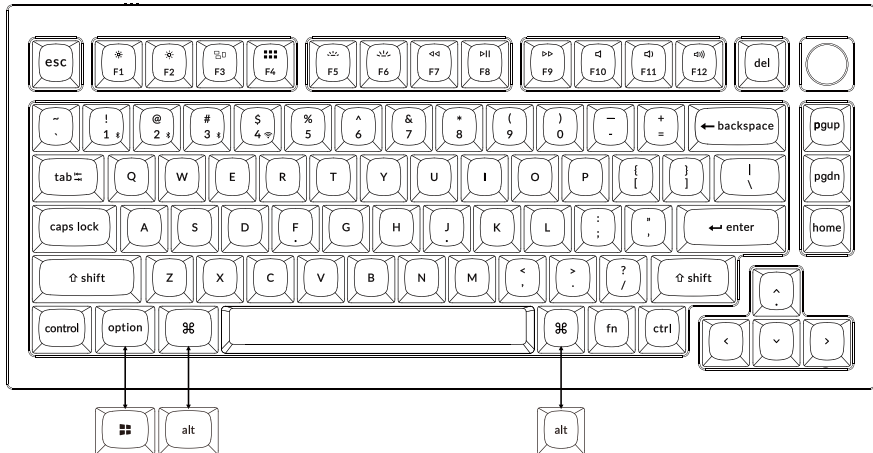
- 1x Keycap & Switch Puller
- 1x Screwdriver
- 1x Hex Key



Quick Start Guide

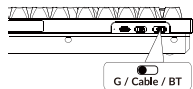
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

Mac / Windows



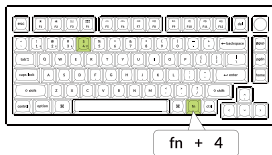
1 Connect 2.4 GHz Receiver

Switch toggle to 2.4 GHz mode

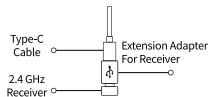
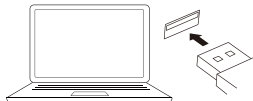


G = 2.4 GHz

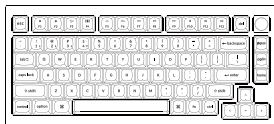
Press fn + 4 (for 4 seconds)



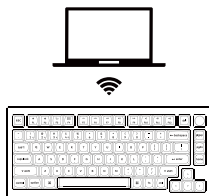
Connect the 2.4 GHz receiver to the device USB port.



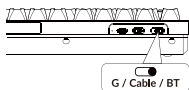
Note: For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4 GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.



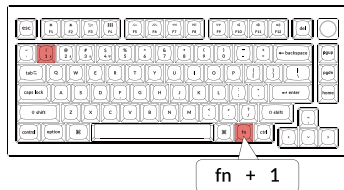
2 Connect Bluetooth



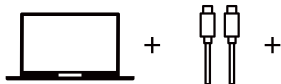
Switch toggle to Bluetooth



Press fn + 1 (for 4 seconds) and pair with device named Keychron Q1 Ultra 8K



3 Connect Cable

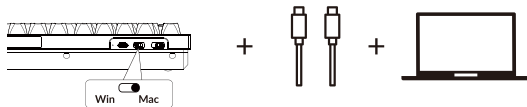


Switch toggle to Cable



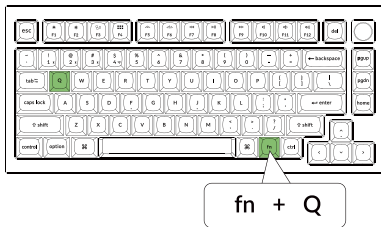
4 Switch To The Right System

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

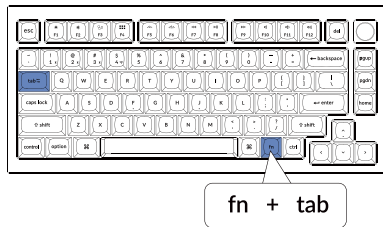


5 The Backlight

Press **fn + Q** to change the lighting effect

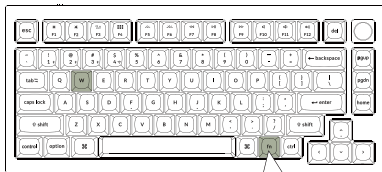


Press **fn + tab** to turn the backlight on/off



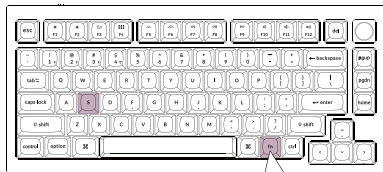
6 Adjust The Backlight Brightness

Press **fn + W** to increase the backlight brightness



fn + W

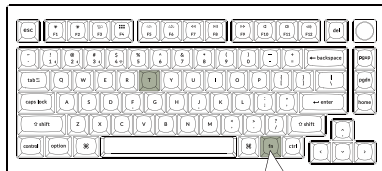
Press **fn + S** to decrease the backlight brightness



fn + S

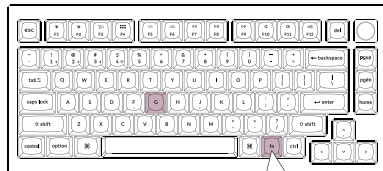
7 Adjust The Backlight Speed

Press **fn + T** to increase the light effect speed



fn + T

Press **fn + G** to decrease the light effect speed



fn + G

8 The Keychron Launcher App

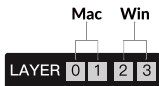
Please visit launcher.keychron.com to use the online Launcher web app to remap the keys, create macro commands, or flash the firmware. If the Launcher cannot recognize your keyboard, please reach our support to get the instructions.



* The online Launcher can only run on the latest version of Chrome, Edge, and Opera browsers.

9 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.



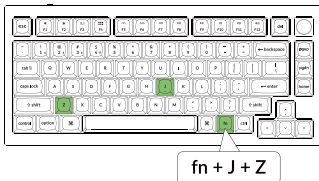
If your system toggle is switched to Mac, then the layer 0 will be activated.



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.



10 Factory Reset & Firmware Update



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

Factory reset your keyboard

1. Power on your keyboard.
2. Press and hold **fn + J + Z** (for 4 seconds). The keyboard backlight will flash in red quickly for 3 seconds, indicating that the keyboard has been reset.

Flash your keyboard firmware

1. Visit launcher.keychron.com to open the online Launcher web app.
2. Ensure the keyboard is in Cable or Wired mode and plug in the power cable.
3. Find the 'Firmware Update' tab on the left side of the Launcher and connect your keyboard with it.
4. Follow the instructions on the Launcher and complete the firmware update.

*Step-by-step guide, search the keyword "firmware" on keychron.com.

11 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.



Q1 ULTRA WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS

Number of keys: 82

Switch type: Mechanical

Battery: 4000mAh

Charging time: Around 5 hours

Charging port: Type-C

Mode: 2.4 GHz/ Cable / Bluetooth

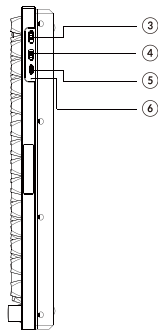
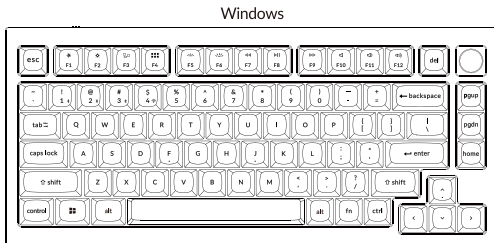
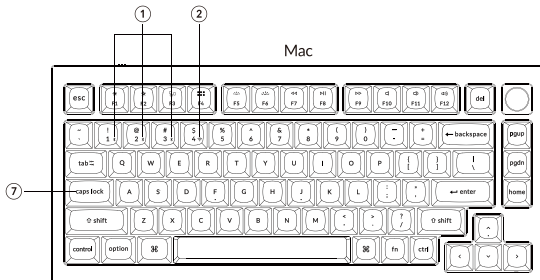
Wireless operating distance: Within 10 meters (open space)

Name of Bluetooth device: Keychron Q1 Ultra 8K

Operating environment: -10 to 50°C

Technical specifications can be subjected to change without notice, we apologize for any inconvenience caused.

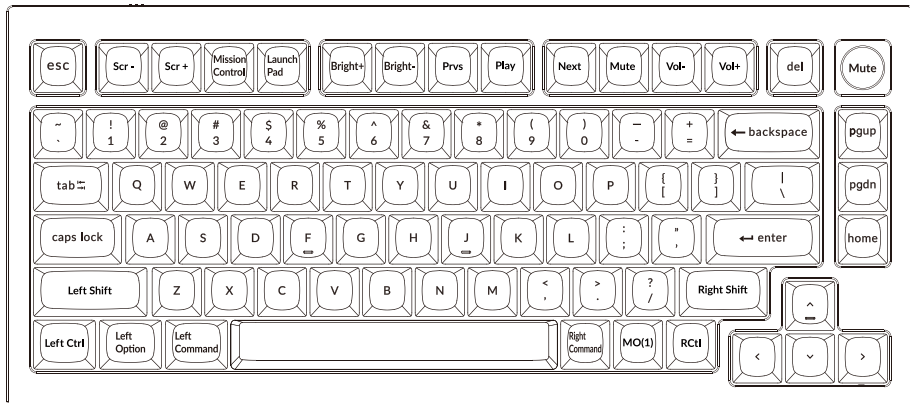
Q1 ULTRA WIRELESS MECHANICAL KEYBOARD OVERVIEW



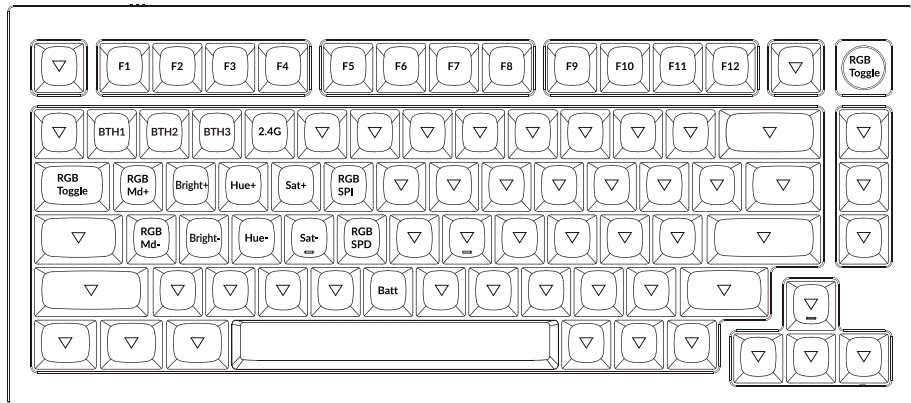
- ① Bluetooth Indicator
- ② 2.4 GHz Indicator
- ③ 2.4 GHz Cable BT (Mode Toggle)
- ④ Win/Android Mac/iOS (OS Toggle)
- ⑤ Type-C Port
- ⑥ Power Indicator
- ⑦ Caps Lock Indicator

DEFAULT KEY LAYOUT:

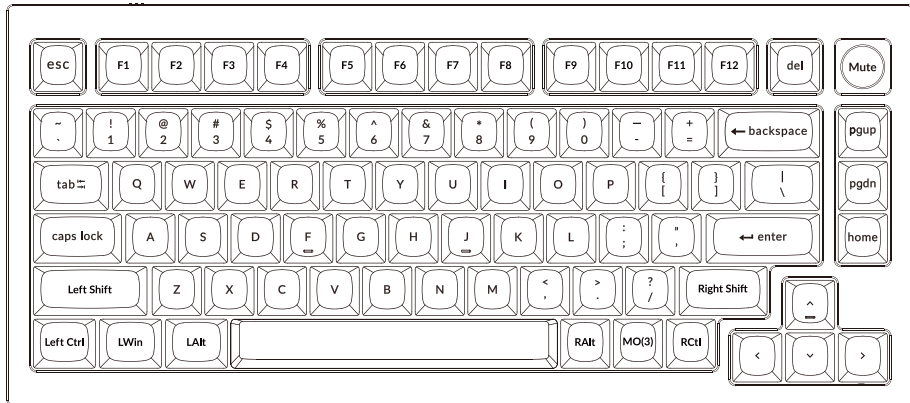
LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.



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

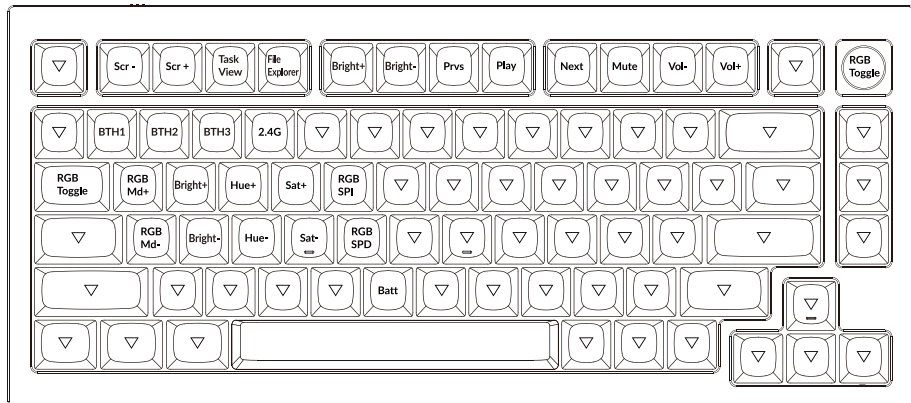


LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.



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		Key Description		Key Description	
Scr-	Screen Brightness Decrease	RGB Md-	RGB Mode Previous	2.4G	2.4 GHz Host
Scr+	Screen Brightness Increase	Hue+	Hue Increase	Batt	Battery Life
Bright-	Backlight Decrease	Hue-	Hue Decrease		
Bright+	Backlight Increase	RGB SPI	RGB Speed Increase		
Prvs	Previous	RGB SPD	RGB Speed Decrease		
Play	Play/Pause	MO(1)	Layer 1 will be activated when holding this key		
Next	Next	MO(3)	Layer 3 will be activated when holding this key		
Mute	Mute	BTH1	Bluetooth Host 1		
Vol-	Volume Decrease	BTH2	Bluetooth Host 2		
Vol+	Volume Increase	BTH3	Bluetooth Host 3		
RGB Toggle	Turn Backlight on/off	Sat+	Saturation Increase		
RGB Md+	RGB Mode Next	Sat-	Saturation Decrease		

LED STATUS OVERVIEW

LED Location	Function	Status
Power Indicator	Charging	Charging - Static Red Fully charged - Static Green
Bluetooth / 2.4 GHz Indicator	Bluetooth / 2.4 GHz	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; Fully charged in around 5 hours, a green battery indicator will appear.

*The Keychron keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The Keychron Q1 Ultra 8K can be charged in 2.4 GHz/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.

2.4 GHZ / BLUETOOTH / WIRED MODE (MODE TOGGLE)

2.4 GHZ WIRED MODE

1. Switch the toggle to the "G" option. Press "fn" + "4" on your keyboard for 4 seconds to activate the 2.4 GHz pairing status.
2. Connect the 2.4 GHz receiver to your device's USB / Type-C Port. The keyboard will automatically connect to your device.

FORCED PAIRING

1. Remove the receiver from your device and switch the keyboard to "G" option to activate the keyboard. The backlight will be turned on.
2. Press "fn" + "4" on your keyboard for 4 seconds to activate the 2.4 GHz pairing status. Under this status, the 2.4 GHz channel indicator will flash for 3 minutes.
3. Reinsert the receiver into the device and then the keyboard starts to pair with the device. After successful pairing, the 2.4 GHz channel indicator will be off.

*Keep the keyboard within 20 cm of the receiver for optimal pairing

BLUETOOTH MODE

1. Switch the toggle to the "BT" 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 "Keychron Q1 Ultra 8K" 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 “BT” option to activate the keyboard.
2. The Bluetooth indicator flashes for 4 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 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.

DEFAULT REPORT RATE UNDER THREE MODES

Mode	Default Report Rate (Polling Rate)
2.4 GHz	8000 Hz
Wired	8000 Hz
Bluetooth	133 Hz

TURN OFF THE KEYBOARD

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

BACKLIGHT SETTING

- Short press key combination “fn” + “tab” or “fn” + “knob (press)” 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.

My keyboard isn't working in 2.4 GHz mode.

Ensure the toggle is set to 2.4 GHz, remove the receiver from your device, and press "fn" + "4" for 4 seconds to force pair, then reinsert the receiver into the device, keeping the keyboard within 20 cm of the receiver for optimal pairing.

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/Android OS, functions 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: 

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.

Keychron, Inc.
Dover, DE 19901, United States

Find us at:

<https://www.keychron.com>

support@keychron.com

 @keychron

 @keychron

 @keychronMK

Designed by Keychron

Made in China

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 void 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.