



**Q5 HE Wireless Magnetic Switch Keyboard**

Knob  
Version

How to Remap Your QMK Enabled Q HE Series Keyboard on macOS, Windows, Linux:

<https://www.keychron.com/blogs/news/how-to-use-launcher-to-program-your-keyboard>

<https://www.keychron.com/pages/how-to-use-he-mode-on-keychron-launcher>

Source Code, download link will be available on the product page of our official website if the code is up on Github, you can then search “source code” to find it.

More files for further customization:

<https://www.keychron.com/pages/keychron-q5-he-user-guide>

# Fully Assembled Version

## Keyboard

1x Fully Assembled Keyboard

## Including

1x Aluminum Case

1x PCB

1x Aluminum Plate

1x Sound Absorbing Foam

1x Latex Bottom Pad

1x Bottom Case Acoustic Foam

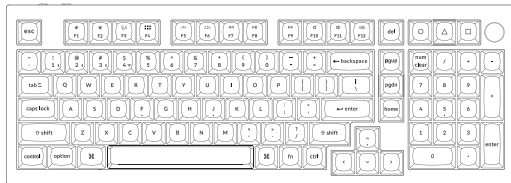
1x Bottom Case PET Film

14x Gaskets (12 Installed and 2 in the Box)

7 sets x Stabilizers

1 set x Keycaps (PBT Double-shot)

1 set x Magnetic Switches



## Cable

1x Type-C Cable

1x Type-A to Type-C Adapter

1x Extension Adapter for Receiver

## Receiver

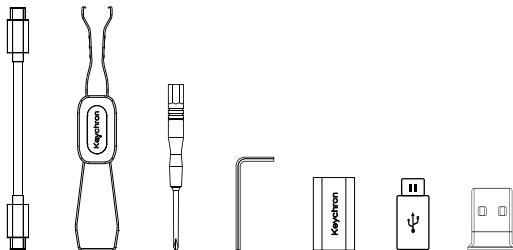
1x Type-A 2.4 GHz Receiver

## 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 Aluminum Plate

1x Sound Absorbing Foam

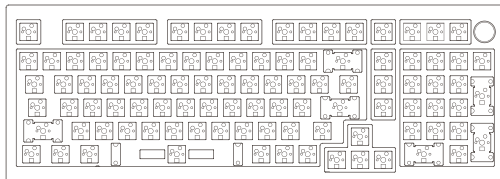
1x Latex Bottom Pad

1x Bottom Case Acoustic Foam

1x Bottom Case PET Film

14x Gaskets (12 Installed and 2 in the Box)

7 sets x Stabilizers



## Cable

1x Type-C Cable

1x Type-A to Type-C Adapter

1x Extension Adapter for Receiver

## Receiver

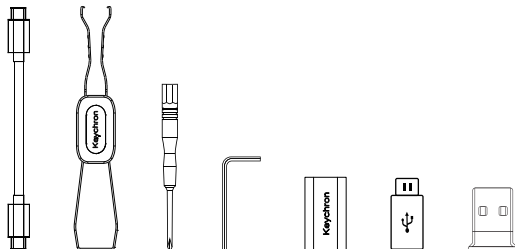
1x Type-A 2.4 GHz Receiver

## Tools

1x Keycap & Switch Puller

1x Screwdriver

1x Hex Key

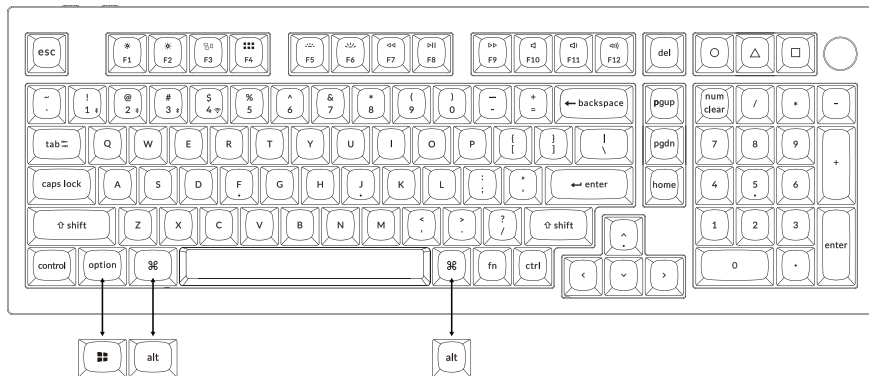




# Quick Start Guide

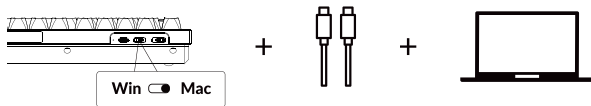
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

Mac / Windows



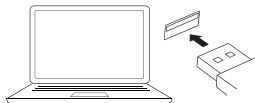
## 1 Switch To The Right System

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

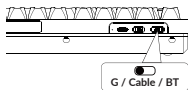


## 2 Connect 2.4 GHz Receiver

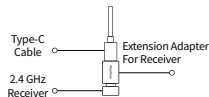
Connect the 2.4 GHz receiver to the device USB port.



Switch toggle to 2.4 GHz mode



G = 2.4 GHz

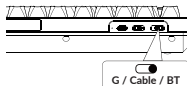


Note: For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4 GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.

### 3 Connect Bluetooth



Switch toggle to Bluetooth



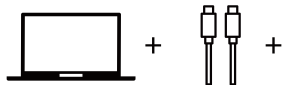
Press fn + 1 (for 4 seconds) and pair with device named Keychron Q5 HE



fn + 1

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### 4 Connect Cable

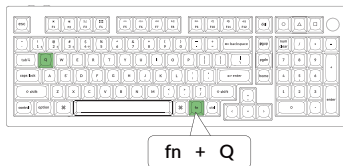


Switch toggle to Cable



## 5 The Backlight

Press fn + Q to change the lighting effect



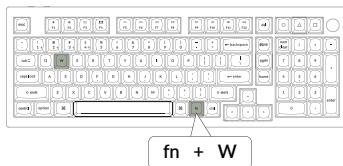
Press fn + tab to turn the backlight on/off



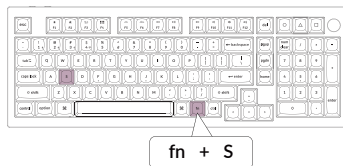
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## 6 Adjust The Backlight Brightness

Press fn + W to increase the backlight brightness

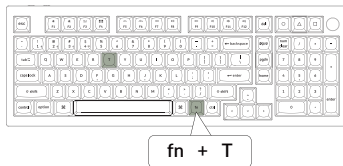


Press fn + S to decrease the backlight brightness

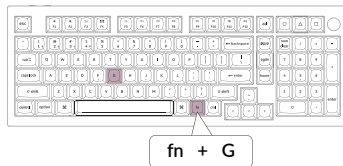


## 7 Adjust The Backlight Speed

Press fn + T to increase the light effect speed



Press fn + G to decrease the light effect speed



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## 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 The Keychron Launcher App

Please visit [launcher.keychron.com](https://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.
- \* The Launcher only works when the keyboard is connected by wire to the computer.

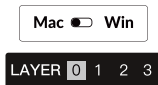
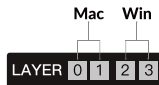
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## 10 The Layers

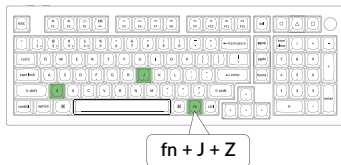
There are four layers of key settings on the keyboard. The layer 0 and layer 1 are for the Mac system. The layer 2 and layer 3 are for the Windows system.

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.



## 11 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](https://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](https://keychron.com).

## **Q5 HE WIRELESS MAGNETIC SWITCH KEYBOARD SPECIFICATIONS**

Number of keys: 102

Switch type: Magnetic switch

Battery: 4000mAh

Wireless working time (RGB): Up to 100 hours (Lowest brightness)

Charging time: Around 5 hours

Charging port: Type-C

Mode: 2.4 GHz/ Cable / Bluetooth

Wireless operating distance: Within 10 meters (open space)

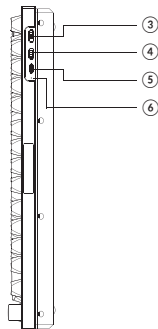
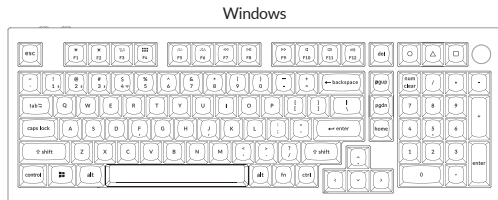
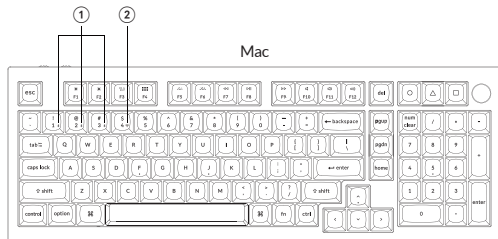
Name of Bluetooth device: Keychron Q5 HE

Operating environment: -10 to 50°C

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



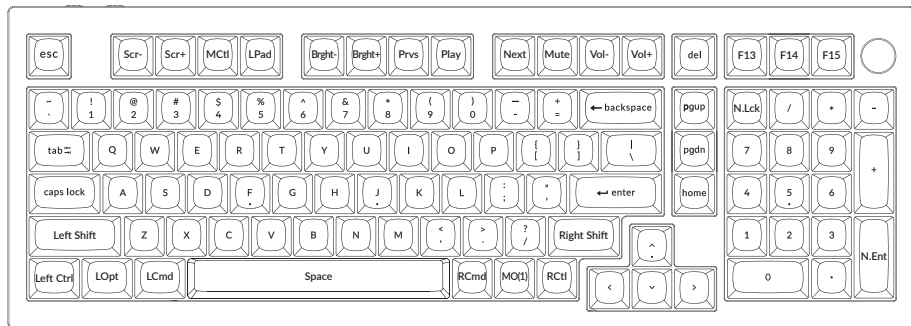
## Q5 HE WIRELESS MAGNETIC SWITCH KEYBOARD OVERVIEW



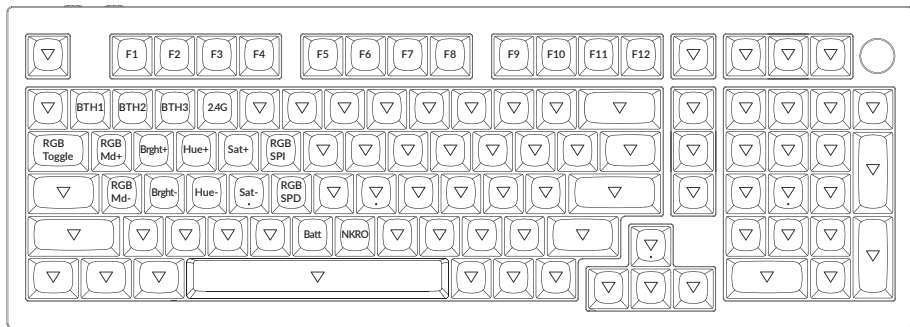
- ① Bluetooth Indicator
- ② 2.4 GHz Indicator
- ③ G Cable BT (Mode Toggle)
- ④ Win/Android Mac/iOS (OS Toggle)
- ⑤ Type-C Port
- ⑥ Power Indicator

## DEFAULT KEY LAYOUT:

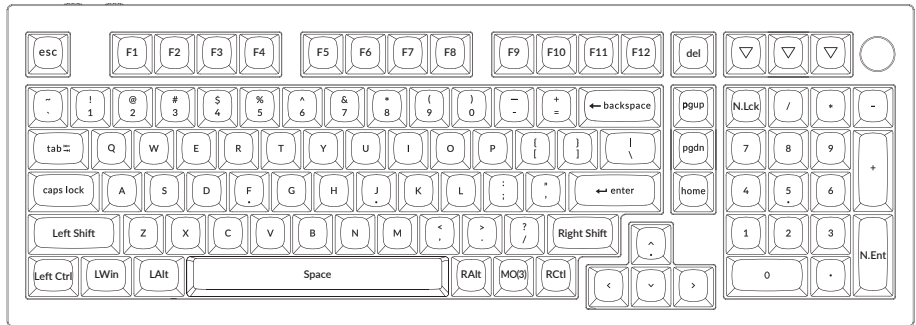
LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.



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

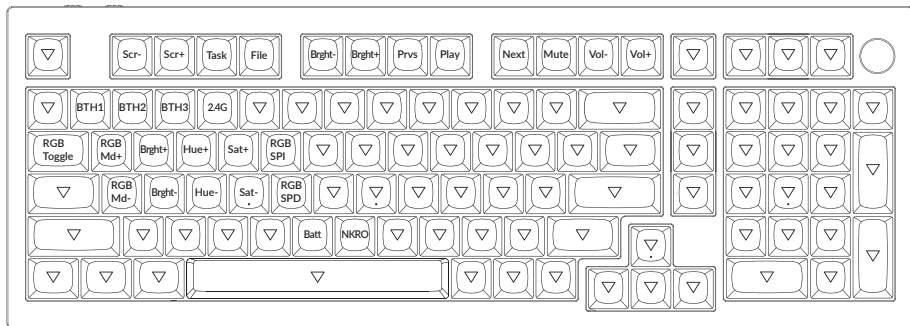


LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.



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

## 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 power indicator will appear. If the power is low, the red light will blink.

\*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 Q5 HE 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. Connect the 2.4 GHz receiver to your device's USB Port.
2. Switch the toggle to the 2.4 GHz option. The keyboard will automatically connect to your device.

### **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.

### **BLUETOOTH MODE**

1. Switch the toggle 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 "Keychron Q5 HE" 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 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.

## **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.

## **AUTO SLEEP MODE:**

When the keyboard is in Bluetooth or 2.4G wireless mode, it will enter AUTO SLEEP MODE when there are no key operations to save power.

1. After 10 minutes of inactivity, the keyboard backlight turns off. Press any key to wake up the keyboard;
2. After 30 minutes of inactivity, the keyboard will enter deep sleep mode and disconnect the wireless connection. Press the SPACE BAR to wake up the keyboard. The keyboard backlight turns on and automatically connects back to your device.

## OS TOGGLE

### 1 – MAC/iOS

Switch the toggle to Mac/iOS when the keyboard is connected to a Mac or iOS operating system.

### 2 – WINDOWS/ANDROID

Switch the toggle to Windows/Android when the keyboard is connected to a Windows or Android operating system.

*\*When using the Windows/Android mode,   keys are used for “Windows” and “Alt” functions.*

## 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.

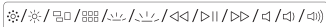
**Third-party input tools are not compatible with the keyboard.**

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:

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(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>

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Designed by Keychron

Made in China