



Q4 Pro Bluetooth Mechanical Keyboard

Download the JSON file in the link below if VIA does not automatically recognize keymap of the Q4 Pro:

<https://www.keychron.com/blogs/archived/how-to-factory-reset-or-flash-your-qmk-via-enabled-keychron-q4-pro-keyboard>

VIA Software for macOS, Windows, Linux: <https://usevia.app/#/>

How to Use VIA on Your Keychron Q Pro Series Keyboard:

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

Q4 Pro Source Code, please search "source code" on the product page on our official website.

Fully Assembled Version

Keyboard

1x Fully Assembled Keyboard

Including

1x Aluminum Case

1x PCB

1x PC Plate

1x Sound Absorbing Foam

1x Case Foam

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

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

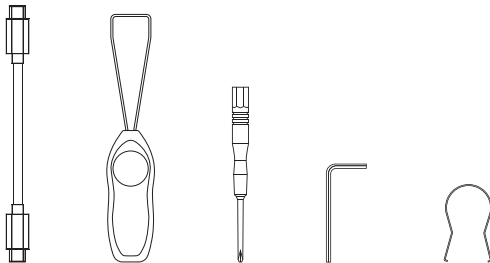
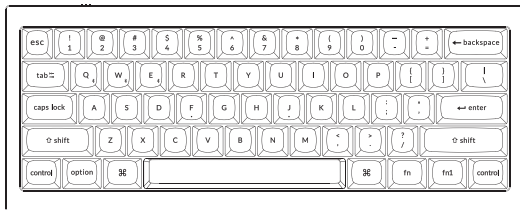
Tools

1x Switch Puller

1x Keycap Puller

1x Screwdriver

1x Hex Key



Barebone Version

Keyboard Kit

1x Keyboard Kit (Without Keycaps & Switches)

Including

1x Aluminum Case

1x PCB

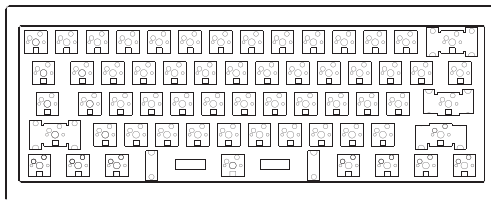
1x PC Plate

1x Sound Absorbing Foam

1x Case Foam

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

5 Sets x Stabilizers



Cable

1x Type-C to Type-C Cable

1x Type-A to Type-C Adapter

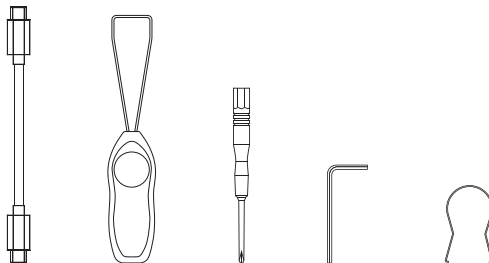
Tools

1x Switch Puller

1x Keycap Puller

1x Screwdriver

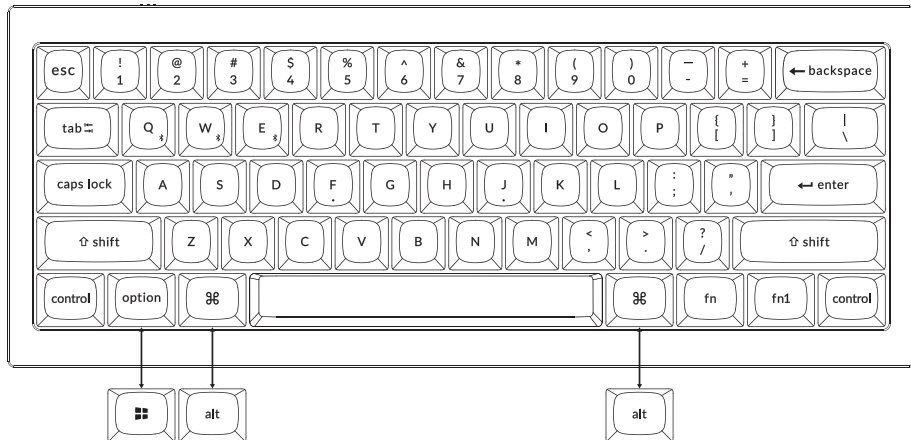
1x Hex Key



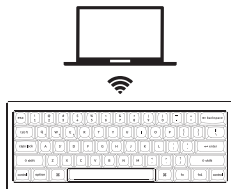
Quick Start Guide

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.

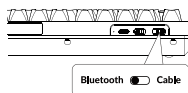
Mac / Windows



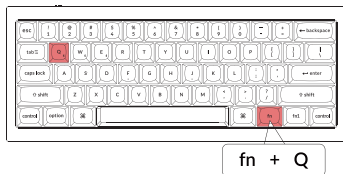
1 Connect Bluetooth



Switch toggle to Bluetooth



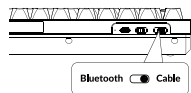
Press fn + Q (for 4 seconds) and pair with device named Keychron Q4 Pro.



2 Connect Cable



Switch toggle to Cable



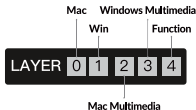
3 The VIA Key Remapping Software

Please visit caniusevia.com to download the latest VIA software to remap the keys.
If the VIA software cannot recognize your keyboard, please reach out to our support to get the instruction. (VIA only works when the keyboard is connected by wire to the computer.)



4 The Layers

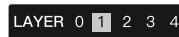
There are five layers of key settings on the keyboard.
The layer 0 is for the Mac system.
The layer 1 is for the Windows system.
The layer 2 is for the Mac Multimedia keys.
The layer 3 is for the Windows Multimedia keys.
The layer 4 is for the Function keys.



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

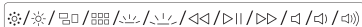


If your system toggle is switched to Windows, then the layer 1 will be activated.



5 Multimedia Key and Function Key

Multimedia keys



Function keys

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

In order to get Multimedia Key, you need to press fn and



Key.

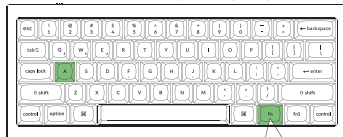
In order to get Function Key, you need to press fn1 and



Key.

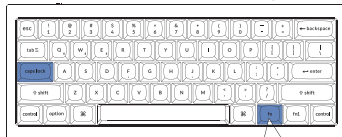
6 The Backlight

Press fn + A to change the lighting effect



fn + A

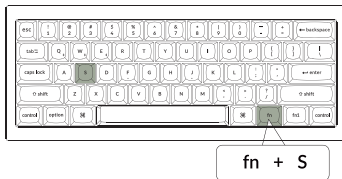
Press fn + caps lock to turn the backlight on/off



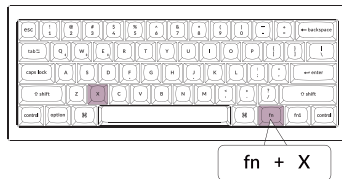
fn + caps lock

7 Adjust The Backlight Brightness

Press fn + S to increase the backlight brightness



Press fn + X 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.

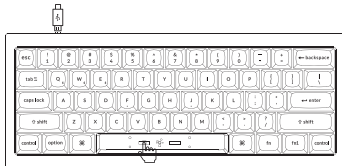


9 Watch The Building Tutorial On Our Website

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 Plug in the power cable and switch the keyboard to Cable mode.
- ② Factory reset the keyboard by pressing fn1 + J + Z (for 4 seconds).
- ③ Download the right firmware and QMK Toolbox from our website.
- ④ Switch the keyboard to OFF mode and remove the space bar keycap to find the reset button on the PCB.
- ⑤ Hold the reset key first, then switch the keyboard to Cable mode. Release the reset key, and the keyboard will now enter DFU mode.
- ⑥ Flash the firmware with the QMK Toolbox.
- ⑦ Factory reset the keyboard again by pressing fn1 + J + Z (for 4 seconds).

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

Q4 PRO BLUETOOTH MECHANICAL KEYBOARD SPECIFICATIONS

Number of keys: 61

Switch type: Mechanical

Battery: 4000mAh

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

Charging time: Around 5 hours

Charging port: USB Type-C

Mode: Bluetooth / Wired

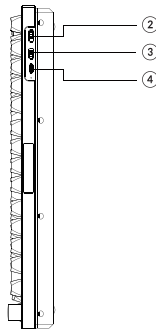
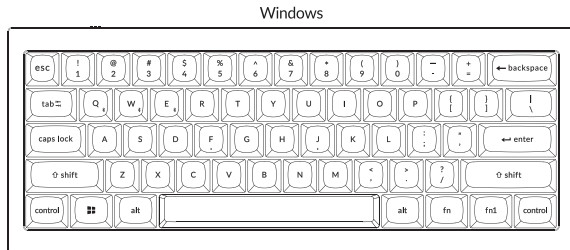
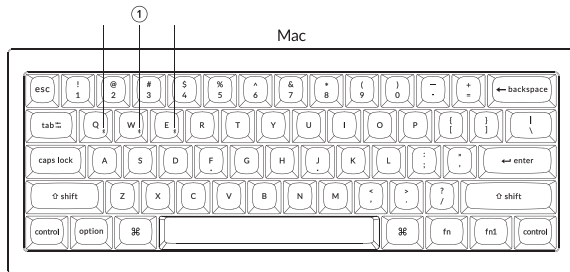
Bluetooth operating distance: Within 10 meters (open space)

Name of Bluetooth device: Keychron Q4 Pro

Operating environment: -10 to 50°C

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

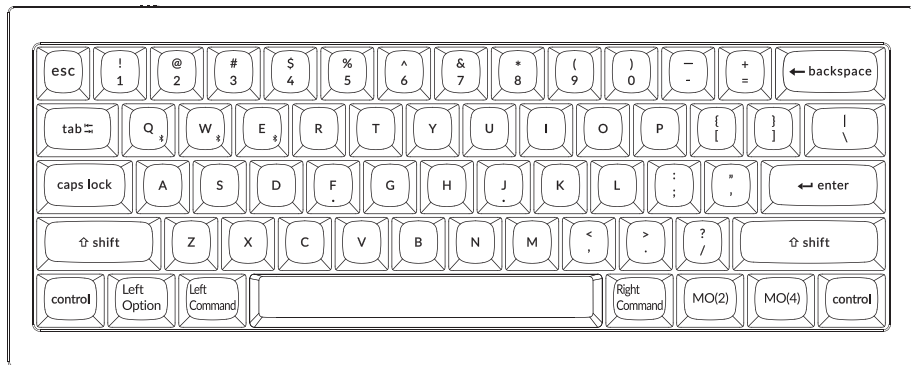
Q4 PRO BLUETOOTH MECHANICAL KEYBOARD OVERVIEW



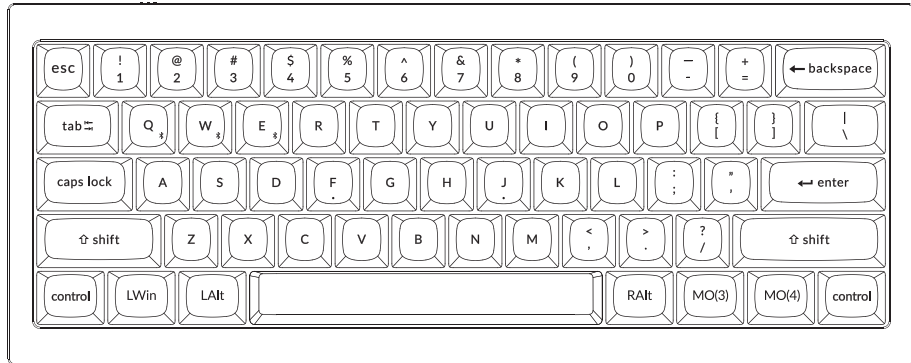
- ① Bluetooth indicator
- ② BT OFF Cable
(Mode Toggle Switch)
- ③ Win/Android Mac/iOS
(OS Toggle Switch)
- ④ Charging port

DEFAULT KEY LAYOUT:

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

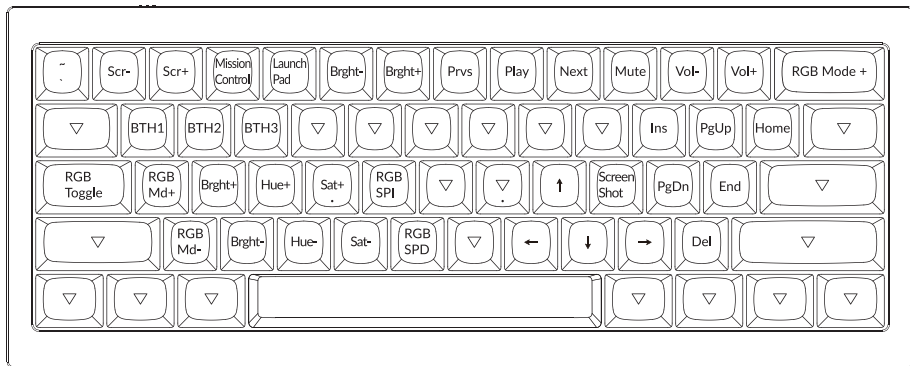


LAYER 1: This layer will be activated when your keyboard's system toggle is switched to Windows.

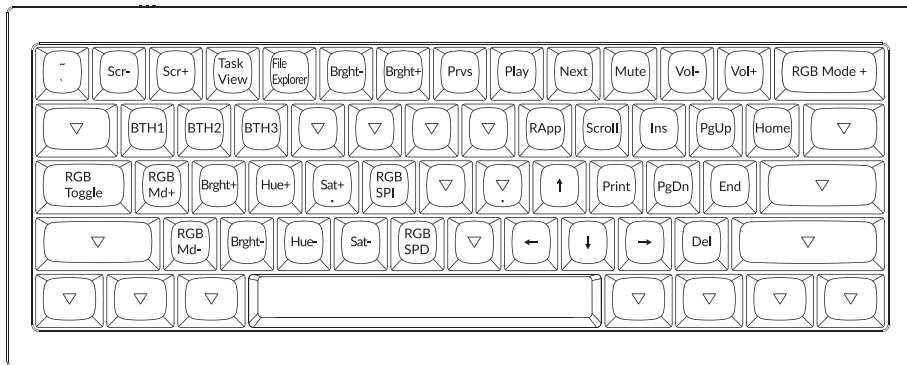


LWin = Left Windows LAlt = Left Alt RAlt = Right Alt

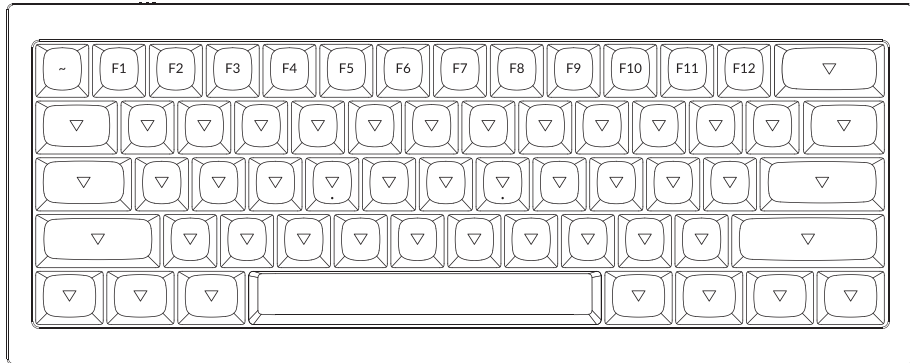
LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn/MO(2) key.



LAYER 3: This layer will be activated when your keyboard's system toggle is switched to Windows and press the fn/MO(3) key.



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



KEY DESCRIPTION

Key Description		Key Description	
Scr-	Screen Brightness Decrease	RGBMd-	RGB Mode Previous
Scr+	Screen Brightness Increase	Hue+	Hue Increase
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(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
Battery indicator	Charging	Charging - Static Red Fully charged - Static Green
Bluetooth indicator	Bluetooth	Pairing - Slow Blinking Paired - Light Off Switching - Fast Blinking

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 Keychron keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The Keychron Q4 Pro 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.

BLUETOOTH / WIRED MODE (MODE TOGGLE SWITCH)

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.

BLUETOOTH MODE

1. Switch the toggle switch 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 Q4 Pro" 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" + "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 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 OFF option.

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.

OS TOGGLE SWITCH

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.*

3 – INPUT METHOD SWITCH

For iOS:

Input method switch: Ctrl + Space

Caps Lock: Caps (Enable General>Keyboards>Hardware Keyboard>Caps Lock Language Switch)

For Android:

Input method switch: Shift + Space

NOTE: Functions of certain multimedia key may be disabled due to compatibility, versions, brands and drivers of Windows/Android OS. We also recommend not to switch OS frequently as it may impact keyboard operations.

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.

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.

Bluetooth connection is interrupted even within 10 meters.

Check if the keyboard is resting on a metal surface that can interfere with the Bluetooth 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(5°F) or above 50°C(131°F) to preserve the lifespan of the keyboard.

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Designed by Keychron

Made in China