Keychron

K4 Ultra 8K Wireless Mechanical Keyboard

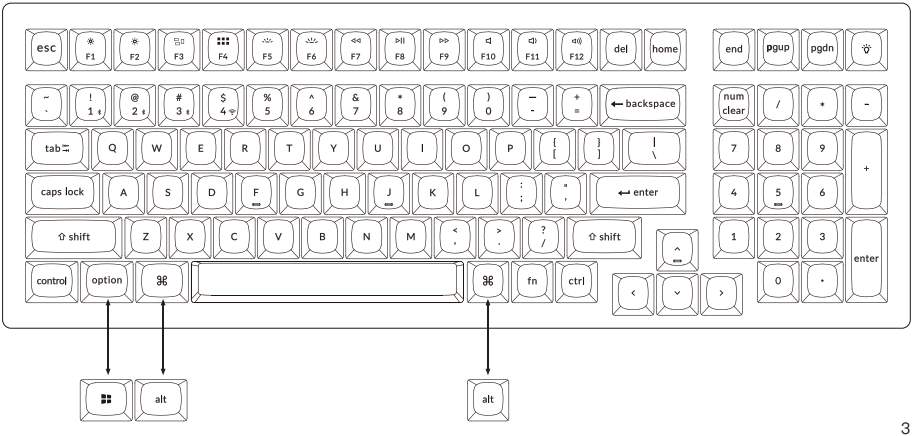
IN THE BOX:

Keychron K4 Ultra 8K Wireless Mechanical Keyboard x 1
Type-C Cable x 1
Type-A to Type-C Adapter x 1
Keycap & Switch Puller x 1
Manual x 1
Quick Start Guide x 1
Extra Keycaps Set x 1
Extension Adapter for Receiver x 1
Type-A 2.4GHz Receiver x 1

QUICK START GUIDE

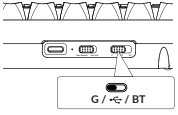
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

Mac / Windows



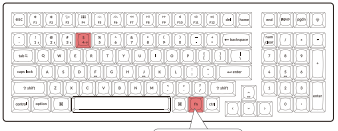
1 Connect 2.4GHz Receiver

Switch toggle to 2.4GHz mode



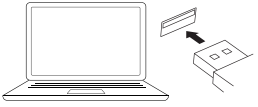
G = 2.4GHz

Press fn + 4 (for 3 seconds)

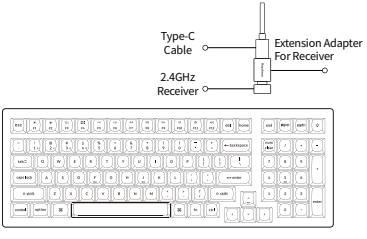


fn + 4

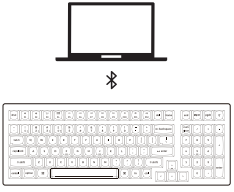
Connect the 2.4GHz receiver to the device USB port.



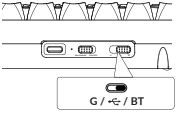
Note: For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.



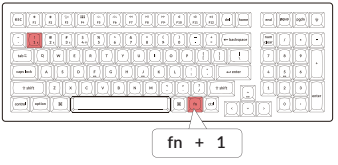
2 Connect Bluetooth



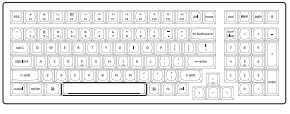
Switch toggle to Bluetooth



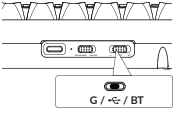
Press fn + 1 (for 3 seconds) and pair with device named Keychron K4 Ultra 8K.



3 Connect Cable

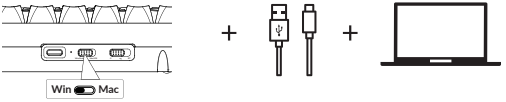


Switch toggle to Cable



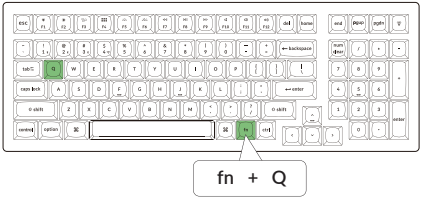
4 Switch To The Right System

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

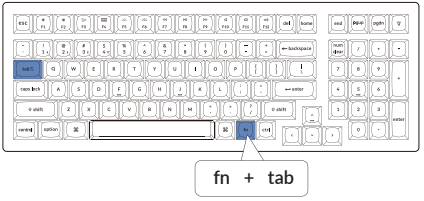


5 The Backlight

Press fn + Q to change the lighting effect

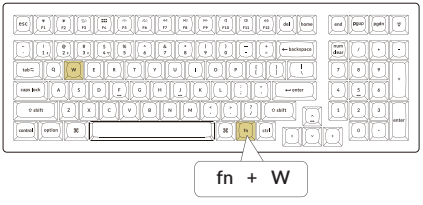


Press fn + tab to turn the backlight on/off

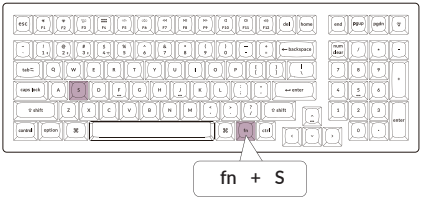


6 Adjust The Backlight Brightness

Press fn + W to increase the backlight brightness

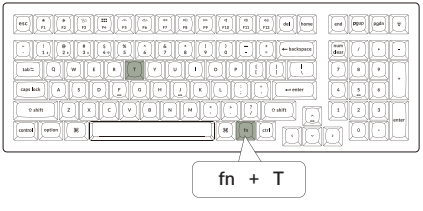


Press fn + S to decrease the backlight brightness

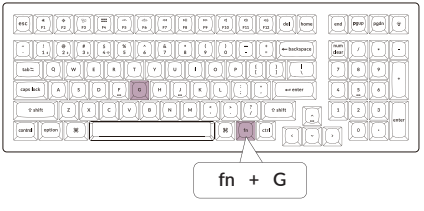


7 Adjust The Backlight Speed

Press fn + T to increase the light effect speed



Press fn + G to decrease the light effect speed



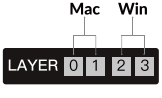
8 The Keychron Launcher App

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.

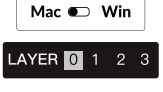
* The online Launcher can only run on the latest version of Chrome, Edge, and Opera browsers.

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.

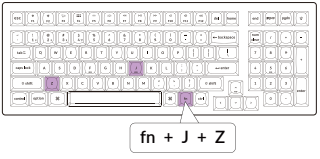


If your system toggle is switched to Mac, then the layer 0 will be activated.



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 3 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 during the warranty period, we will only replace the defective parts of the keyboard, not the whole keyboard.

K4 ULTRA 8K WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS

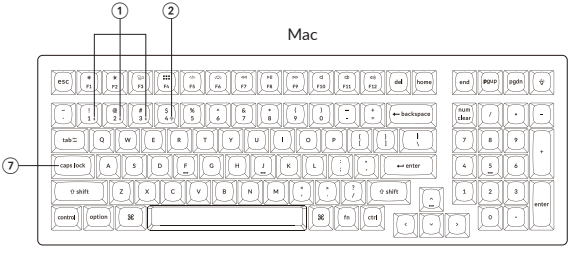
Number of keys: 100
Switch type: Mechanical
Battery: 4000mAh
Charging time: Around 5 hours
Charging port: Type-C
Mode: Bluetooth / Wired / 2.4GHz
Bluetooth operating distance: Within 10 meters (open space)
Name of Bluetooth device: Keychron K4 Ultra 8K

LED STATUS OVERVIEW

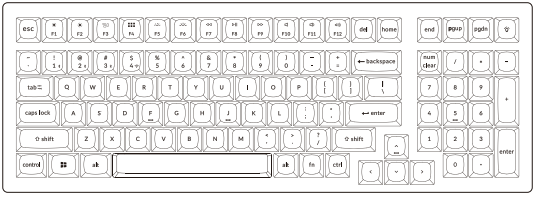
Function	LED Location	Status
Charging	Power Indicator	Low Power - Red Light Blinking Charging - Static Red Fully charged - Static Green
Bluetooth	Bluetooth Indicator	Switching - Fast Blinking Paired - Light Off Pairing - Slow Blinking
2.4G	2.4G Indicator	Reconnecting - Fast Blinking Paired - Light Off Paring - Slow Blinking
Caps Lock	Caps Lock Indicator	Enable Caps Lock - Static White Disable Caps Lock - Light Off

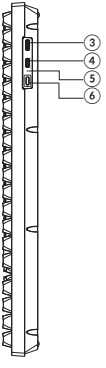
K4 ULTRA 8K WIRELESS MECHANICAL KEYBOARD OVERVIEW

Mac



Windows

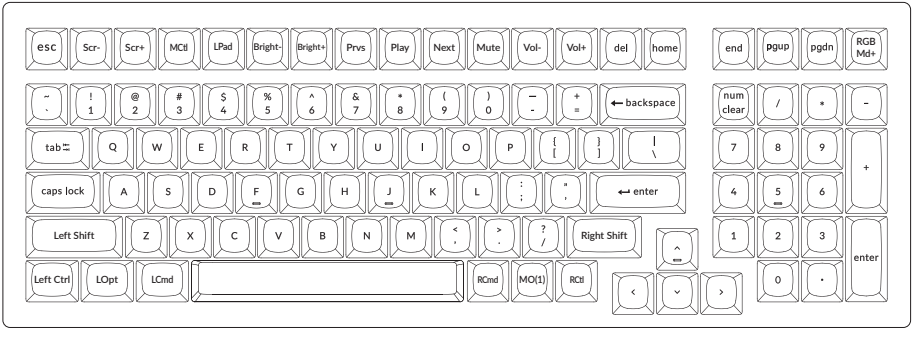




① Bluetooth Indicator
② 2.4GHz Channel Indicator
③ 2.4G/Cable/Bluetooth (Connection Mode Toggle)
④ Win/Android Mac/iOS (OS Toggle)
⑤ Power Indicator
⑥ Type-C Port
⑦ Caps Lock Indicator

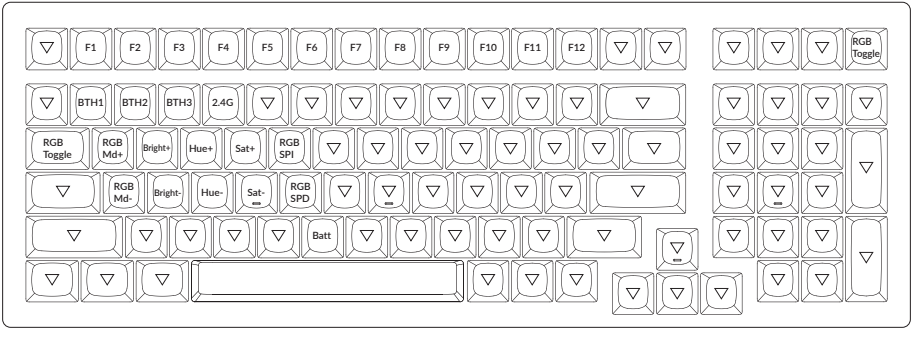
DEFAULT KEY LAYOUT:

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

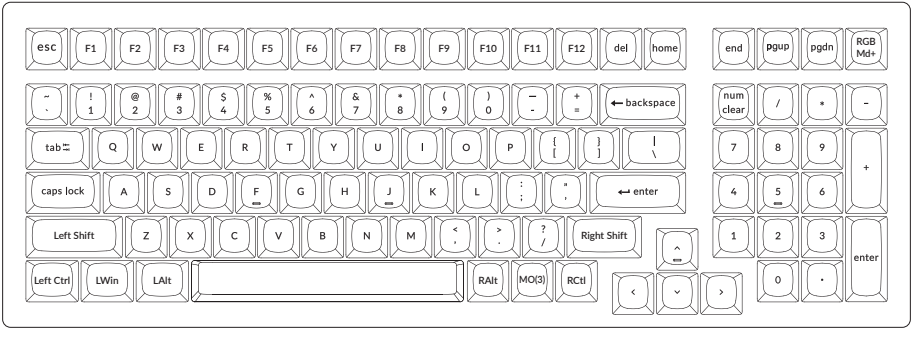


LOpt = Left Option LCmd = Left Command RCmd = Right Command RCtl = Right Ctrl

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

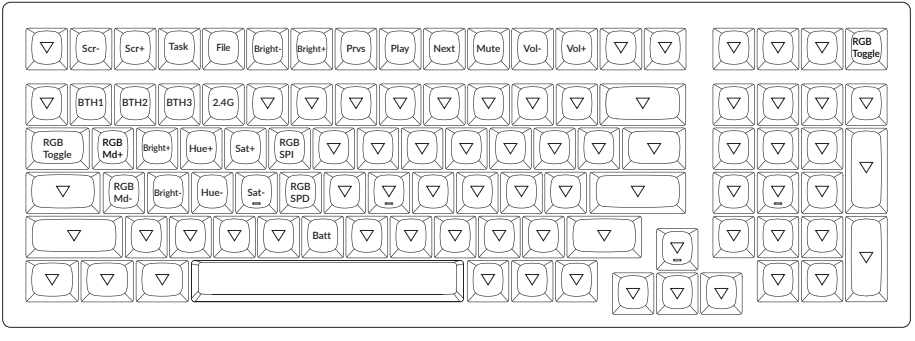


LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.



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
RGBMd+	RGB Mode Next

Key Description	
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
2.4G	2.4GHz Host
Batt	Battery Life

Key Description	
Task	Task View
File	File Explorer
MCtl	Mission Control
LPad	LaunchPad
Sat+	Saturation Increase
Sat-	Saturation Decrease

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.

*The K4 Ultra 8K keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The K4 Ultra 8K 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.

2.4GHZ / CABLE / BLUETOOTH MODE (MODE TOGGLE)

2.4GHZ MODE

1. Switch the toggle to the "G" option.
2. Press "fn" + "4" on your keyboard for 3 seconds to activate the 2.4GHz pairing status.
3. Connect the 2.4GHz receiver to your device's USB Port. The keyboard will automatically connect to your device.

BLUETOOTH MODE

1. Switch the toggle to the “BT” option.
2. Backlighting will be turned on.
3. Hold “fn”+“1” key for 3 seconds to activate Bluetooth pairing (the Bluetooth indicator fast flashes for 3 minutes to detect pairing).
4. Search for the Bluetooth device “Keychron K4 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 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 to the "" 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 "" option and unplug the power cable.

DEFAULT REPORT RATE UNDER THREE MODES

Mode	Default Report Rate (Polling Rate)
2.4 GHz	1000 Hz
Wired	1000 Hz
Bluetooth	125 Hz

POLLING RATE SWITCHING

Please configure the polling rate settings through the Keychron Launcher web app:
launcher.keychron.com

BACKLIGHT SETTING

- Short press to switch between different types of lighting effects.
- When backlighting is on, press button to switch among them.

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, [⊞] [alt] 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 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 3 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: ☼/☀/⊡/⊞/⌣/⌣/◁◁/▷II/▷▷/◁/◁)/◁))

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 and battery.

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Designed by Keychron
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