Keychron

V3 Ultra 8K Wireless Mechanical Keyboard User Manual

Knob
Version

Fully Assembled Version

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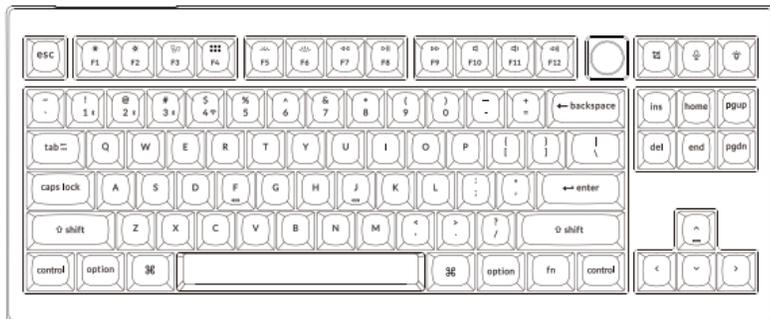1x PET Foam
1x EPDM Foam
1x PET Film
1x Case Foam
5 Sets x Stabilizers
1 Set x Keycaps (PBT Double-shot)
1 Set x Switches

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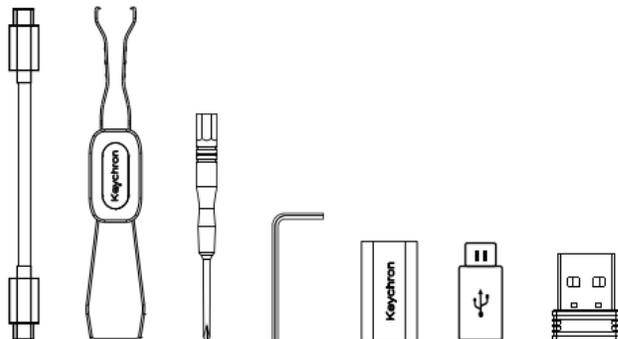1x Extension Adapter For Receiver

Receiver
1x Type-A 2.4GHz 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
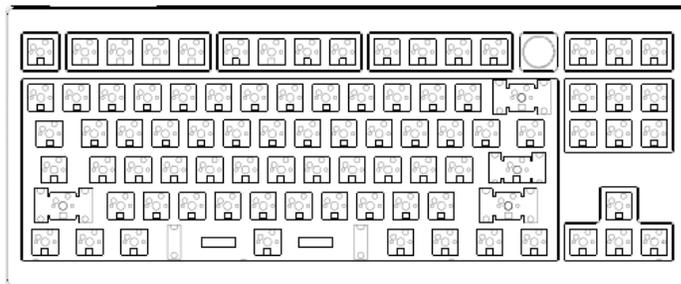1x PC Plate
1x Sound Absorbing Foam
1x PET Foam
1x EPDM Foam
1x PET Film
1x Case Foam
5 Sets x Stabilizers

Cable
1x Type-C Cable
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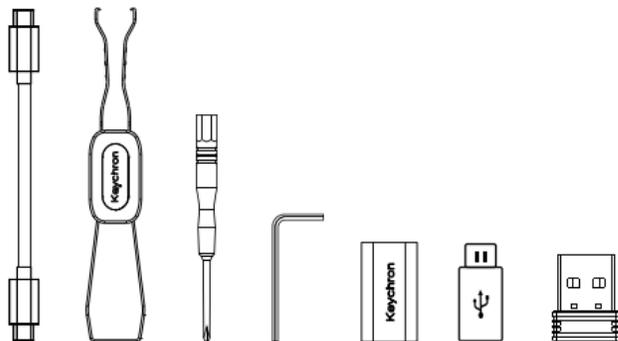1x Extension Adapter For Receiver

Receiver
1x Type-A 2.4GHz Receiver

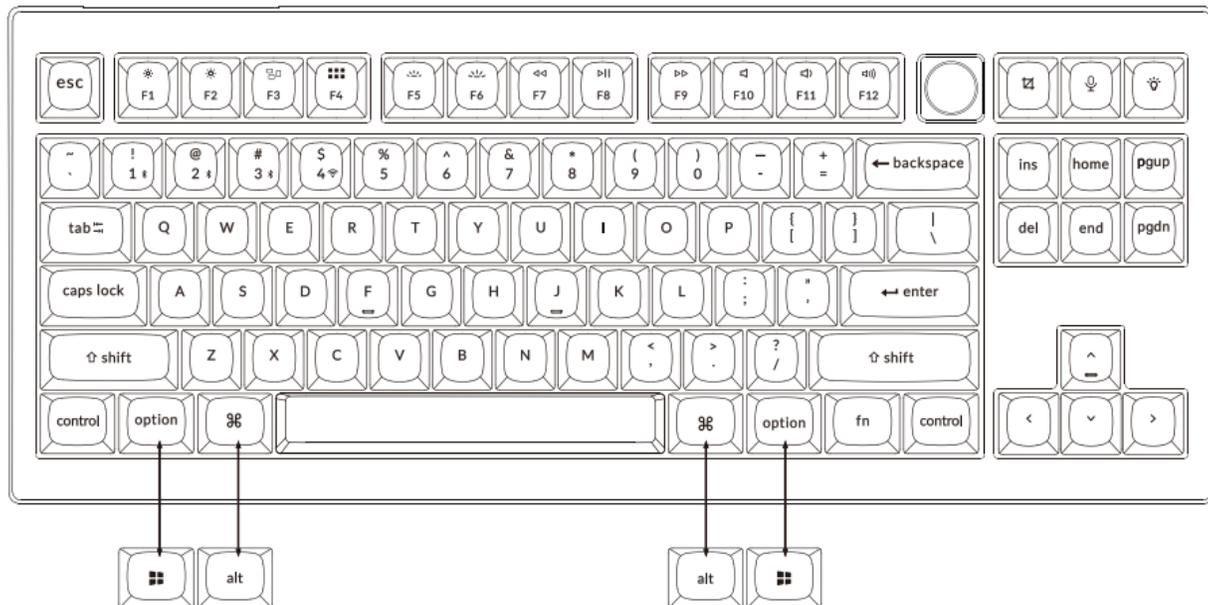**Tools**
1x Keycap & Switch Puller
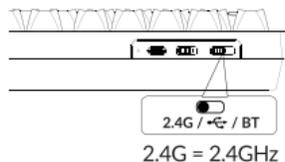1x Screwdriver
1x Hex Key

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 2.4GHz Receiver

Switch toggle to 2.4GHz mode

2.4G / 🔋 / BT

2.4G = 2.4GHz

Press Fn + 4 (for 4 seconds)

fn + 4
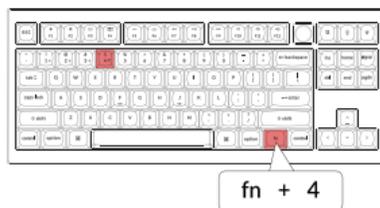
Connect the 2.4GHz receiver to the device USB port.

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.

Type-C Cable

Extension Adapter For Receiver

2.4GHz Receiver
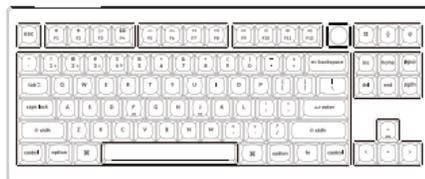
2 Connect Bluetooth

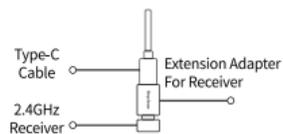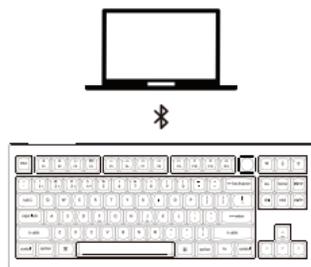Switch toggle to Bluetooth

2.4G / ⌁ / BT
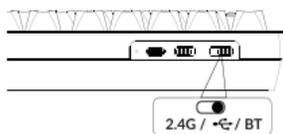
Press Fn + 1 (for 4 seconds) and pair with device named Keychron V3 Ultra 8K.

fn + 1

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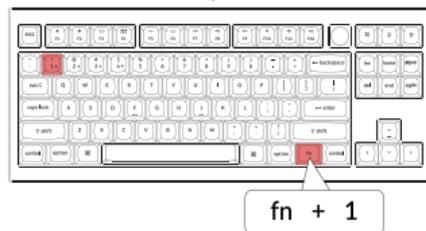
3 Connect Cable

+

+

Switch toggle to Cable

2.4G / ⌁ / BT
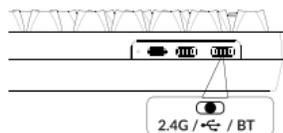
4 Switch To The Right System

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

Win ⬤ Mac

+   +

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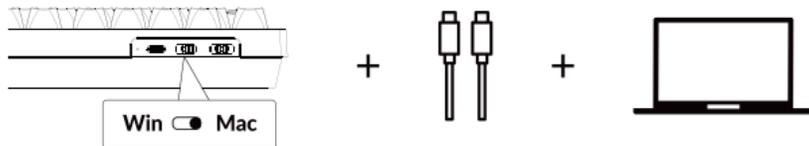
5 The Backlight

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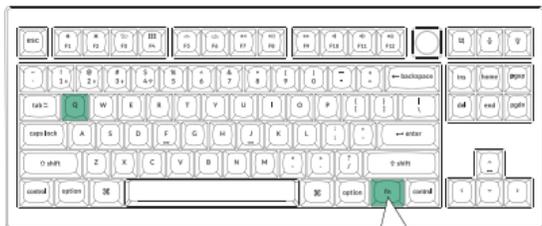
fn + Q

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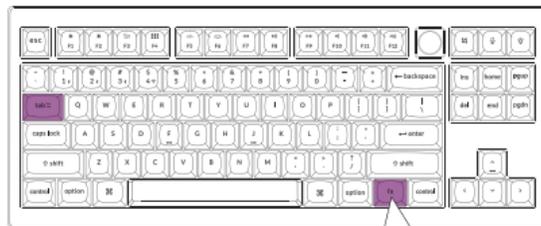
fn + tab

6 Adjust The Backlight Brightness

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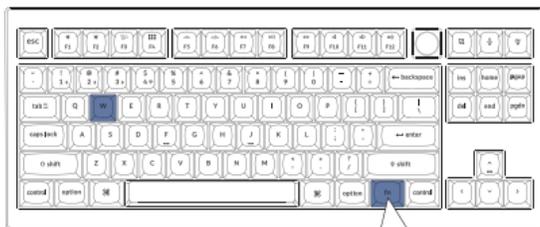
fn + W

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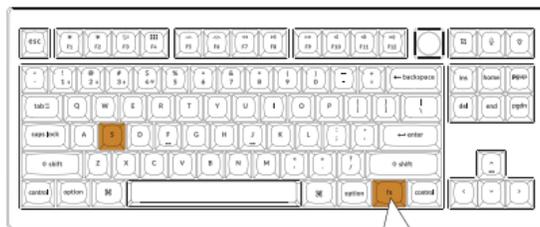
fn + S

7 Adjust The Backlight Speed

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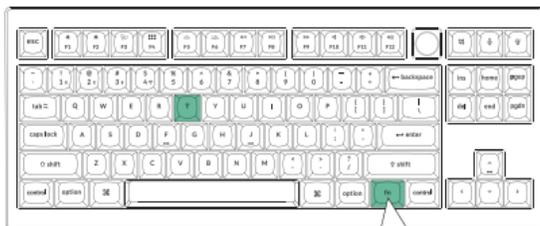
fn + T

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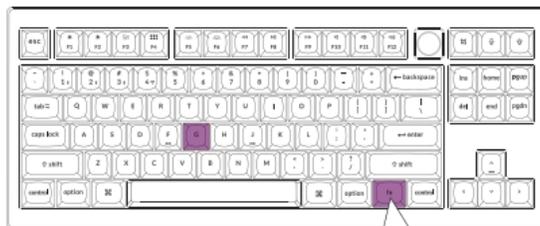
fn + G

8 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 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.

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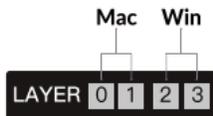
If your system toggle is switched to Mac, then the layer 0 will be activated.

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
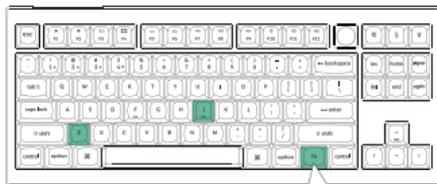
fn + J + Z

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.

V3 ULTRA 8K WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS

	Specifications
Layout	TKL
Switch type	Mechanical
Width	149 mm
Length	367.8 mm
Front height	23.6 mm (without keycaps) 33.7 mm (with keycaps installed)
Back height	32.5 mm (without keycaps) 41.6 mm (with keycaps installed)
Keyboard feet height	2 mm
Angle	4 / 7 / 10 degree

V3 ULTRA 8K WIRELESS MECHANICAL KEYBOARD OVERVIEW

Mac
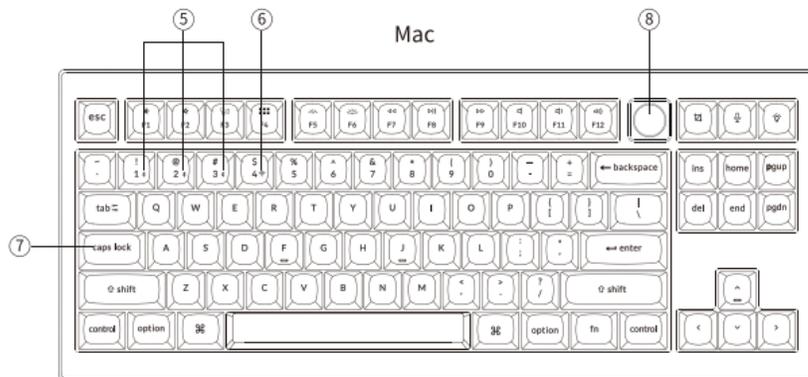
Windows
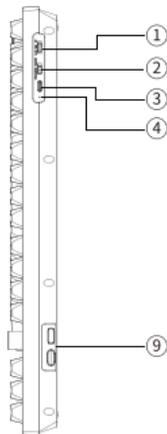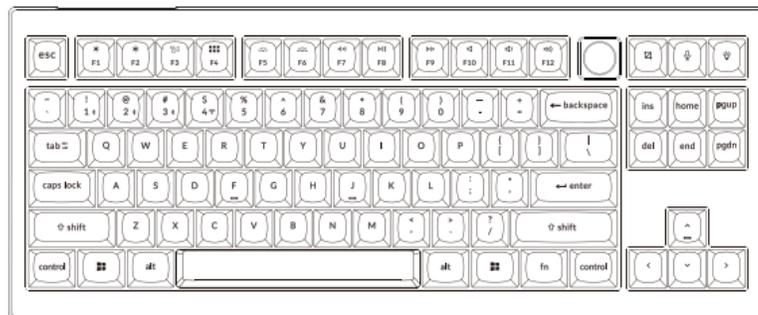
1. 2.4G/Cable/Bluetooth (Mode Toggle)
2. Win/Android Mac/iOS (OS Toggle)
3. Type-C Port
4. Power Indicator
5. Bluetooth Channel Indicator
6. 2.4GHz Channel Indicator
7. Caps Lock Indicator
8. Knob
9. Receiver Compartment

DEFAULT KEY LAYOUT:

LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.
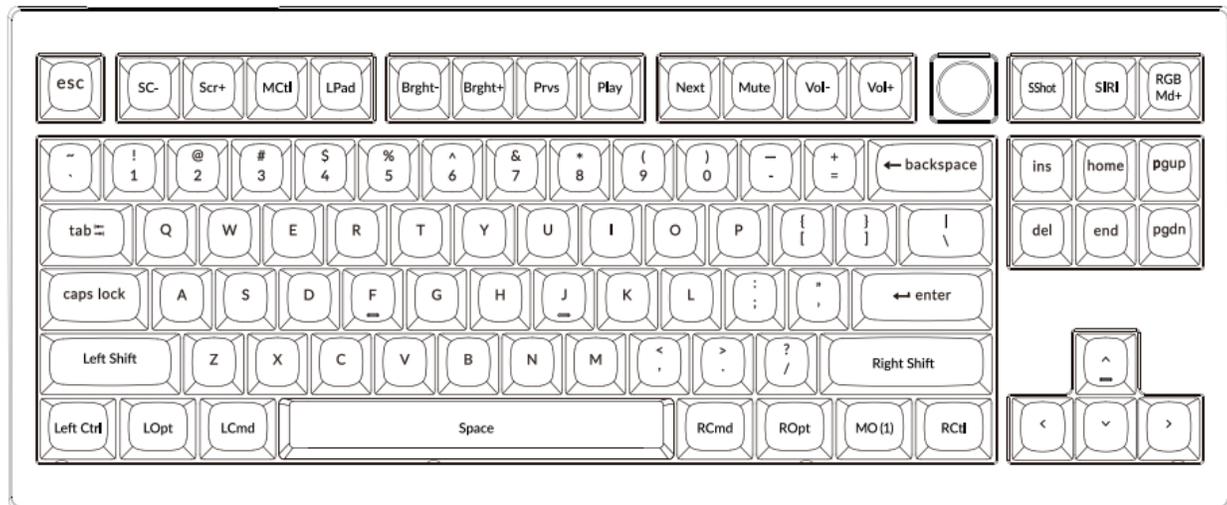
LAYER 1: This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn/MO(1) key.
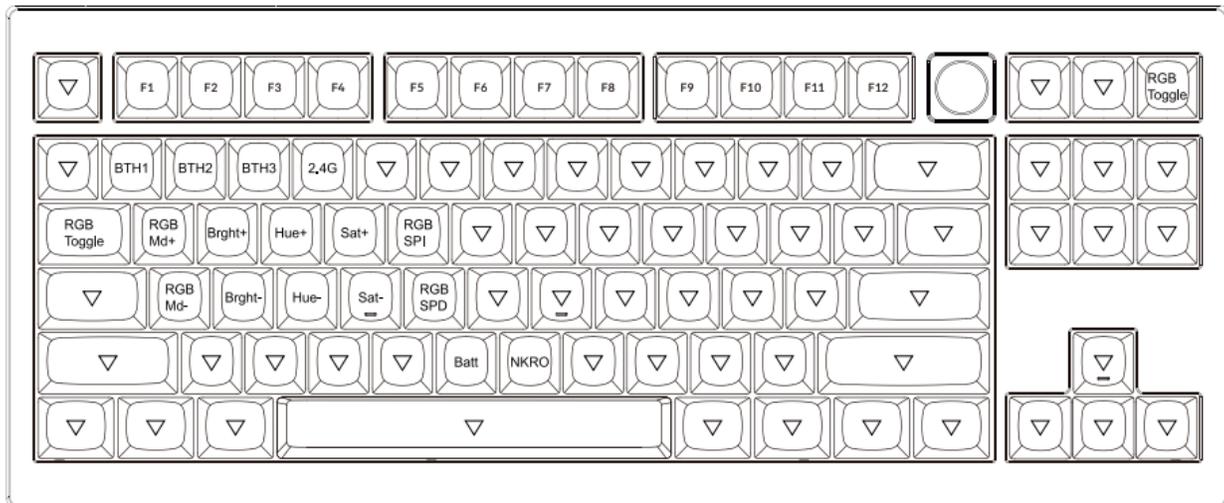
LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.
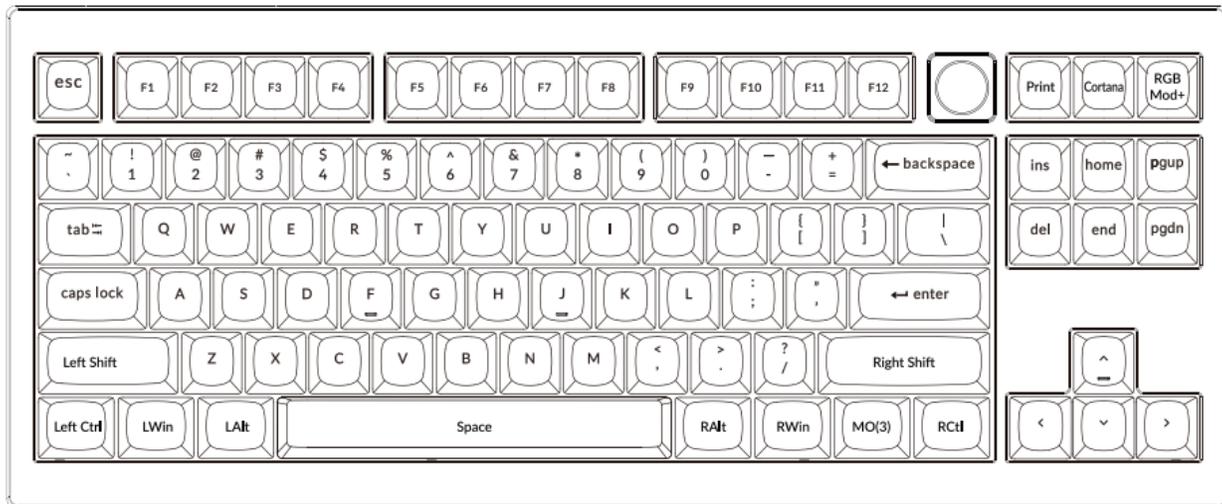
LWin = Left Windows   LAlt = Left Alt   RAlt = Right Alt   RWin = Right Windows   RCtl = Right Ctrl

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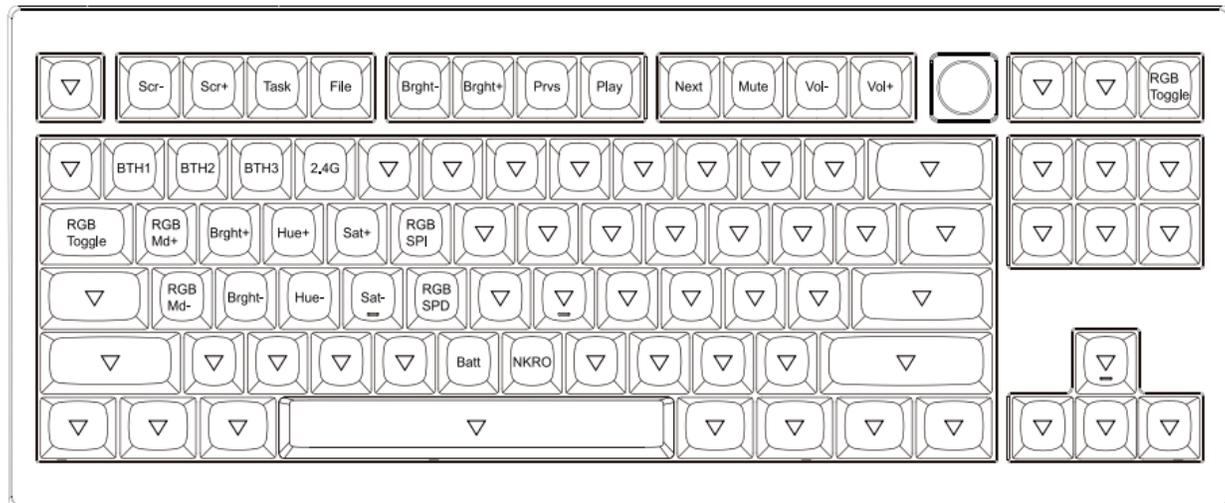
KEY DESCRIPTION

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	
RGB Md+	RGB Mode Next
RGB Md-	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
Batt	Battery Life
NKRO	N-key Rollover

LED STATUS OVERVIEW

LED Location	Function	Status
Power Indicator	Charging	Charging - Static Red Fully Charged - Static Green
Bluetooth / 2.4GHz Channel 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. Power indicator:
A red light will stay on while charging; Fully charged in around 5 hours, a green power indicator
will appear.

*The V3 Ultra 8K keyboard is compatible with all USB ports. Please use a 5V 3A adapter or USB 3.0
for the best performance. The V3 Ultra 8K can be charged in 2.4 GHz/Cable/Bluetooth mode.
**This product supports up to 5V charging voltage. We are not responsible for any problems caused
by improper charging.

2.4GHZ / BLUETOOTH / WIRED MODE (MODE TOGGLE)

2.4GHZ MODE
1. Switch the toggle to the "2.4G" 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 "2.4G" option to activate the keyboard. The backlight will be opened.
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 Channel Indicator fast flashes for 3 minutes to detect pairing).
4. Search for the Bluetooth device "Keychron V3 Ultra 8K" on your device and connect it (the Bluetooth Channel 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 Channel 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 Channel Indicator flashes for 3 seconds and automatically pairs with the last paired device.
3. If the Bluetooth Channel 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.

DEFAULT REPORT RATE UNDER THREE MODES

Mode	Default Report Rate (Polling Rate)
2.4G	1000 Hz
Wired	1000 Hz
Bluetooth	133 Hz

TURN OFF THE KEYBOARD
Switch the keyboard to the " ⇆ " option and unplug the power cable.

BACKLIGHT SETTING
● Short press key combination "fn" + "tab" / "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.

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(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