

Keychron Q12 Max Wireless Mechanical Keyboard



Keychron Q12 Max Wireless Mechanical Keyboard Instruction Manual

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Keychron Q12 Max Wireless Mechanical Keyboard

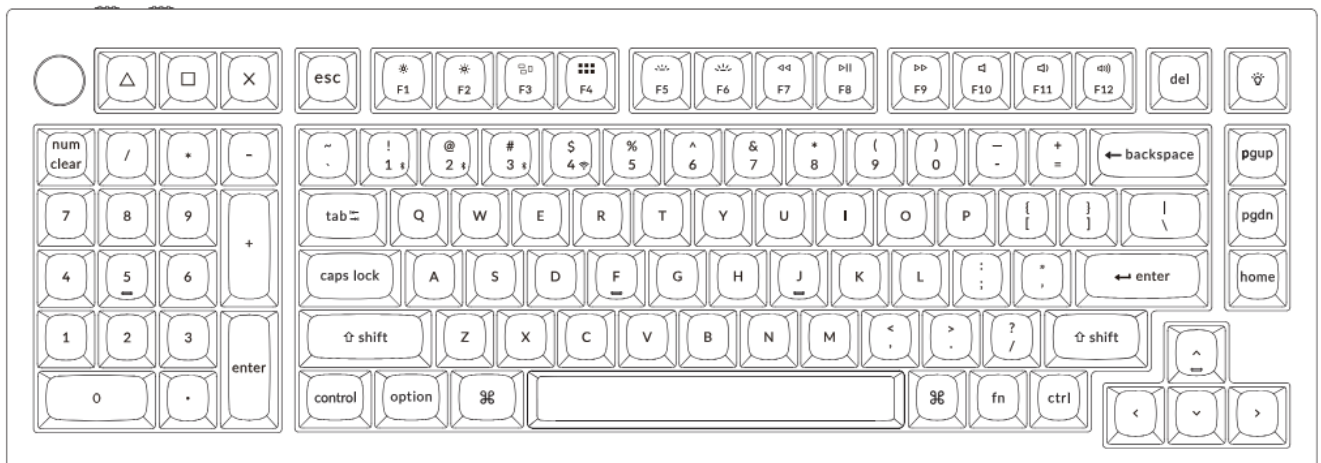


Keychron
Q12 Max Wireless Mechanical Keyboard

Fully Assembled Version

Keyboard

- 1x Fully Assembled Keyboard
- Including
- 1x Aluminum Case
- 1xPCB
- 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 (12 Installed and 2 in the Box)
- 7 sets x Stabilizers
- 1 set x Keycaps (PBT Double-shot)
- 1 set x Switches

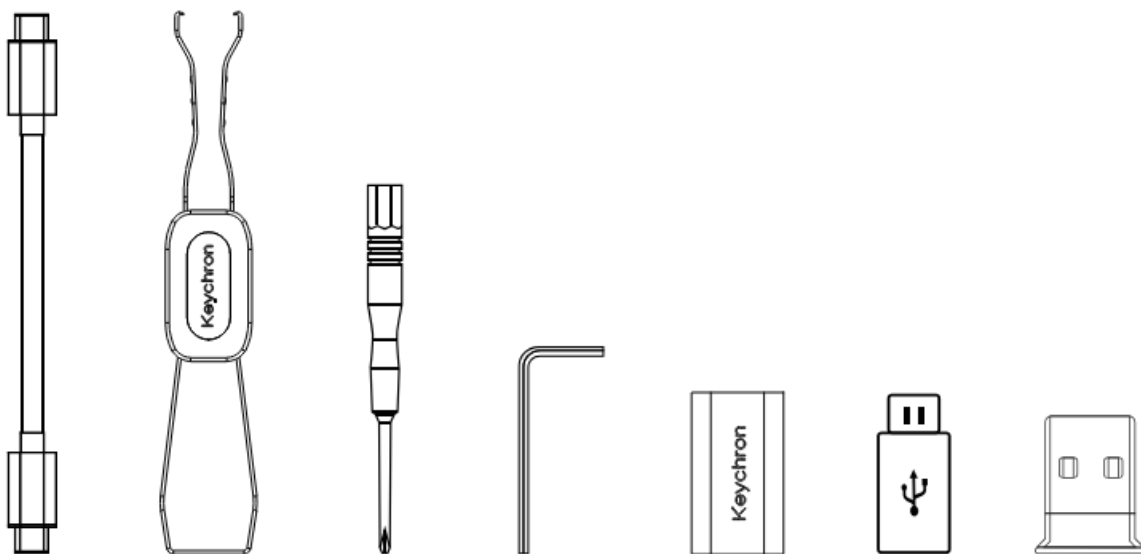


Cable

- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Extension Adapter for Receiver
- Receiver
- 1x Type-A 2.4 GHz Receiver

Tools

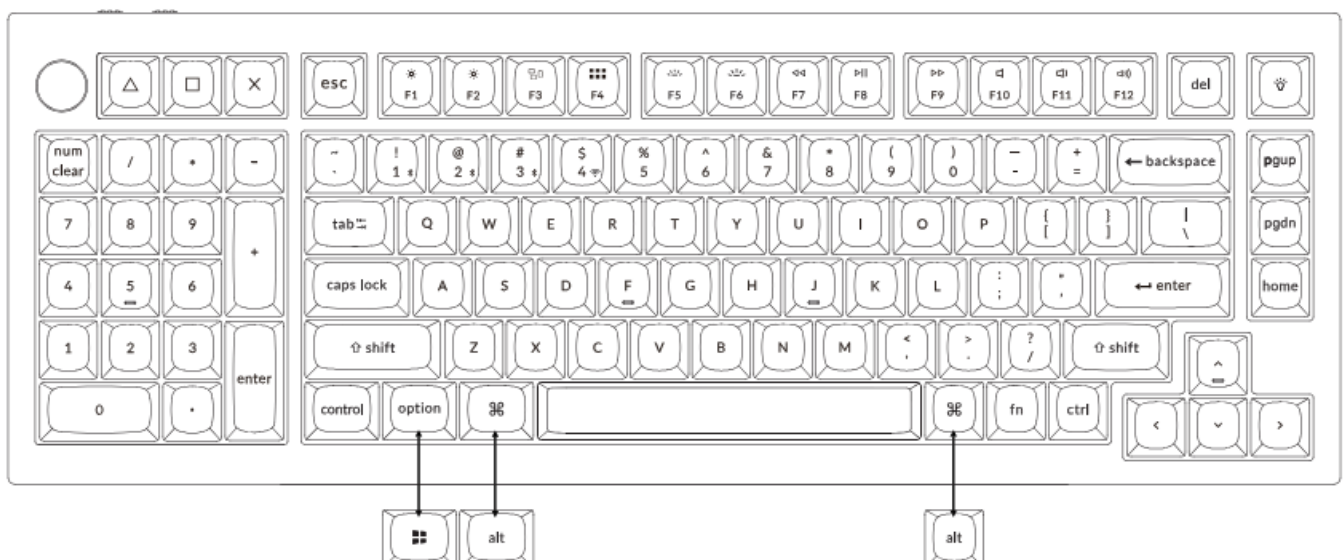
- 1x Keycap & Switch Puller
- 1x Screwdriver
- 1x Hex Key



Quick Start Guide

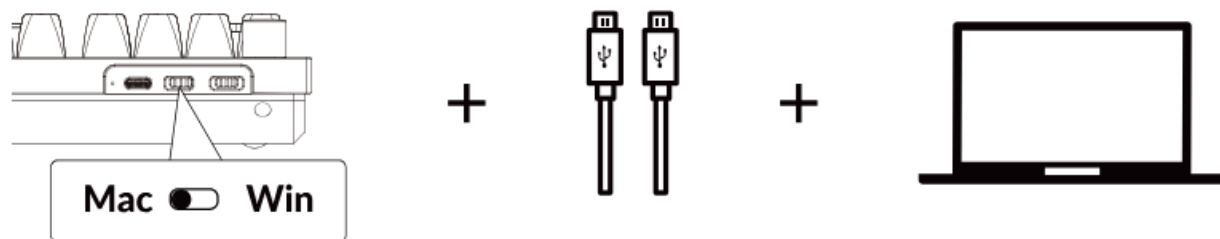
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

Mac / Windows



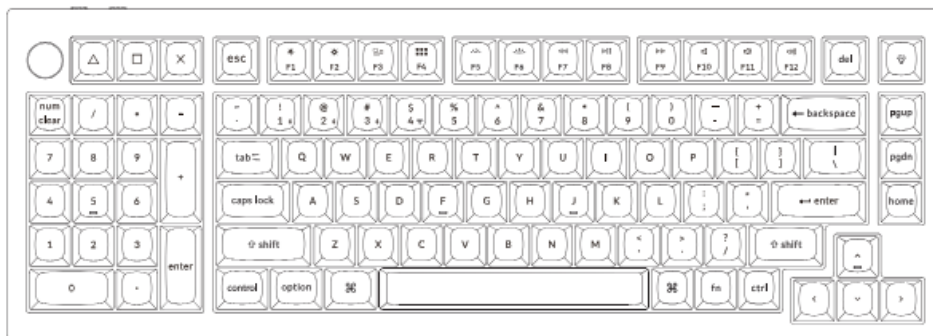
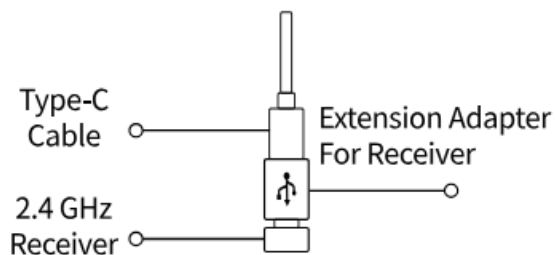
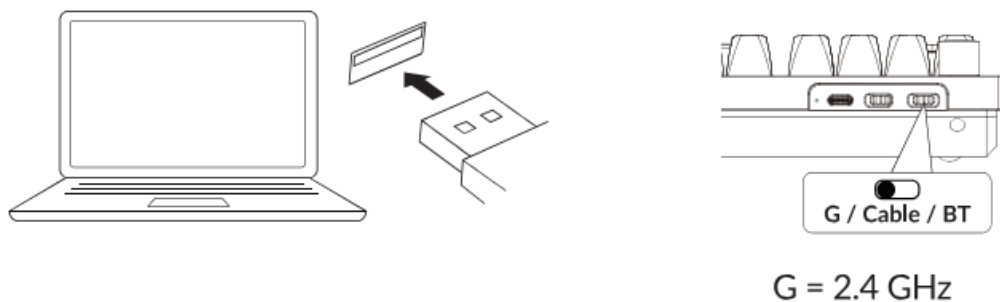
1. Switch To The Right System

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

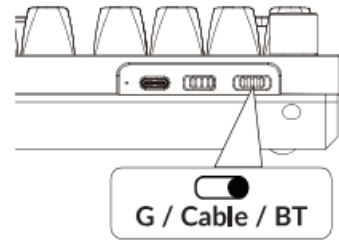
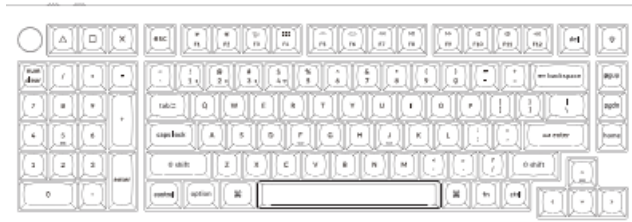


- **Note:** For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4 GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.

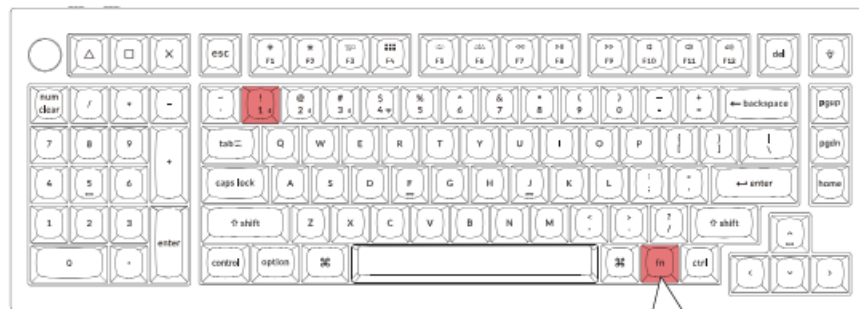
3. Connect Bluetooth



Switch toggle to Bluetooth

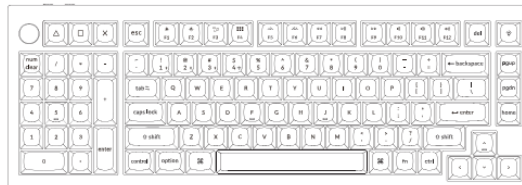
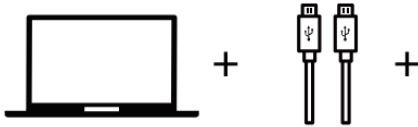


Press fn + 1 (for 4 seconds) and pair with device named Keychron Q12 Max

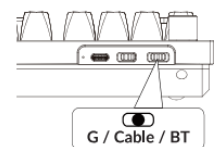


fn + 1

4. Connect Cable



Switch toggle to Cable



5. The VIA Key Remapping Software

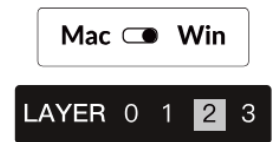
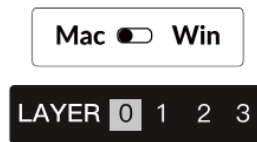
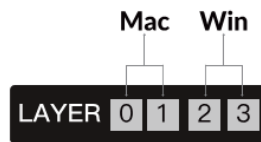
- Please visit usevia.app to use the online
- VIA software to remap the keys.
- If the VIA cannot recognize your keyboard, please reach our support to get the instruction.



- The online VIA software can only run on the latest version of Chrome, Edge, and Opera browsers yet.
- *VIA only works when the keyboard is connected by wire to the computer.

6. 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



7. The Backlight

- Press fn + Q to change the lighting effect
- Press fn + tab to turn the backlight on/off



8. Adjust The Backlight Brightness

- Press fn + W to increase the backlight brightness
- Press fn + 5 to decrease the backlight brightness



9. Adjust The Backlight Speed

- Press fn + T to increase the light effect speed
- Press fn + G to decrease the light effect speed



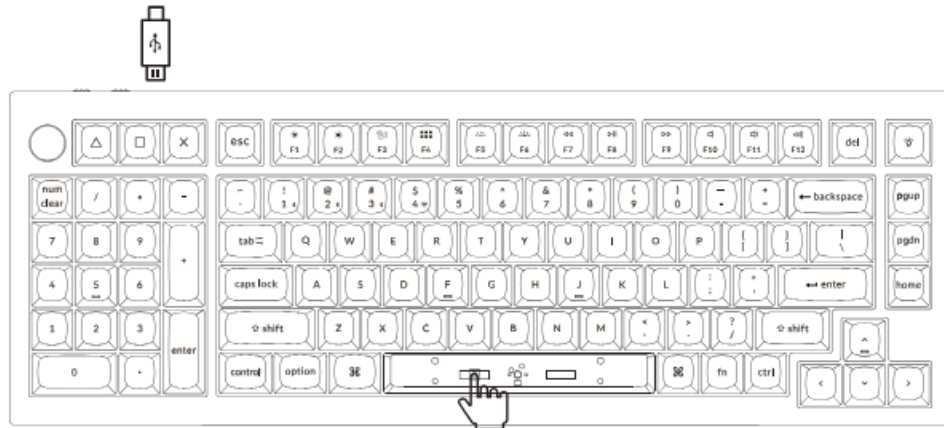
10. Factory Reset

Troubleshooting? Don't know whafs going on with the keyboard?

1. Download the right firmware and QMK Toolbox from our website.
2. Unplug the power cable and switch the keyboard to Cable mode.
3. Remove the space bar keycap to find the reset button on the PCB.
4. Hold the reset key first, then plug the power cable into the keyboard. Release the reset key after 2 seconds, and the keyboard will now enter DFU mode.

5. Flash the firmware with the QMK Toolbox.
6. Factory reset the keyboard by pressing fn + J + Z (for 4 seconds).

Step by step guide can be found on our website.



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.

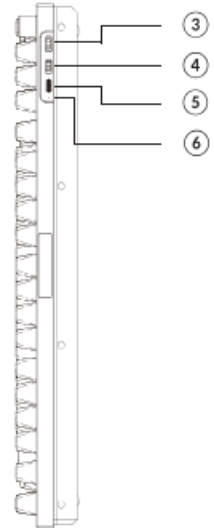
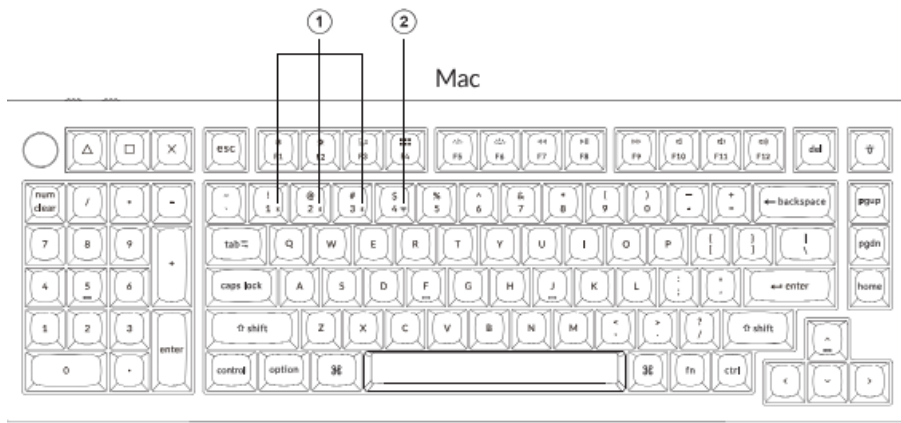


12. MAX WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS

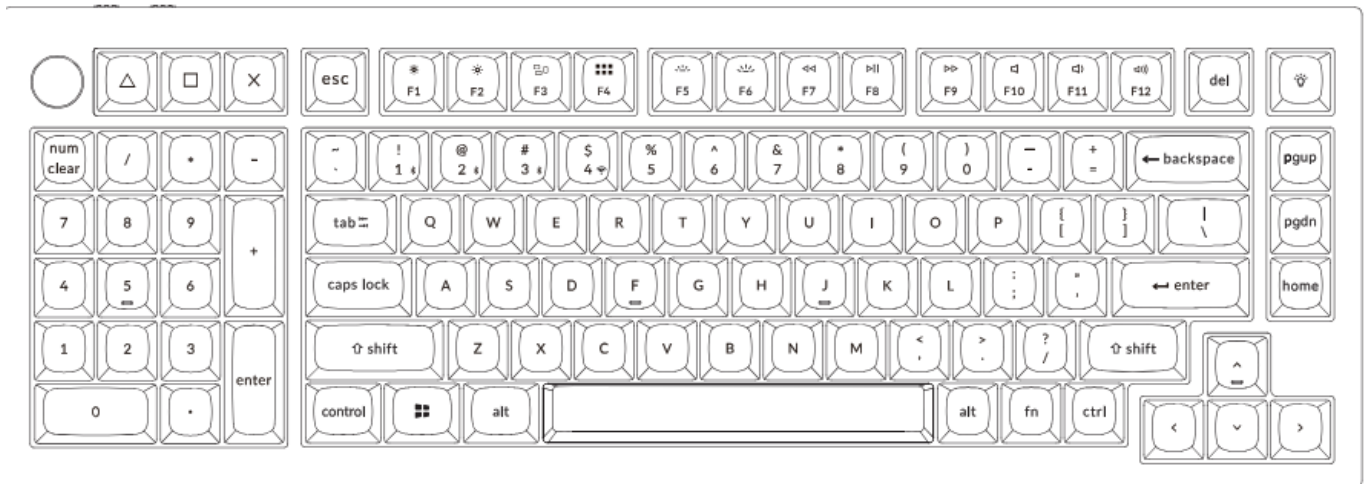
- Number of keys: 102 Switch type:
- Mechanical Battery: 4000mAh
- Wireless working time (RGB): Up to 100 hours (lowest brightness)
- Charging time: Around 5 hours
- Charging port: USB Type-C
- Mode: 2.4 GHz / Cable / Bluetooth
- Wireless operating distance: Within 10 meters (open space)
- Name of Bluetooth device: Keychron Q12
- Max Operating environment: -10 to 50°C

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

MAX WIRELESS MECHANICAL KEYBOARD OVERVIEW



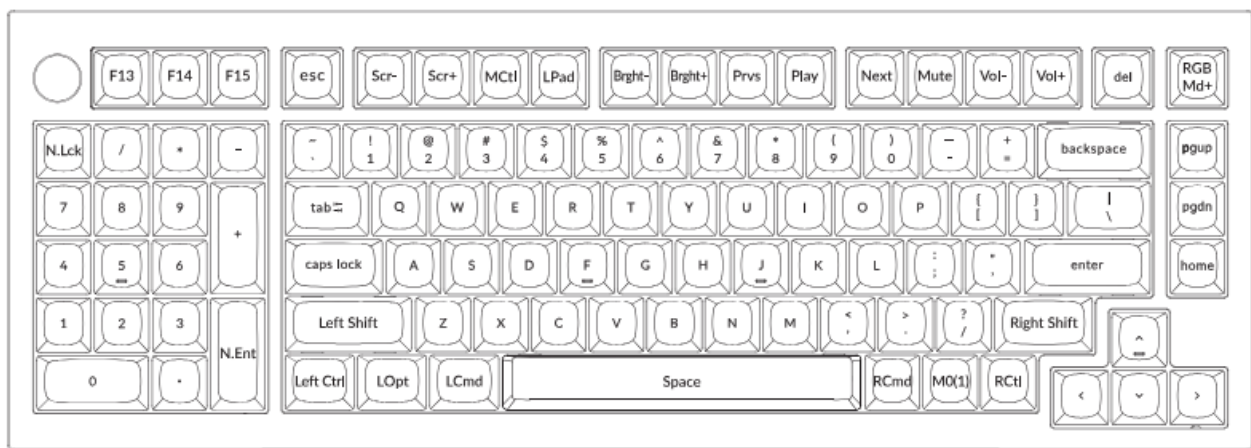
Windows



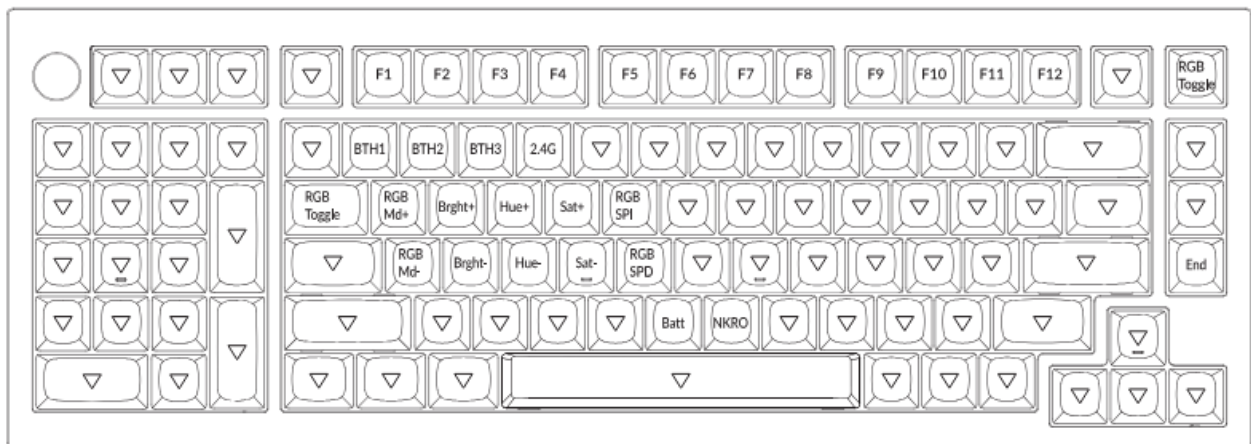
1. Bluetooth Indicator
2. 2.4 GHz Indicator
3. G Cable BT (Mode Toggle)
4. Win/Android Mac/10S (OS Toggle)
5. Type-C Port
6. Power Indicator

DEFAULT KEY LAYOUT:

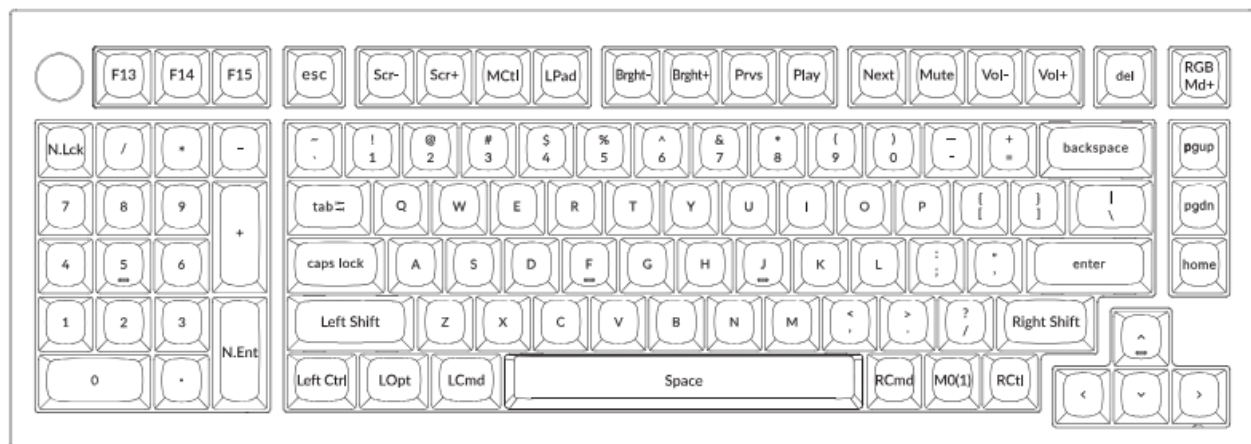
LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.



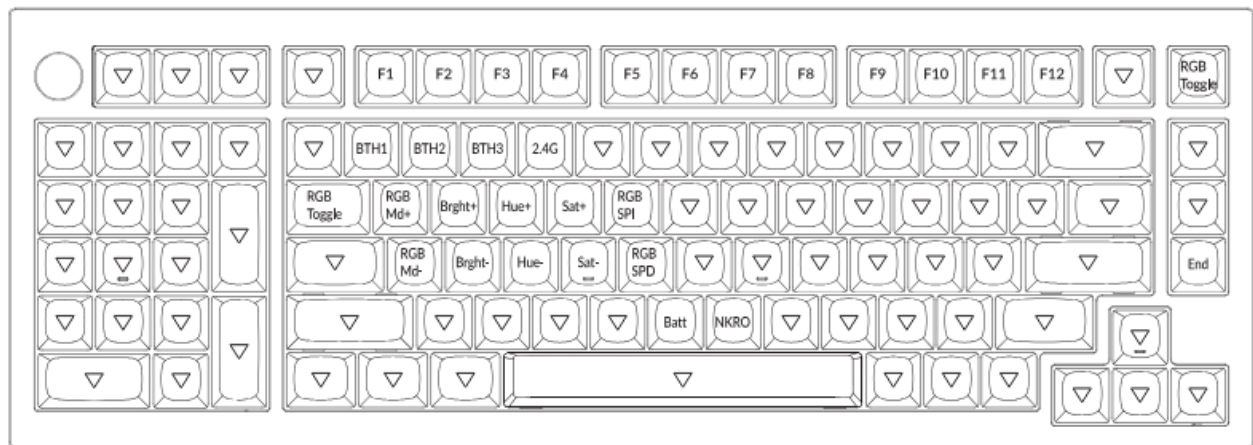
- LAYER 1: This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn/MO(1) key.



- 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	<ul style="list-style-type: none"> • Charging – Static Red • Fully charged – Static Green Low power – Slow Blinking
Bluetooth / 2.4 GHz Indicator	Bluetooth / 2.4 GHz	<ul style="list-style-type: none"> • 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. Charging Indicator: A red light will stay on while charging; Fully charged in around 5 hours, a green battery 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 Q12 Max 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.

GHZ / BLUETOOTH / WIRED MODE (MODE TOGGLE)

GHZ WIRED MODE

1. Connect the 2.4 GHz receiver to your device's USB Port.
2. Switch the toggle switch to the 2.4 GHz option. The keyboard will automatically connect to your device.
Press the key combination "fn" + "4" to enter the forced pairing mode. During this period, it is recommended that the keyboard be within 20cm of the receiver.

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+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 Q12 Max” on your device and connect it (the Bluetooth indicator goes off after successful pairing).

SWITCH BWETOOTH 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.
4. 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” I “fn” + “A” 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.

• 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

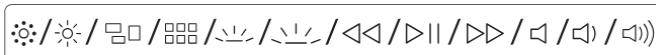
- If unable to pair keyboard to device, confirm that the device you’re trying to pair with is Bluetooth-capable. If so, restart the device and try pairing it with the keyboard again.
- Note: On a Windows computer, a new Bluetooth connection will sometimes require additional software updates-a process 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.
- **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(5°F) or above 50°C(131°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

Documents / Resources

	Keychron Q12 Max Wireless Mechanical Keyboard [pdf] Instruction Manual Q12 Max Wireless Mechanical Keyboard, Max Wireless Mechanical Keyboard, Wireless Mechanical Keyboard, Mechanical Keyboard, Keyboard
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References

- [User Manual](#)

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