Manuals+ — User Manuals Simplified.

Keychron K7 Max Wireless Custom Mechanical Keyboard

Keychron K7 Max Wireless Custom Mechanical Keyboard User Manual

Contents

**Keychron K7 Max Wireless Custom Mechanical Keyboard**

IN THE BOX

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- Type-C Cable x 1
- Manual x 1
- Quick Start Guide x 1
- Extra Keycaps Set x 1
- Type-A to Type-C Adapter x 1
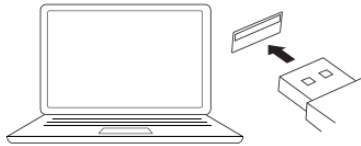- Type-A 2.4GHz Receiver × 1

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.
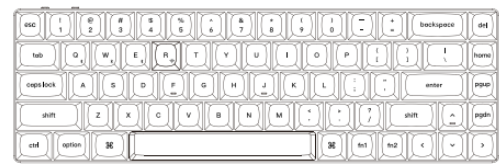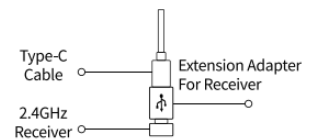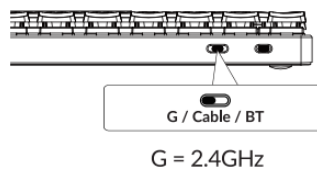

Mac / Windows
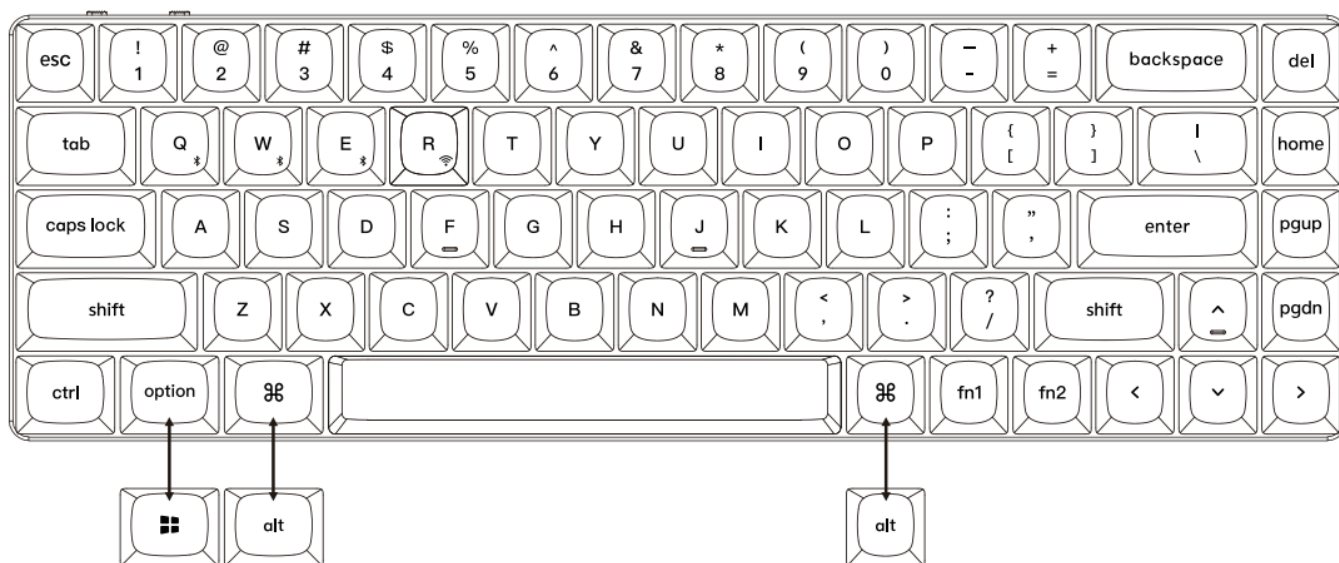
1 Connect 2.4GHz Receiver

Type-C Cable

Extension Adapter For Receiver

2.4GHz Receiver

Connect the 2.4GHz receiver to the device USB port.

Switch toggle to 2.4GHz mode

G / Cable / BT

G = 2.4GHz

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

G / Cable / BT
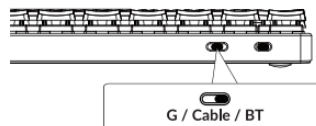
Press fn1 + Q (for 4 seconds) and pair with device named Keychron K7 Max.

fn1 + Q

3 Connect Cable

Switch toggle to Cable

G / Cable / BT
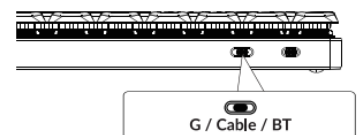
4 Switch To The Right System

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

Mac ⬤ Win

5 The VIA Key Remapping Software

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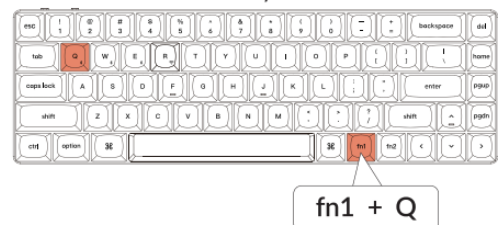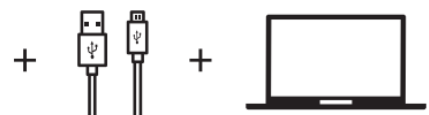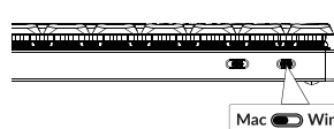VIA software to remap the keys.
If the VIA cannot recognize your keyboard,
please reach our support to get the instruction.

*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.

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6 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.
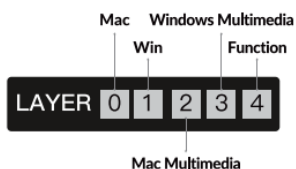
7 The Backlight

Press fn1 + A to change the lighting effect

fn1 + A

Press fn1 + caps lock to turn the backlight on/off

fn1 + caps lock

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8 Adjust The Backlight Brightness

Press fn1 + S to increase the backlight brightness

fn1 + S

Press fn1 + X to decrease the backlight brightness

fn1 + X

9 Adjust The Backlight Speed

Press fn1 + G to increase the light effect speed

fn1 + G

Press fn1 + B to decrease the light effect speed

fn1 + B
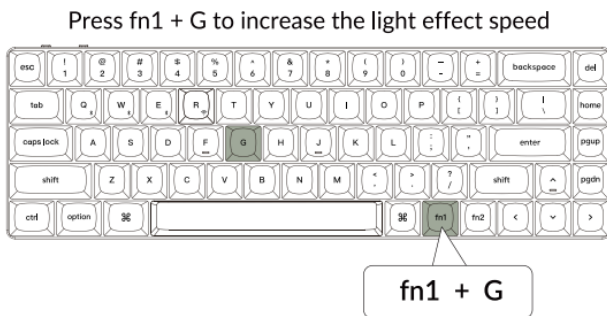
10 Warranty

The keyboard is highly customizable and easy to be rebuilt.
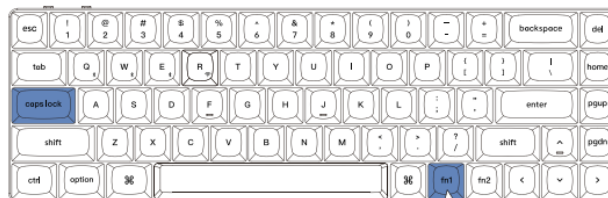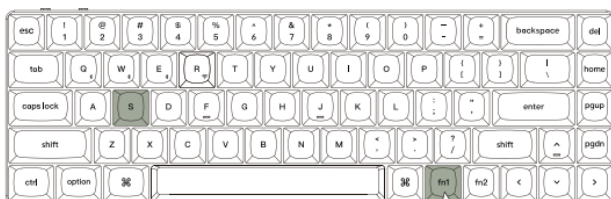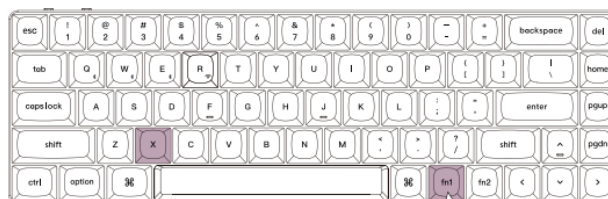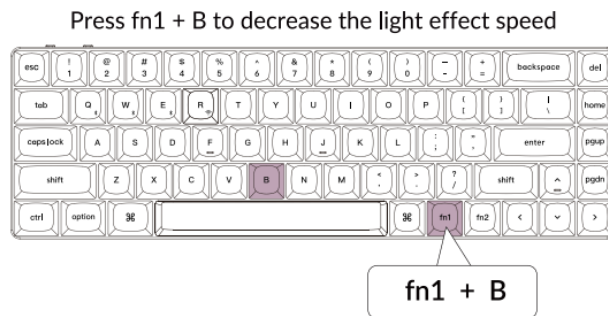If anything goes wrong with any of the keyboard components
of keyboard during the warranty period, we will only replace
the defective parts of the keyboard, not the whole keyboard.

11 Factory Reset
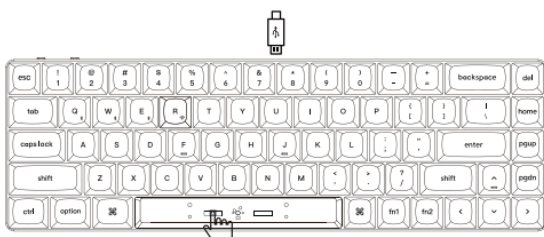
Troubleshooting? Don't know what's going on with the keyboard?

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 fn2 + J + Z (for 4 seconds).

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

KEYBOARD SPECIFICATIONS

- **Number of keys:** 68
- **Switch type:** Mechanical
- **Battery:** 1550mAh
- **Charging time:** Around 3 hours
- **Charging port:** USB Type-C
- **Mode:** Bluetooth / Wired / 2.4GHz
- **Bluetooth operating distance:** Within 10 meters (open space)
- **Name of Bluetooth device:** Keychron K7 Max

OVERVIEW

LED STATUS OVERVIEW

Function	LED Location	Status
Charging	Power Indicator	Low Power - Red Light Blinking Charging - Static Red Full 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

KEYBOARD OVERVIEW
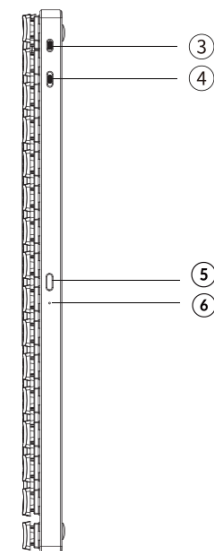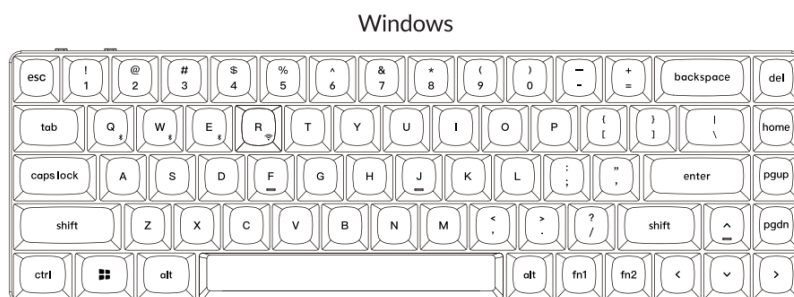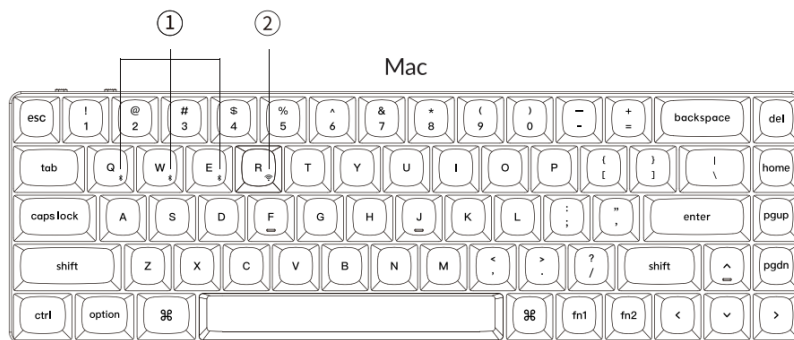
① Bluetooth Indicator
② 2.4G Indicator
③ Win/Android Mac/iOS (OS Toggle)
④ 2.4G / Cable / BT(Connection Mode Toggle)
⑤ Charging Port
⑥ Power Indicator

DEFAULT KEY LAYOUT

- **LAYER 0:** This layer will be activated when your keyboard's system toggle is switched to Mac.
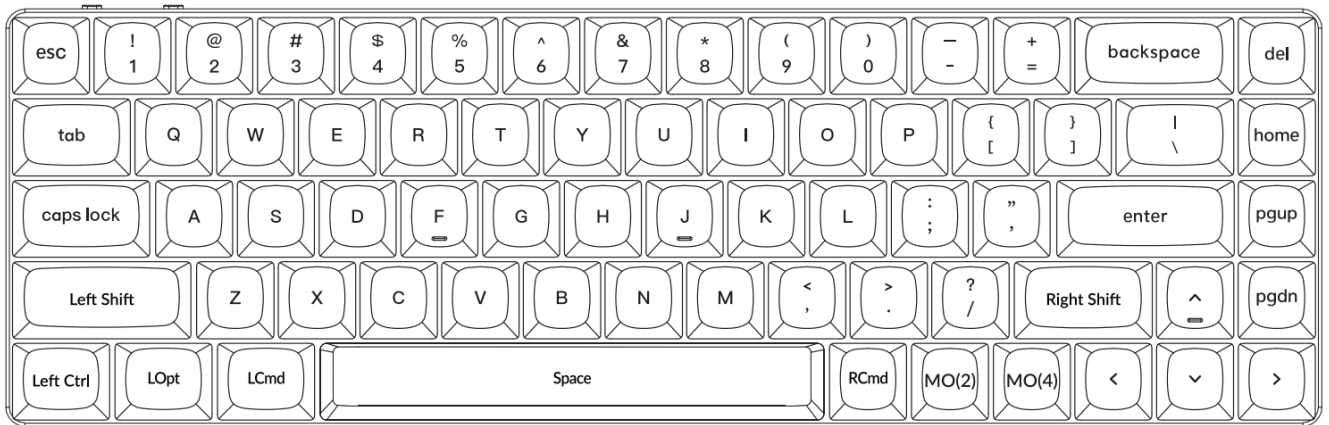
- **LAYER 1:** This layer will be activated when your keyboard's system toggle is switched to Windows.
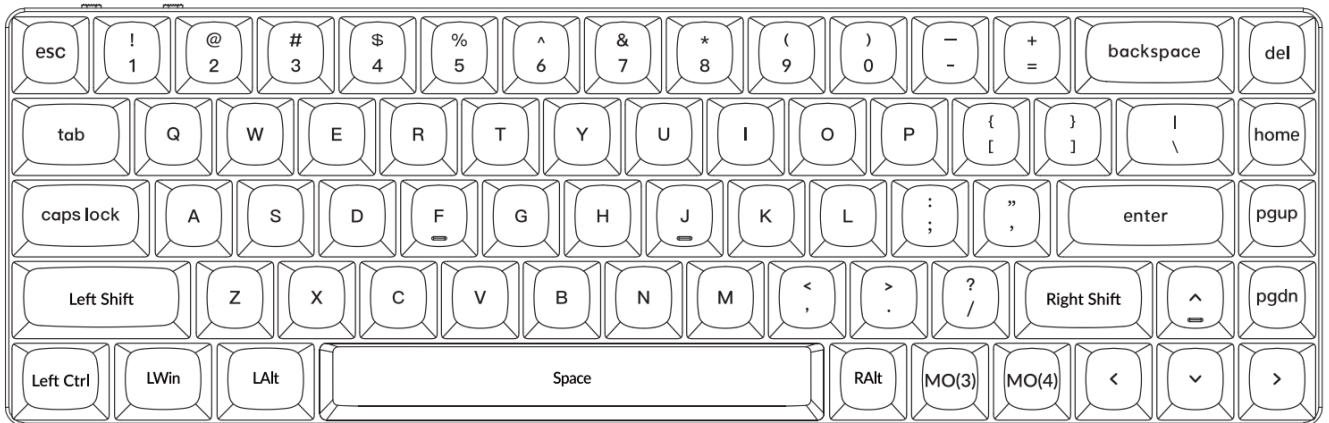
LWin = Left Windows   LAlt = Left Alt   RAlt = Right Alt

- **LAYER 2:** This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn1/MO(2) key.

- **LAYER 3:** This layer will be activated when your keyboard's system toggle is switched to Windows and press the fn1/MO(3) key.

- **LAYER 4:** This layer will be activated when you press the fn2/MO(4) 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(2)	Layer 2 will be activated when holding this key
MO(3)	Layer 3 will be activated when holding this key
MO(4)	Layer 4 will be activated when holding this key
BTH1	Bluetooth Host 1
BTH2	Bluetooth Host 2
BTH3	Bluetooth Host 3

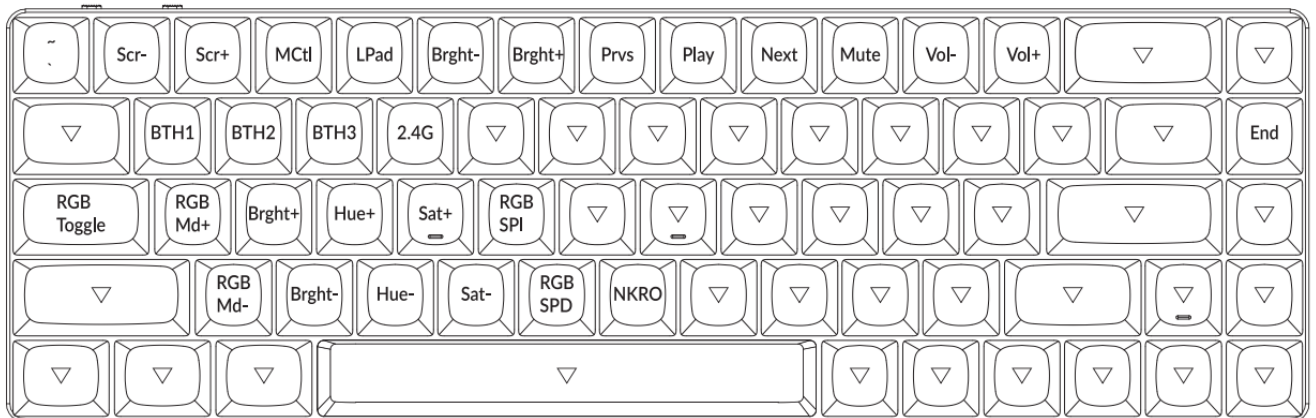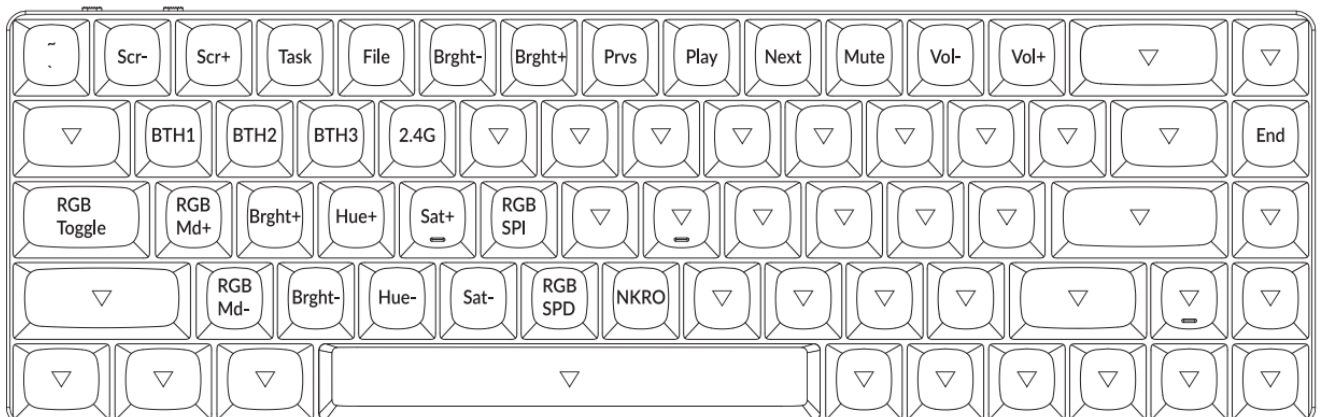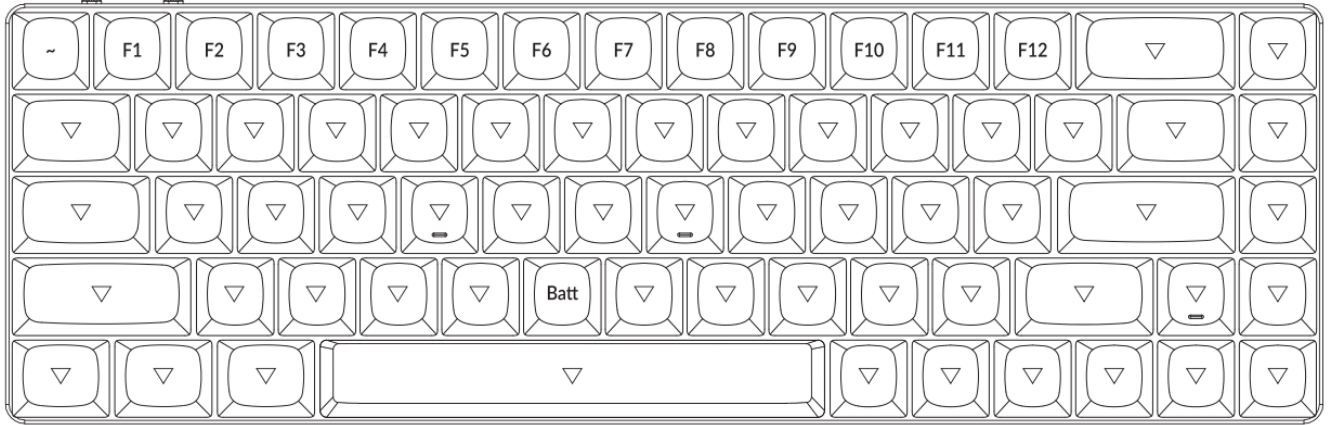| Key Description	
Sat+	Saturation Increase
Sat-	Saturation Decrease
2.4G	2.4 GHz Host
Batt	Battery life
NKRO	N-key rollover

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 3 hours, a green battery indicator will appear.

- The K7 Max keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The K7 Max 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.

2.4GHZ / CABLE / BLUETOOTH MODE (MODE TOGGLE SWITCH)

- **2.4GHZ MODE**
    1. Connect the 2.4GHz receiver to your device's USB Port.
    2. Switch the toggle switch to the 2.4GHz option. The keyboard will automatically connect to your device.

       *Press the key combination "fn1" + "R" to enter the forced pairing mode. During this period, it is recommended that the keyboard be within 20cm of the receiver.
- **BLUETOOTH MODE**
    1. Switch the toggle switch to the Bluetooth option.
    2. Backlighting will be turned on.
    3. Hold "fn1+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 K7 Max" 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" + "Q" / "fn1" + "W" / "fn1" + "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 "fn1" + "Q" / "fn1" + "W" / "fn1" + "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 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 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.
- **TURN OFF THE KEYBOARD**

  Switch the keyboard to the Cable option and unplug the power cable.
- **BACKLIGHT SETTING**
    - Short press key combination "fn1" + "caps lock" / "fn1" + "Knob (press)" to turn the backlight on/off.
    - Short press key combination "fn1" + "A" / "fn1" + "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, ⊞ 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 the 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.

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: 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 and battery.

Keychron, Inc.
Dover, DE 19901, United States
Find us at:
https://www.keychron.com
Support@keychron.com
Designed by Keychron
Made in China

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, under Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.

Documents / Resources

Keychron K7 Max Wireless Custom Mechanical Keyboard [pdf] User Manual
K7 Max Wireless Custom Mechanical Keyboard, K7 Max, Wireless Custom Mechanical
Keyboard, Custom Mechanical Keyboard, Mechanical Keyboard, Keyboard

References

- **User Manual**