



Keychron K17 Pro Low Profile QMK VIA Custom Wireless Mechanical Keyboard User Manual

[Home](#) » [Keychron](#) » Keychron K17 Pro Low Profile QMK VIA Custom Wireless Mechanical Keyboard User Manual 

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Contents

- 1 IN THE BOX
- 2 QUICK START GUIDE
- 3 Switch To The Right System
- 4 Connect Bluetooth
- 5 Connect Cable
- 6 The VIA Key Remapping Software
- 7 The Layers
- 8 The Backlight
- 9 Adjust The Backlight Brightness
- 10 Adjust The Backlight Speed
- 11 Watch The Building Tutorial On Our Website
- 12 Factory Reset
- 13 K17 PRO BLUETOOTH MECHANICAL KEYBOARD SPECIFICATIONS
- 14 K17 PRO BLUETOOTH MECHANICAL KEYBOARD OVERVIEW
- 15 DEFAULT KEY LAYOUT
- 16 KEY DESCRIPTION
- 17 LED STATUS OVERVIEW
- 18 FUNCTION DESCRIPTION: CHARGING
- 19 TROUBLESHOOTING
- 20 Safety Precaution
- 21 Documents / Resources
 - 21.1 References
- 22 Related Posts

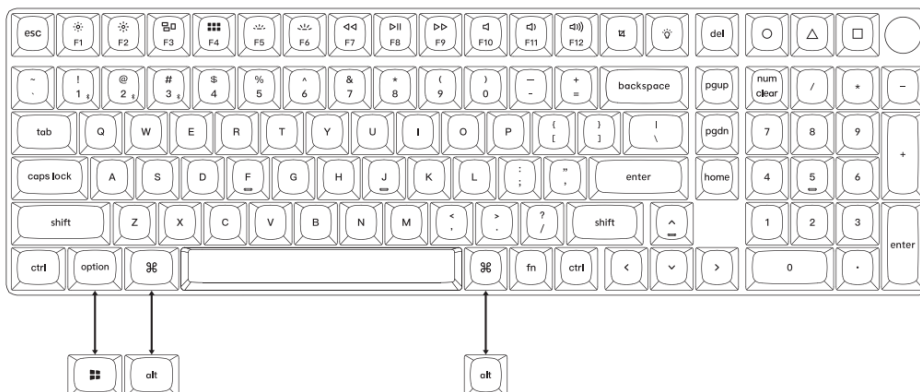
IN THE BOX

- Keychron K17 Pro Bluetooth Mechanical Keyboard x 1
- Type-C Cable x 1
- Manual x 1
- Quick Start Guide x 1
- Extra Keycaps Set x 1

QUICK START GUIDE

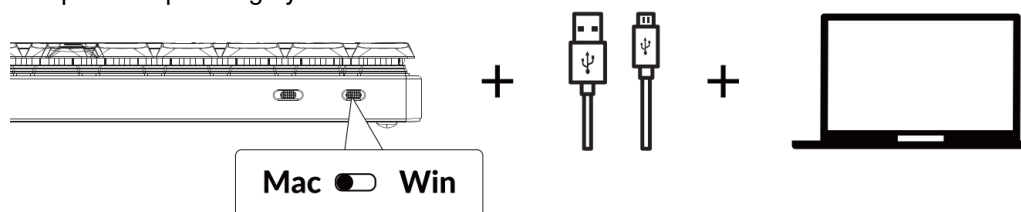
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following key caps.

Mac / Windows



Switch To The Right System

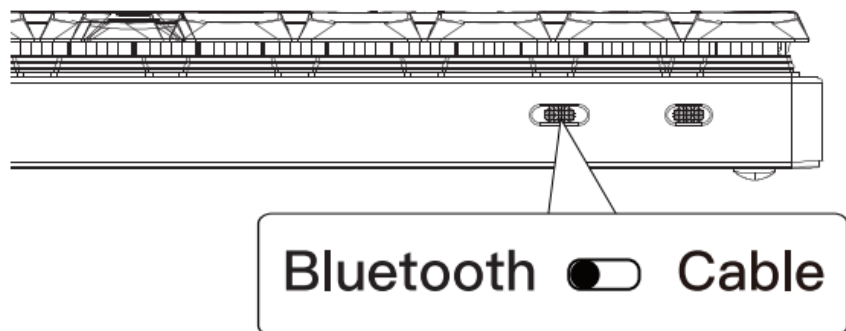
Please make sure the system toggle on the top left corner has been switched to the same system as your computer's operating system.



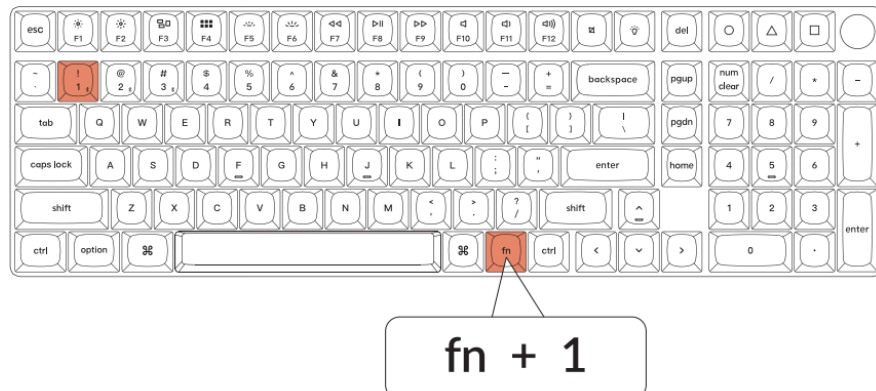
Connect Bluetooth



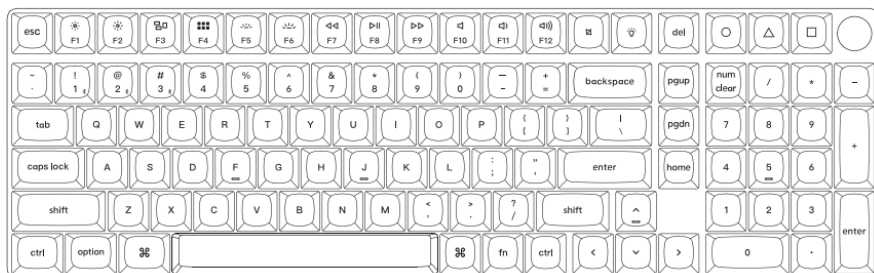
Switch toggle to Bluetooth



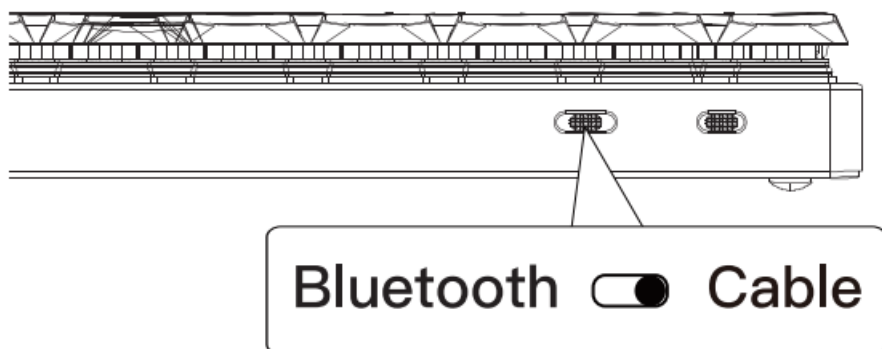
Press fn+1 (for 4 seconds) and pair with device named Keychron K17 Pro



Connect Cable



Switch toggle to Cable



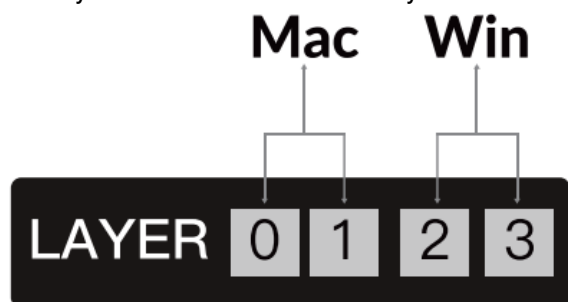
The VIA Key Remapping Software

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.

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.

Mac ☐ Win

LAYER 0 1 2 3

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.

Mac ☒ Win

LAYER 0 1 2 3

The Backlight

- Press fn + Q to change the lighting effect



fn + Q

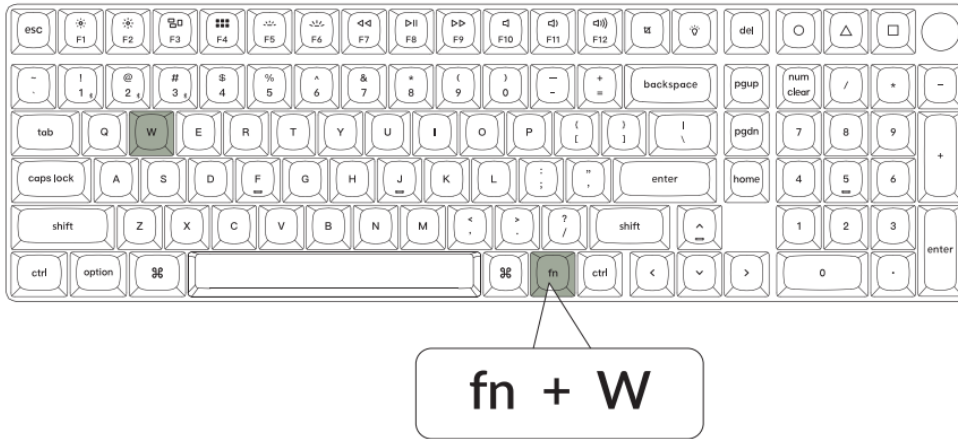
- Press fn + tab to turn the backlight on/off



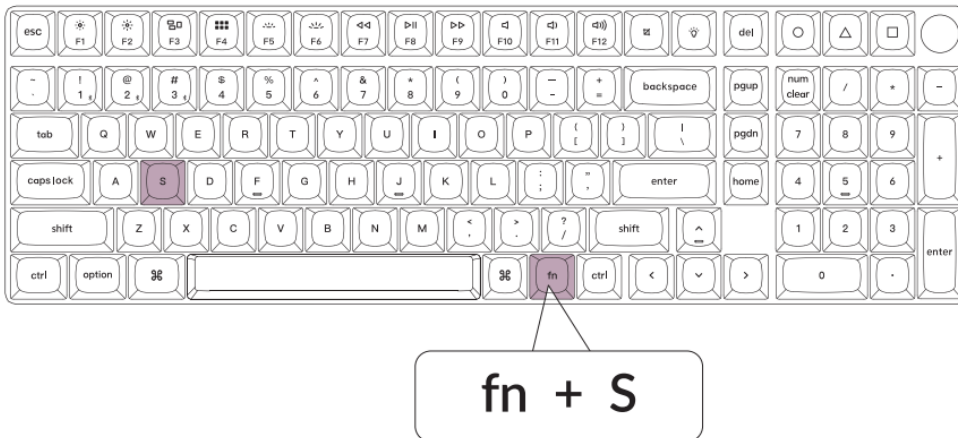
fn + tab

Adjust The Backlight Brightness

- Press fn + W to increase the backlight brightness

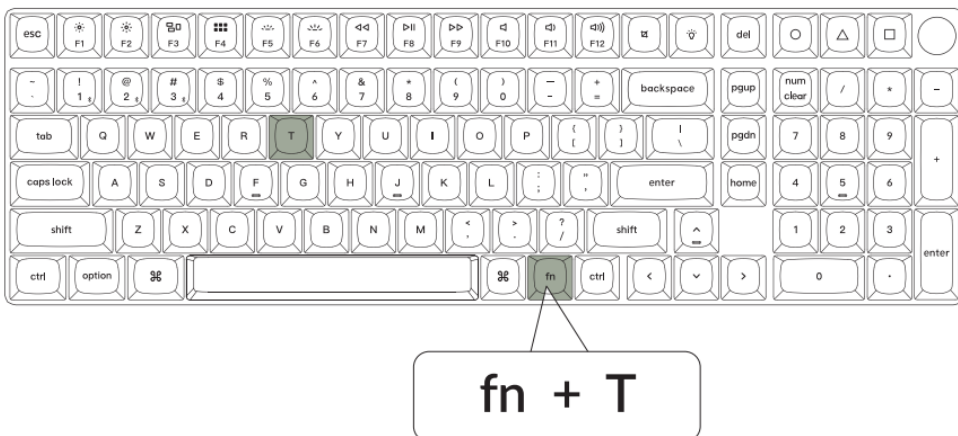


- Press fn + S to decrease the backlight brightness

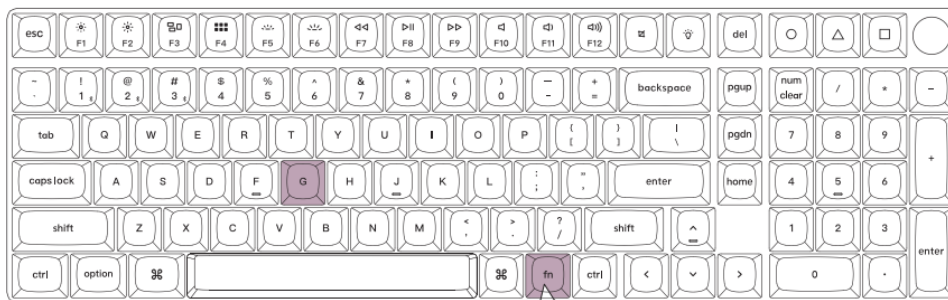


Adjust The Backlight Speed

- Press fn+ T to increase the light effect speed



- Press fn + G to decrease the light effect speed

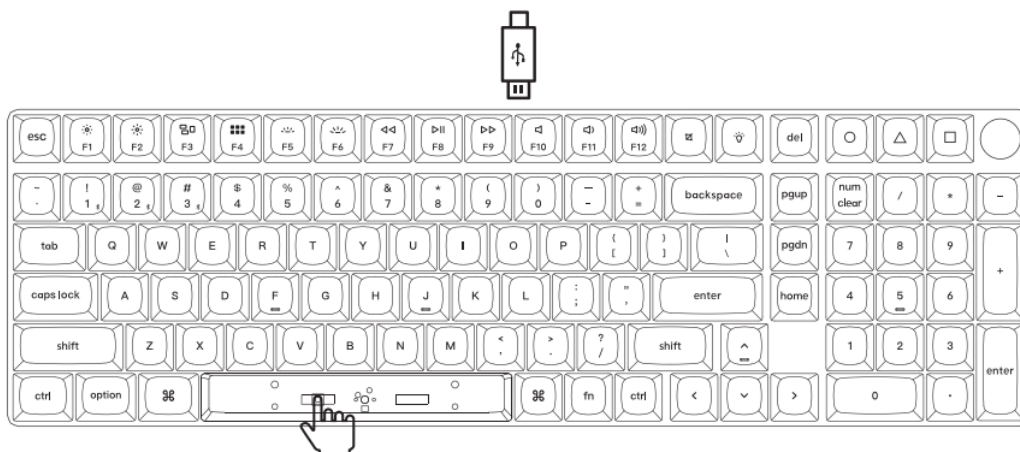


fn + G

Watch The Bulding 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.

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 fn+J+Z (for 4 seconds).
2. Download the right firmware and QMK Toolbox from our website.
3. Switch the keyboard to OFF mode and remove the space bar keycap to find the reset button on the PCB.
4. Hold the reset key first, then switch the keyboard to Cable mode.
5. 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 fn+J+Z (for 4 seconds).

Step by step guide can be found on our website.

K17 PRO BLUETOOTH MECHANICAL KEYBOARD SPECIFICATIONS

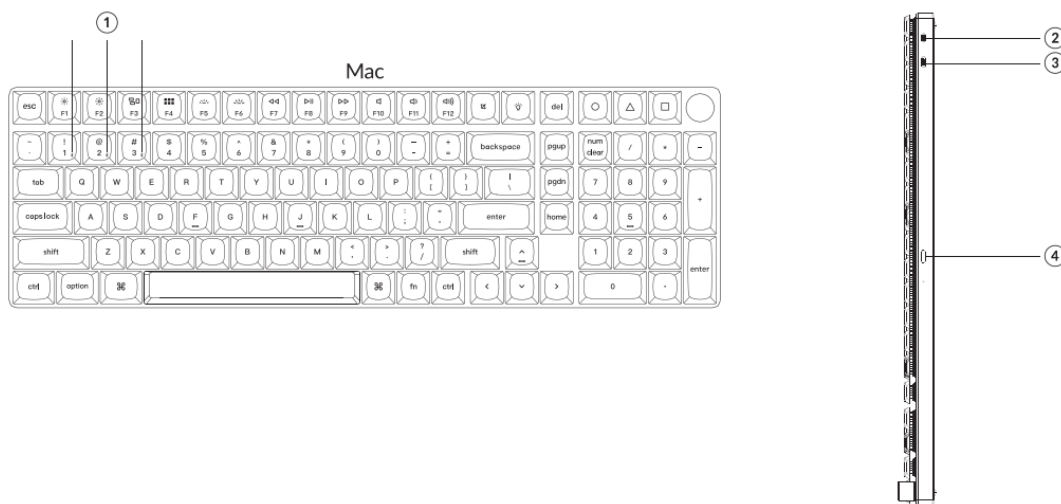
- **Number of keys:** 103

- **Switch type:** Mechanical
- **Battery:** 2000mAh.
- **Charging time:** Around 3 hours
- **Charging port:** USB Type-C
- **Mode:** Bluetooth / Wired
- **Bluetooth operating distance:** Within 10 meters (open space)
- **Name of Bluetooth device:** Keychron K17 Pro

Operating environment: -10 to 50°C

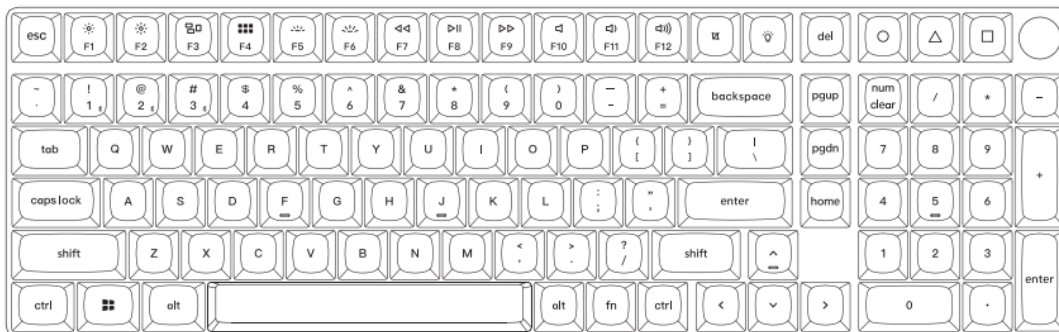
Technical specifications can be subjected to change without notice, we apologize for any inconvenience caused.

K17 PRO BLUETOOTH MECHANICAL KEYBOARD OVERVIEW



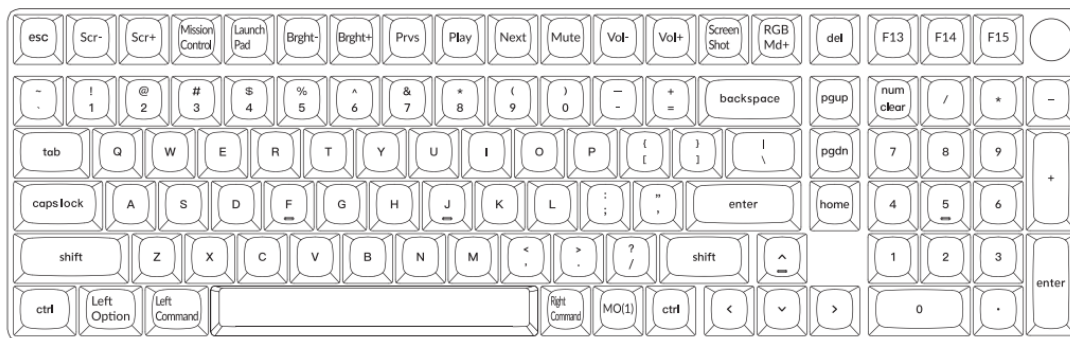
1. Bluetooth Indicator
2. Win/Android Mac/iOS (OS Toggle Switch))
3. BT OFF Cable (Mode Toggle Switch]
4. Charging Port

Windows

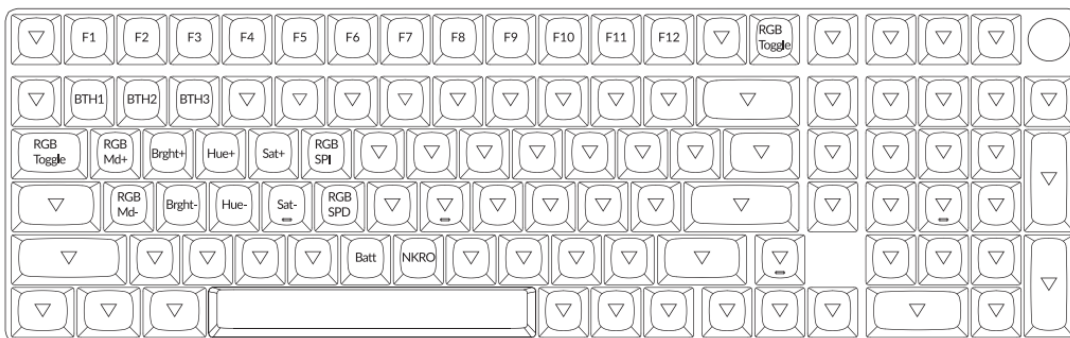


DEFAULT KEY LAYOUT

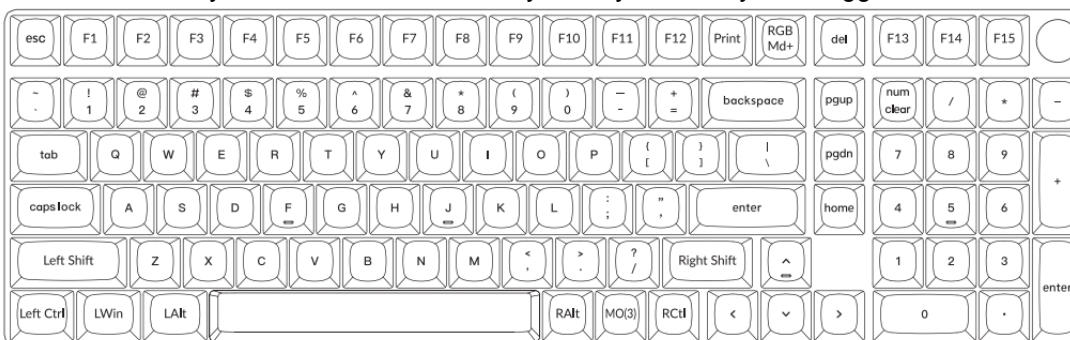
LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.



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

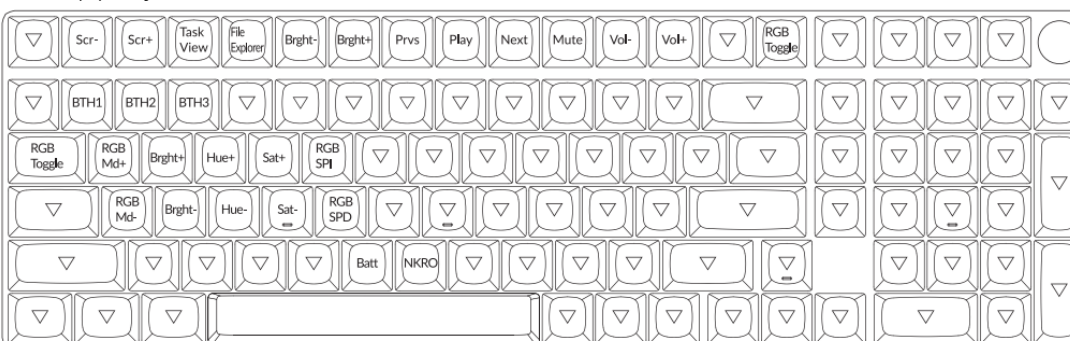


LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.



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 | |
|-----------------|--|
| Ser | Screen Brghtness Decrease: |
| Serv | Screen Brightness Increase: |
| Bright- | Backlight Decrease |
| Brights+ | 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 |
| RGEMd | RGB Mode Previous |
| Hues | Hue Increase. |
| Hue | Hue Decrease |
| RGBSPI | RGB Speed Increase |
| RGBSPD | RGB Speed Decrease |
| Mol | Layer 1 willbe actvated. when holding this ke |
| Mot2) | Layer 2 willbe actvated when holding this key |
| Mot3) | Layer 3 il be actvated. when holding this key |
| Mot | Layer 4 willbe actvated wihen holding this key |
| BTH1 | Bluetooth Host 1 |
| BTH2 | Bluetooth Host 2 |
| BTHS | Bluetooth Host 3 |

LED STATUS OVERVIEW

| LED Location | Function | Status |
|---------------------|-----------|---|
| Battery indicator | Charging | Low battery – Blinking Red 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: When battery is below 15%, a red battery blinking indicator will be triggered. A red light will stay on while charging; Fully charged in around 3 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 K17 Pro can be charged in Bluetooth/OFF/Cable 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. Back lighting 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 “f+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 K17 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’ + “1° / “fn” 4 “2 / ” + “3 *The Bluetooth indicator wil 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 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.

BACK LIGHT SETTING

- Short press [+ | to switch between different types of lighting effects.

OS TOGGLE SWITCH

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.

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: &/ /20 /o /9B b4 fea /)
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.

Keychron, Inc.

Dover, DE 19901, United States Find us at: <https://www.keychron.com> Support@keychron.com



keychron



keychron W




keychronMK





Designed by Keychron



Documents / Resources

| | |
|---|---|
|  | Keychron K17 Pro Low Profile QMK VIA Custom Wireless Mechanical Keyboard [pdf] User Manual K17 Pro Low Profile QMK VIA Custom Wireless Mechanical Keyboard, K17 Pro, Low Profile QMK VIA Custom Wireless Mechanical Keyboard, Custom Wireless Mechanical Keyboard, Wireless Mechanical Keyboard, Mechanical Keyboard |
|---|---|

References

-  [VIA](#)
-  [VIA](#)
-  [How to use VIA to program your keyboard – Keychron | Wireless Mechanical Keyboards for Mac, Windows and Android](#)
-  [K17 Pro Factory Reset and Firmware Flash – Keychron | Wireless Mechanical Keyboards for Mac, Windows and Android](#)
- [User Manual](#)