



Keychron Q1 HE Wireless Magnetic Switch Keyboard Instruction Manual

[Home](#) » [Keychron](#) » Keychron Q1 HE Wireless Magnetic Switch Keyboard Instruction Manual 



Wireless Magnetic Switch
Keyboard



User Manual

Contents

- 1 Q1 HE Wireless Magnetic Switch Keyboard
- 2 Barebone Keyboard Package
- 3 Quick Start Guide
- 4 Specifications
- 5 Diagram
- 6 Default Key Layout
- 7 Key Descriptions
- 8 LED Status Overview
- 9 Charging Function Description
- 10 Troubleshooting
- 11 Safety Precautions
- 12 Warranty Conditions
- 13 Documents / Resources
 - 13.1 References

Q1 HE Wireless Magnetic Switch Keyboard

Dear customer,

Thank you for purchasing our product. Please read the following instructions carefully before first use and keep this user manual for future reference. Pay particular attention to the safety instructions. If you have any questions or comments about the device, please visit our customer support page: www.alza.cz/EN/kontakt.
Importer Alza.cz a.s., Jankovcova 1522/53, Holešovice, 170 00 Praha 7, www.alza.cz

Fully Assembled Keyboard Package

This package includes a fully assembled keyboard, complete with all essential components and additional tools for maintenance or customization.

Keyboard Contents

- Fully Assembled Keyboard: Ready to use out of the box.
 - o Aluminum Case
 - o PCB (Printed Circuit Board)
 - o Aluminum Plate
 - o Sound Absorbing Foam
 - o Latex Bottom Pad
 - o Bottom Case Acoustic Foam
 - o Bottom Case PET Film
 - o Gaskets (14): A total of 14 gaskets (10 pre-installed on the keyboard, with 4 additional ones in the box) for smooth key pressing.
 - o Stabilizers (4)
 - o Keycaps
 - o Magnetic Switches

Cables and Adapters

- Type-C Cable
- Type-A to Type-C Adapter

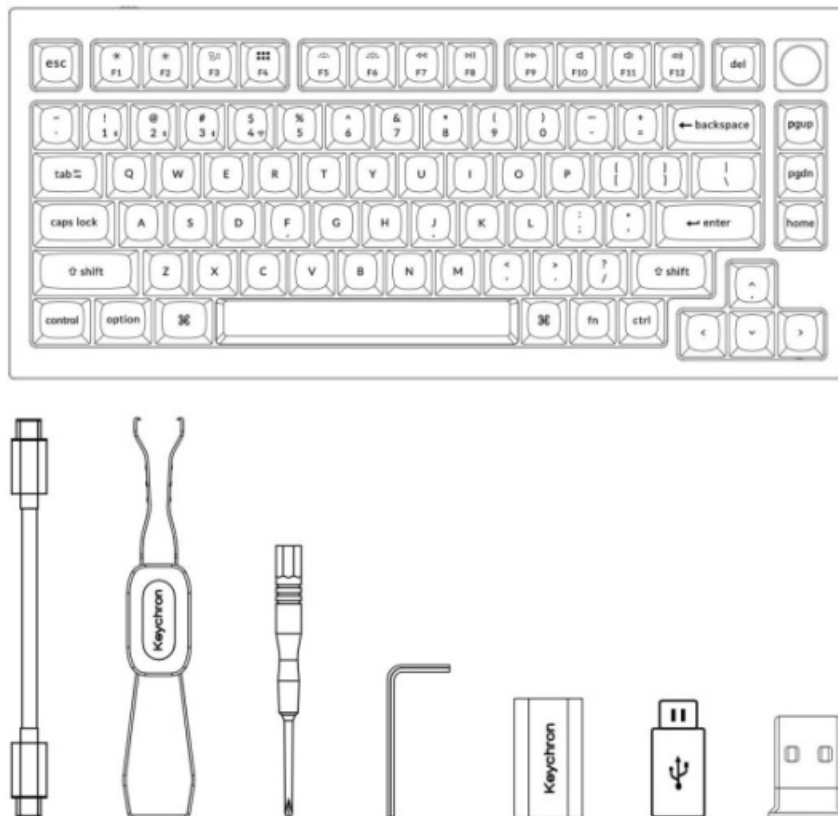
- Extension Adapter for Receiver

Receiver

- Type-A 2.4 GHz Receiver

Tools Included

- Keycap and Switch Puller
- Screwdriver
- Hex Key



Barebone Keyboard Package

This version is ideal for users who prefer to customize their keyboard with their own keycaps and switches, offering a robust foundation for a personalized setup.

Keyboard Kit

- Keyboard Kit: A partially assembled keyboard that excludes keycaps and switches, allowing for full customization.
 - o Aluminum Case
 - o PCB (Printed Circuit Board)
 - o Aluminum Plate
 - o Sound Absorbing Foam
 - o Latex Bottom Pad

- o Bottom Case Acoustic Foam
- o Bottom Case PET Film
- o Gaskets (14): Includes 14 gaskets (10 pre-installed and 4 spares in the box) for smooth key pressing.
- o Stabilizers (4)

Cables and Adapters

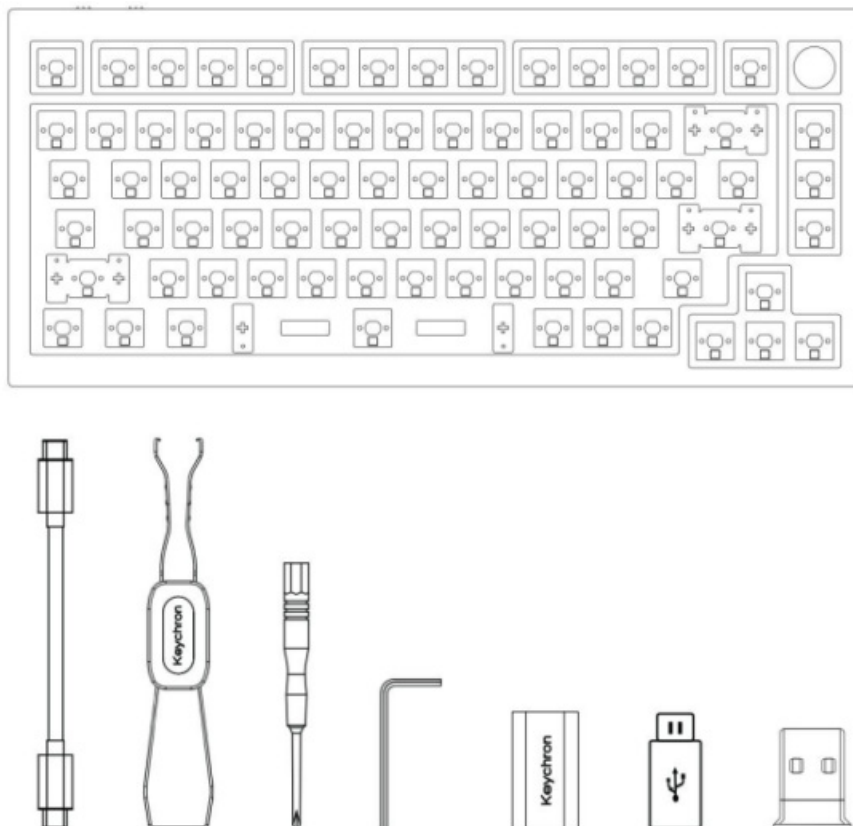
- Type-C Cable
- Type-A to Type-C Adapter
- Extension Adapter for Receiver

Receiver

- Type-A 2.4 GHz Receiver

Tools Included

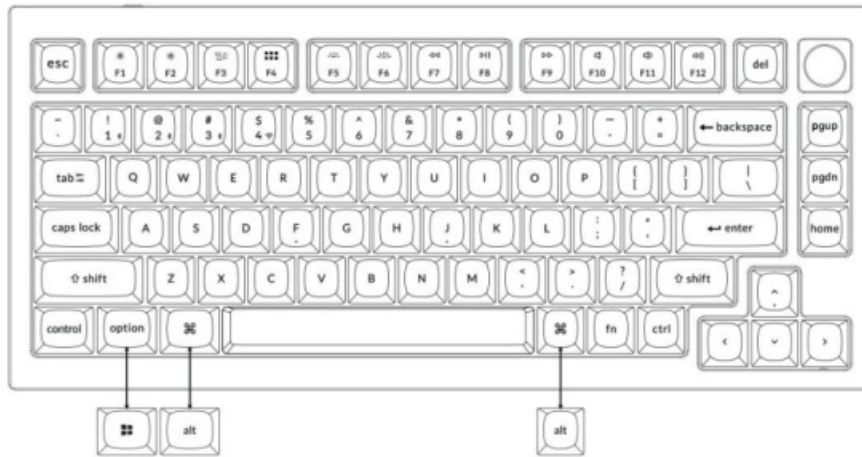
- Keycap and Switch Puller
- Screwdriver
- Hex Key



Quick Start Guide

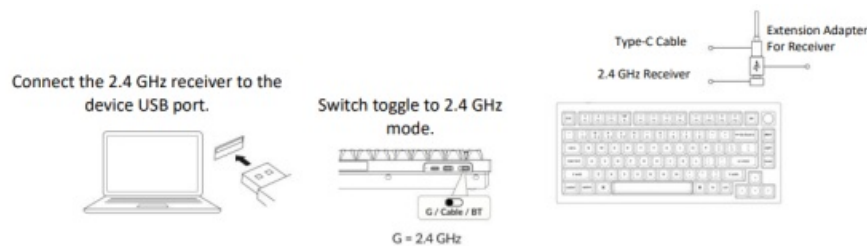
For Windows Users:

If you are using a Windows system, locate the additional keycaps included in the package and follow these steps to replace the appropriate Mac keycaps with their Windows equivalents.



1. Connect 2.4 GHz Receiver

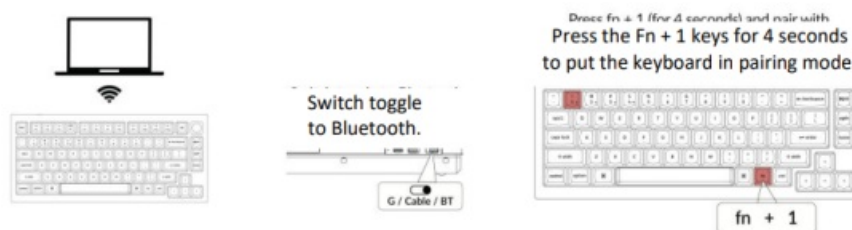
The 2.4 GHz mode offers a stable and reliable wireless connection. Follow these steps to set it up.



Note: For optimal wireless performance, we recommend utilizing the extension adapter for the 2.4GHz receiver. Position the receiver on your desk, close to your keyboard, to minimize latency and reduce the likelihood of signal interference. This setup ensures a stable and seamless typing experience.

2. Connect via Bluetooth

The Bluetooth mode provides versatility by allowing you to pair your keyboard with multiple devices such as smartphones, tablets, or laptops. Here's how to connect via Bluetooth.



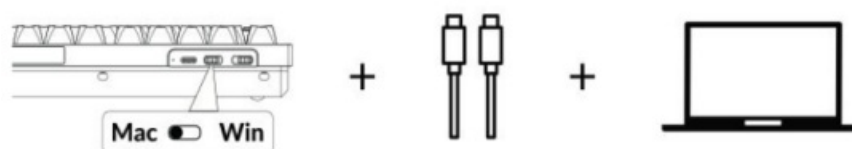
3. Connect Cable

For a wired connection, follow these steps to use the keyboard in Cable mode.



4. Switch to the Right System

The Keychron keyboard is designed to support both Mac/iOS and Windows/Android systems. To ensure optimal functionality, select the appropriate system mode.

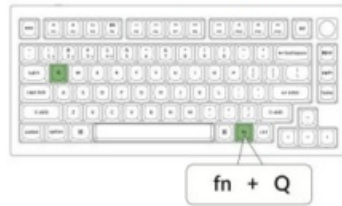


5. The Backlight

The backlight feature on your keyboard adds both aesthetic appeal and functional convenience, especially in

low-light environments. You can easily customize the lighting effect or toggle the backlight on or off with the following steps.

Press fn + Q to change the lighting effect



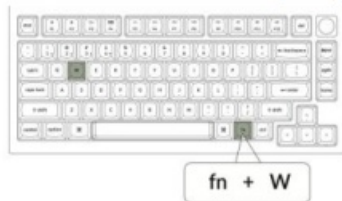
Press fn + tab to turn the backlight on / off



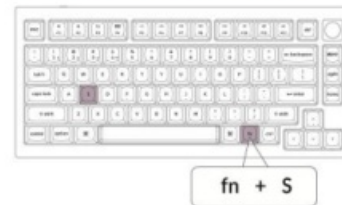
6. Adjust the Backlight Brightness

Brightness control allows you to fine-tune the intensity of the backlight, ensuring it's comfortable for your eyes and suited to your environment.

Press fn + W to make the backlight brighter



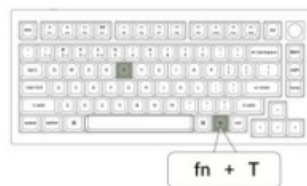
Press fn + S to dim the backlight.



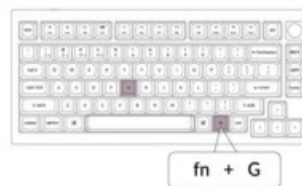
7. Adjust the Backlight Speed

The backlight effects on your keyboard can add a dynamic and customizable look. If the default animation speed feels too fast or too slow, you can adjust it with the following steps.

Press fn + T to increase the speed of the lighting effect.



Press fn + G to slow down the lighting effect.



8. The Keychron Launcher App

The Keychron Launcher App offers advanced customization and firmware management for your keyboard. Here's how to utilize it:

- Access the Launcher:

Visit launcher.keychron.com using the latest version of a compatible web browser, such as Chrome, Edge, or Opera. This web-based app provides a user-friendly interface to enhance your keyboard's functionality.

- Customization Options:

- o Remap Keys: Reassign keys to suit your workflow or preferences.

- o Create Macros: Set up complex actions with a single keypress, improving productivity.

- o Flash Firmware: Keep your keyboard updated with the latest features and fixes by installing firmware updates directly through the Launcher.

- Connection Requirements:

To use the Launcher, your keyboard must be connected to your computer via the Type-C cable in wired mode. Ensure your keyboard is powered on and recognized by the Launcher for seamless operation.

- Troubleshooting:

If the Launcher cannot detect your keyboard, reach out to Keychron support for guidance.

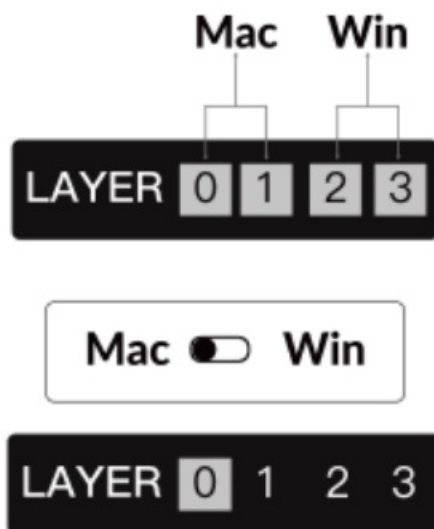
They can provide step-by-step instructions to resolve the issue.

9. The Layers

Your keyboard includes four layers of key settings, providing versatile options for both Mac and Windows operating systems. These layers allow seamless transitions and customization tailored to your workflow:

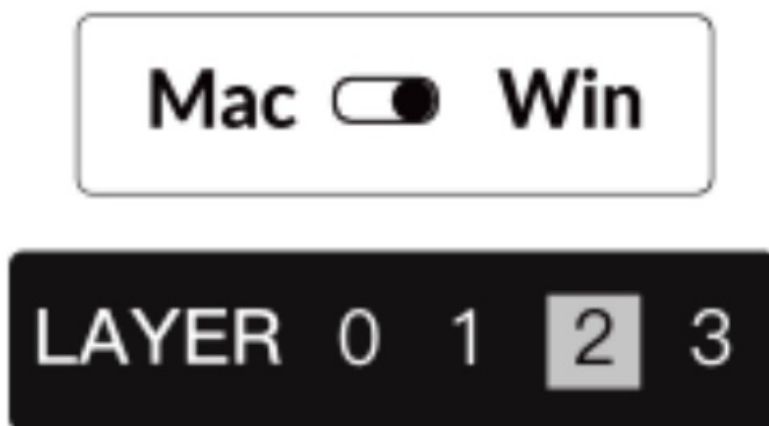
- Mac Layers (Layer 0 and Layer 1):

When the system toggle is switched to Mac, Layer 0 will be activated by default. This layer is optimized for macOS, including specific key mappings and shortcuts designed to enhance your Mac experience. Layer 1 can be accessed by pressing certain function keys (e.g., Fn + MO(1)) for additional customizations.



- Windows Layers (Layer 2 and Layer 3):

When the toggle is set to Windows, the system will activate Layer 2, which is pre-configured for Windows-based layouts and shortcuts. For extended functionality, you can switch to Layer 3 with a combination keypress (e.g., Fn + MO(3)). This makes it easy to switch between layers while ensuring compatibility with Windows devices.



Important Note:

When using Windows mode, ensure that changes or customizations are applied to Layer 2, not Layer 0. This is a common oversight that can cause key mapping issues. Familiarizing yourself with these layers ensures optimal functionality across operating systems.

10. Factory Reset & Firmware Update

If you experience persistent issues or need to update your keyboard, you can perform a factory reset or flash the firmware to resolve problems and enhance performance.

Factory Reset Your Keyboard:

- Power On the Keyboard: Ensure your keyboard is turned on and ready.
- Initiate Reset: Press and hold Fn + J + Z for 4 seconds.
- Confirmation: The keyboard backlight will flash red for 3 seconds, indicating the reset process has been successful. Your keyboard will now return to its default factory settings.

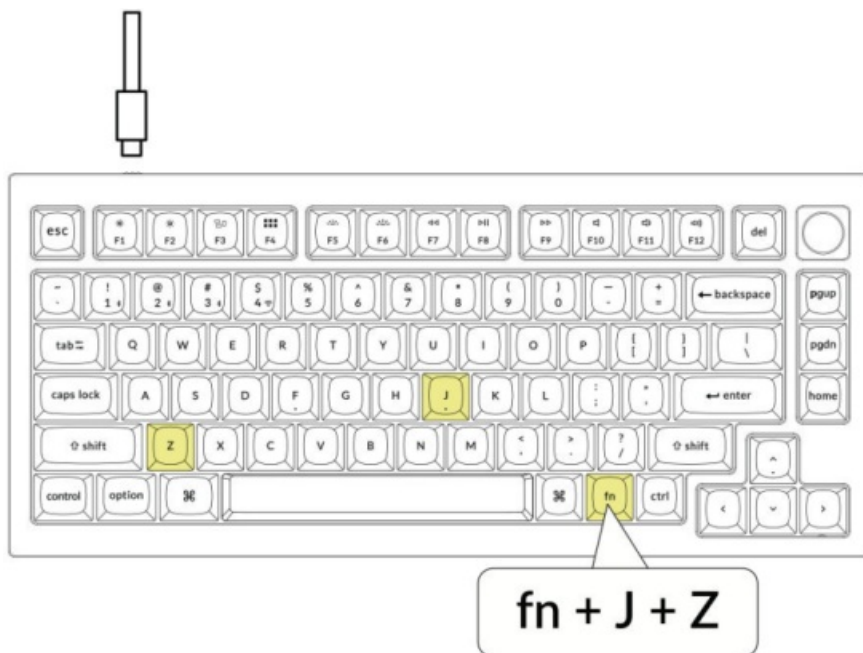
Firmware Update:

- Access the Launcher: Visit launcher.keychron.com using a modern browser (e.g., Chrome, Edge).
- Connection: Connect your keyboard to your computer via a Type-C cable in wired mode.
Ensure the keyboard is powered on.
- Update Process:
 - Navigate to the Firmware Update tab within the Launcher.
 - Follow the on-screen instructions to download and install the latest firmware for your keyboard.
- Completion: Once the update process finishes, your keyboard will restart with the new firmware applied.

Troubleshooting Tips:

- If the Launcher does not recognize your keyboard, verify the wired connection or consult Keychron support for additional assistance.
- Always use the latest browser version and ensure your keyboard is in wired mode during firmware updates.

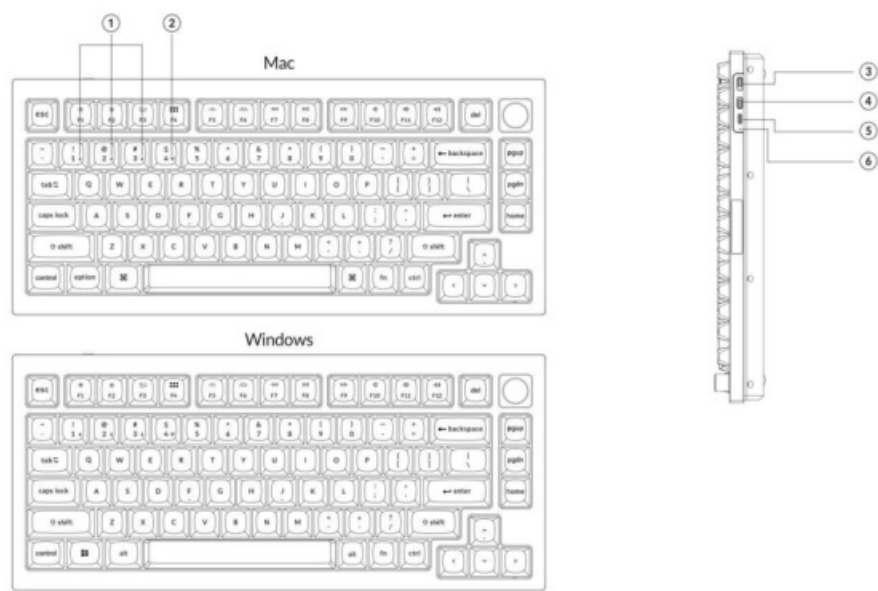
Performing a factory reset or firmware update ensures your keyboard operates smoothly and stays up to date with the latest features and fixes.



Specifications

Specification	Details
Number of Keys	81
Switch Type	Magnetic
Battery Capacity	4000mAh
Charging Time	Around 5 hours
Charging Port	Type-C
Modes	2.4 GHz / Cable / Bluetooth
Wireless Operating Distance	Within 10 meters (open space)
Bluetooth Device Name	Keychron Q1 HE
Operating Environment	-10°C to 50°C

Diagram



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

Default Key Layout

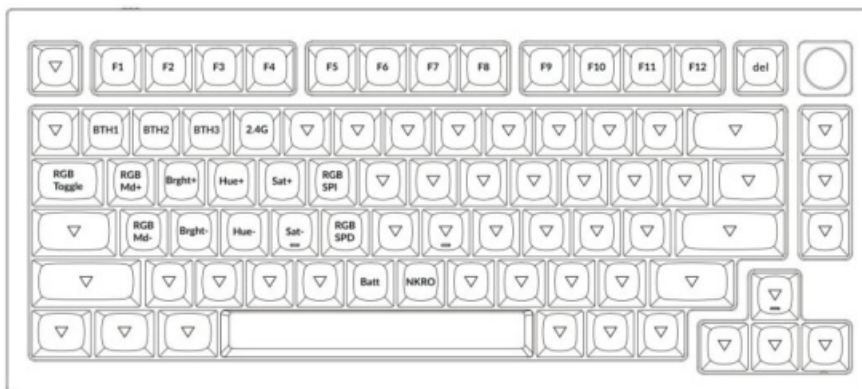
Layer 0 (Mac Mode)

When the system toggle is set to Mac mode, the keyboard activates this default layout tailored for macOS users, featuring shortcuts and function keys that enhance productivity.



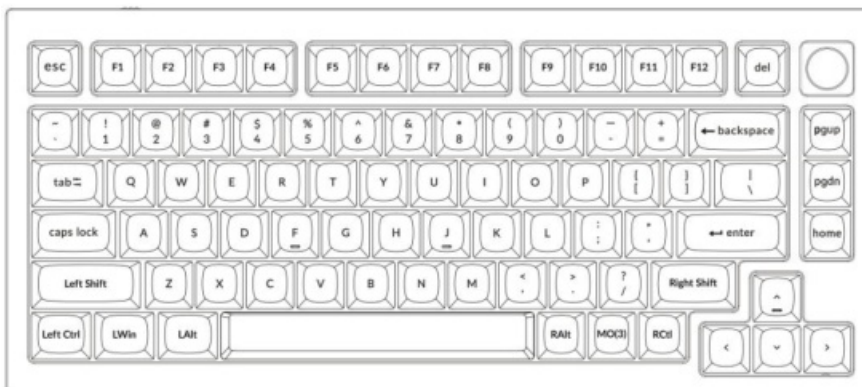
Layer 1: Mac Mode with fn/MO(1) Key

When this layer is activated, the keyboard provides access to advanced functions such as RGB lighting controls, Bluetooth connections, and additional system settings. This layer enhances the keyboard's customization and control capabilities.



Layer 2: Windows Mode

When the keyboard's system toggle is set to Windows mode, Layer 2 becomes active, providing a layout optimized for Windows users. This layer adjusts the modifier keys and system shortcuts to align with the Windows operating system.



Layer 3: Windows Mode with fn/MO(3) Key

This layer enables additional functionality specifically tailored for Windows mode, offering advanced controls such as system navigation, RGB lighting adjustments, and connectivity management.



Key Descriptions

System Controls and Media Keys

- Scr-: Decreases the screen brightness.
- Scr+: Increases the screen brightness.
- Bright-: Reduces the brightness of the keyboard backlight.
- Bright+: Increases the brightness of the keyboard backlight.
- Prvs: Plays the previous track in media playback.
- Play: Pauses or resumes media playback.
- Next: Skips to the next track in media playback.
- Mute: Mutes the system volume.
- Vol-: Decreases the system volume.
- Vol+: Increases the system volume.

RGB Lighting Controls

- RGB Toggle: Turns the RGB backlighting on or off.
- RGBMd+: Switches to the next RGB lighting mode.
- RGBMd-: Switches to the previous RGB lighting mode.
- Hue+: Increases the hue of the RGB lighting.
- Hue-: Decreases the hue of the RGB lighting.
- Sat+: Increases the saturation of the RGB lighting colors.
- Sat-: Decreases the saturation of the RGB lighting colors.
- RGB SPI: Increases the speed of RGB lighting effects.
- RGB SPD: Decreases the speed of RGB lighting effects.

Layer Controls

- MO(1): Activates Layer 1 while the key is held.
- MO(2): Activates Layer 2 while the key is held.
- MO(3): Activates Layer 3 while the key is held.
- MO(4): Activates Layer 4 while the key is held.

Connectivity and Additional Features

- BTH1: Connects to the first Bluetooth host.
- BTH2: Connects to the second Bluetooth host.
- BTH3: Connects to the third Bluetooth host.
- 2.4G: Switches to the 2.4 GHz wireless mode.
- Batt: Displays the battery life of the keyboard.
- NKRO: Enables N-Key Rollover, allowing multiple simultaneous key presses to be registered.

LED Status Overview

The LED indicators on the keyboard provide important visual feedback about its status. The Power Indicator shows the charging status. When the keyboard is charging, the LED glows static red, and when it is fully charged, it changes to static green, signaling that the battery is complete.

For connectivity, the Bluetooth / 2.4 GHz Indicator reflects the status of the wireless modes. If the keyboard is reconnecting to a previously paired device, the LED blinks quickly. When successfully paired, the light turns off, while during pairing mode, it blinks slowly, indicating that the keyboard is ready to connect.

The Caps Lock Indicator provides information about the Caps Lock function. When Caps Lock is enabled, the LED displays a static white light. If Caps Lock is disabled, the light remains off, ensuring clarity about the current state.

Charging Function Description

To charge the keyboard, connect the cable to a USB port on your computer or charger and plug the other end into the keyboard's port. During charging, the Power Indicator will glow red. Once the keyboard is fully charged, which typically takes around five hours, the indicator will turn green to signal completion. The Keychron keyboard is compatible with all USB ports; however, for optimal performance, it is recommended to use a 5V 1A adapter or USB 3.0. The keyboard supports a 5V charging voltage and 1A charging current. Users are advised to ensure proper charging to avoid issues caused by incorrect power sources.

Connectivity Modes: 2.4 GHz, Bluetooth, and Wired

2.4 GHz Wired Mode

To use the keyboard in 2.4 GHz mode, connect the included 2.4 GHz receiver to your computer's USB port. Then, switch the toggle to the 2.4 GHz option on the keyboard. The keyboard will automatically pair and establish a connection with the device.

Wired Mode

For a wired connection, switch the keyboard toggle to the Cable mode. This option functions only when a USB cable is plugged in. Connect the cable between your computer and the keyboard. Once connected, the keyboard backlight will turn on, indicating a successful connection. Note that the keyboard does not enter Battery Saver Mode while in wired mode.

Bluetooth Mode

To use Bluetooth mode, switch the toggle to Bluetooth. The keyboard backlight will turn on, indicating activation. Press and hold the fn + 1 key for four seconds to enable pairing mode; the Bluetooth indicator will flash rapidly during this time. Search for the Bluetooth device named "Keychron Q1 HE" on your computer or other device and select it to connect. Once paired successfully, the Bluetooth indicator will turn off. The keyboard supports pairing with up to three devices simultaneously, which can be accessed via the key combinations fn + 1, fn + 2, and fn + 3.

Additional Notes

The Bluetooth indicator will continue flashing for three minutes during pairing. Slow or failed connections may occur due to variations in device settings or Bluetooth versions. Ensure all device settings are correct for successful pairing.

Switch Bluetooth Devices

To switch between paired Bluetooth devices, use the key combinations fn + 1, fn + 2, or fn + 3. Each combination

corresponds to a previously paired device.

Reconnect

If the keyboard is already paired with a device and needs to reconnect:

- Switch the keyboard to Bluetooth mode to activate it.
- The Bluetooth indicator will flash for four seconds as it attempts to pair with the last connected device.
- If the Bluetooth indicator is off, press any key to re-establish the connection.

Note: The keyboard must have been previously paired with the device for this function to work.

Turn Off the Keyboard

To turn off the keyboard, switch it to Cable mode and unplug the power cable.

Backlight Settings

- To turn the backlight on or off, short press fn + tab or fn + knob (press).
- To switch between different backlight effects, short press fn + Q or fn + A.

Auto Sleep Mode

When using Bluetooth or 2.4 GHz wireless mode, the keyboard will automatically enter Auto Sleep Mode to conserve power when inactive:

- After 10 minutes of inactivity, the keyboard backlight will turn off. Press any key to wake it up; no connection is lost during this stage.
- After 30 minutes of inactivity, the keyboard will enter deep sleep mode and disconnect from the wireless connection. To wake it, press the spacebar. The backlight will turn on, and the keyboard will automatically reconnect to the device.

OS Toggle

The keyboard includes a toggle switch that adjusts its functionality based on the operating system it is connected to, ensuring compatibility with specific system commands and shortcuts.

• Mac/iOS

Set the toggle to Mac/iOS mode when the keyboard is connected to a Mac or iOS device.

This mode optimizes the key functions for macOS and iOS operating systems.

• Windows/Android

Switch the toggle to Windows/Android mode when using the keyboard with a Windows or Android device. This setting adjusts the keys to perform functions specific to these systems.

Note: When in Windows/Android mode, the keyboard uses the Windows key and Alt key for systemspecific functions, ensuring seamless operation across devices.

Troubleshooting

If the keyboard cannot pair with a device, ensure the device supports Bluetooth. Restart both the device and the keyboard, then attempt pairing again. On Windows, note that a new Bluetooth connection may require additional software updates, which can take up to 20 minutes even after a successful pairing message appears. During this

time, restarting the computer is not recommended.

Ensure the device is configured to accept Bluetooth connections (HID profile) and supports external keyboards.

To verify Bluetooth settings on a Windows device:

- Navigate to Bluetooth Devices > Open Settings.
- Ensure the following options are enabled:
 - o Allow Bluetooth devices to find this computer.
 - o Allow Bluetooth devices to connect to this computer.
 - o Alert me when a Bluetooth device wants to connect.

Issues and Solutions

Keyboard Not Working in Bluetooth Mode

For computers or smartphones:

- Access the device's Bluetooth settings, remove or unpair the keyboard, and restart the device.

For the keyboard:

- Turn it off and back on, then reconnect it to the device.

Keyboard Not Working in 2.4 GHz Mode

- Set the toggle to 2.4 GHz mode. Remove and reinsert the receiver into the device, and press fn + 4 for 4 seconds to re-establish pairing. Keep the keyboard within 20 cm of the receiver during the pairing process.

Wireless Connection Interference

- Ensure the keyboard is not placed on a metal surface, as this can disrupt the wireless signal.

Third-Party Input Tools Not Compatible

- Some third-party input tools may be incompatible with the keyboard due to differences in OS versions, brands, or drivers. Ensure your operating system and drivers are up to date for the best performance.

Multimedia and Function Key Issues

Certain multimedia or function keys may not work as intended due to compatibility with specific device brands, drivers, or OS versions. Multimedia keys like brightness, volume, and playback controls, as well as function keys (F1 – F12), may be impacted.

Safety Precautions

To ensure safety and longevity of the keyboard:

- Keep the product, accessories, and packaging out of the reach of children to prevent accidents or choking hazards.
- Always keep the keyboard dry to avoid corrosion.

- Do not expose the keyboard to temperatures below -10°C (14°F) or above 50°C (122°F) to maintain its performance and lifespan.

Warranty Conditions

A new product purchased in the Alza.cz sales network is guaranteed for 2 years. If you need repair or other services during the warranty period, contact the product seller directly, you must provide the original proof of purchase with the date of purchase.

The following are considered to be a conflict with the warranty conditions, for which the claimed claim may not be recognized:

- Using the product for any purpose other than that for which the product is intended or failing to follow the instructions for maintenance, operation, and service of the product.
- Damage to the product by a natural disaster, the intervention of an unauthorized person or mechanically through the fault of the buyer (e.g., during transport, cleaning by inappropriate means, etc.).
- Natural wear and aging of consumables or components during use (such as batteries, etc.).
- Exposure to adverse external influences, such as sunlight and other radiation or electromagnetic fields, fluid intrusion, object intrusion, mains overvoltage, electrostatic discharge voltage (including lightning), faulty supply or input voltage and inappropriate polarity of this voltage, chemical processes such as used power supplies, etc.
- If anyone has made modifications, modifications, alterations to the design or adaptation to change or extend the functions of the product compared to the purchased design or use of nonoriginal components.

EU Declaration of Conformity




This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and Directive 2011/65/EU amended (EU) 2015/863.

WEEE






This product must not be disposed of as normal household waste in accordance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE – 2012/19/EU). Instead, it shall be returned to the place of purchase or handed over to a public collection point for the recyclable waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. Contact your local authority or the nearest collection point for further details. Improper disposal of this type of waste may result in fines in accordance with national regulations.

Documents / Resources

 <p>Keychron Q1 HE Wireless Magnetic Switch Keyboard</p>	<p>Keychron Q1 HE Wireless Magnetic Switch Keyboard [pdf] Instruction Manual Q1 HE Wireless Magnetic Switch Keyboard, Q1 HE, Wireless Magnetic Switch Keyboard, Magnetic Switch Keyboard, Switch Keyboard</p>
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References

-  [Alza.cz – rychlý a pohodlný nákup odkudkoliv | Alza.cz](#)
-  [Launcher](#)
-  [Alza.cz](#)
- [User Manual](#)

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