



Keychron Q2 Customizable Mechanical Keyboard User Manual

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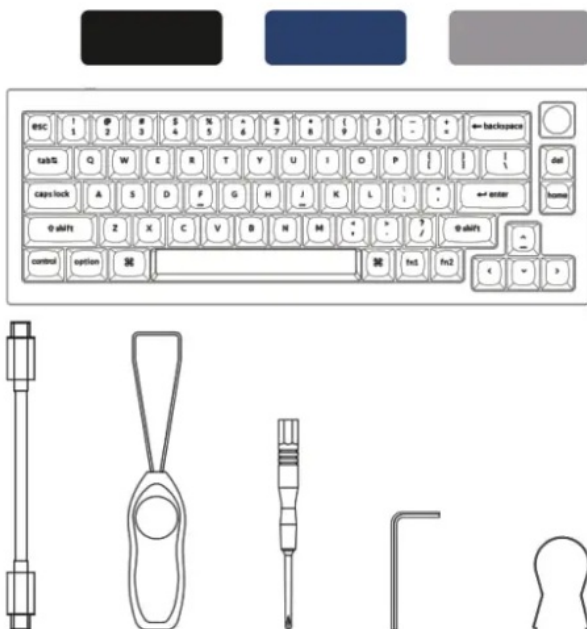
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Keychron Q2 Customizable Mechanical Keyboard User Manual



Fully Assembled Version



Keyboard

- 1x Fully Assembled Keyboard

Including

- 1x Aluminum Case
- 1x PCB
- 1x Steel Plate
- 1x Sound Absorbing Foam
- 1x Case Foam
- 12x Gaskets (8 Installed and 4 in the Box)
- 4 Sets x Stabilizers
- 1 Set x Keycaps (PBT Double-shot)

- 1 Set x Switches (Gateron G Pro)

Cable

- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter

Tools

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

Barebone Version



Keyboard Kit

- 1x Keyboard Kit (Without Keycaps & Switches)

Including

- 1x Aluminum Case
- 1x PCB
- 1x Steel Plate
- 1x Sound Absorbing Foam
- 1x Case Foam

- 12x Gaskets (8 Installed and 4 in the Box)
- 4 Sets x Stabilizers

Cable

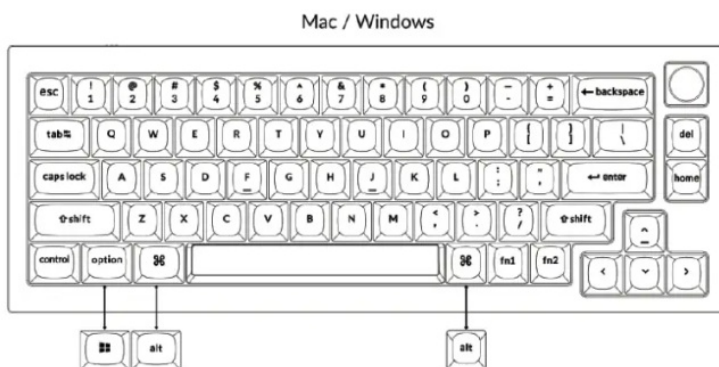
- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter

Tools

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

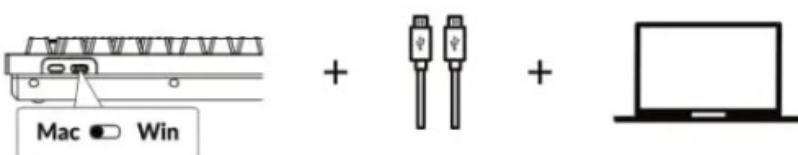
QUICK START GUIDE

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.



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.



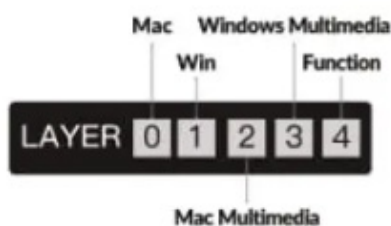
2. The VIA Key Remapping Software

Please visit caniusevia.com to download the latest VIA software to remap the keys.
If the VIA software cannot recognize your keyboard, please reach out to our support to get the instruction.

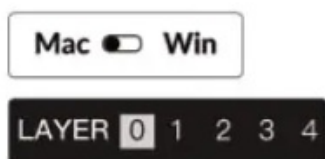


3. The Layers

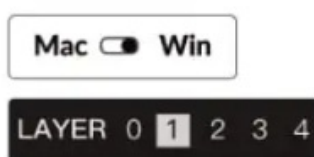
There are five layers of key settings on the keyboard.
The layer 0 is for the Mac system.
The layer 1 is for the Windows system.
The layer 2 is for the Mac Multimedia keys.
The layer 3 is for the Windows Multimedia keys.
The layer 4 is for the Function keys.



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.



4. Multimedia Key and Function Key

Multimedia keys



Function keys

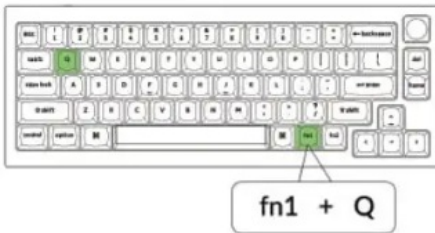
F1 / F2 / F3 / F4 / F5 / F6 / F7 / F8 / F9 / F10 / F11 / F12

In order to get Multimedia Key, you need to press fn1 and  Key.

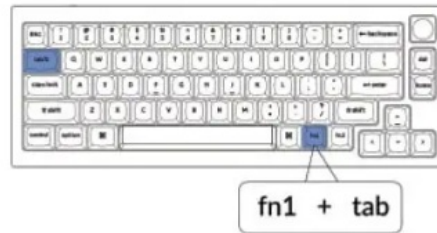
In order to get Function Key, you need to press fn2 and  Key.

5. The Backlight

Press fn1 + Q to change the lighting effect

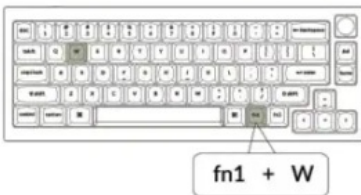


Press fn1 + tab to turn the backlight on/off.

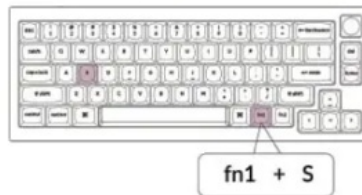


6. Adjust The Backlight Brightness

fn1 + W to increase the backlight brightness

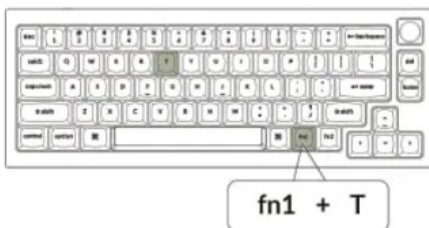


fn1 + S to decrease the backlight brightness

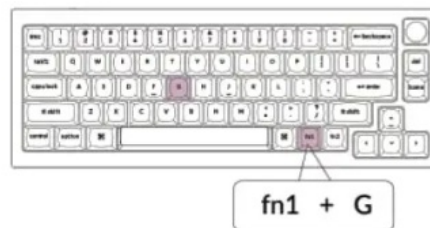


6. Adjust The Backlight Brightness

Press fn1 + T to increase the light effect speed

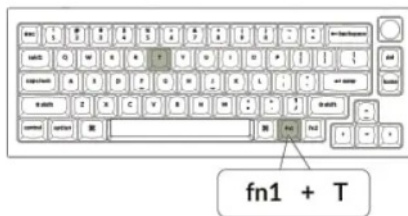


Press fn1 + G to decrease the light effect speed

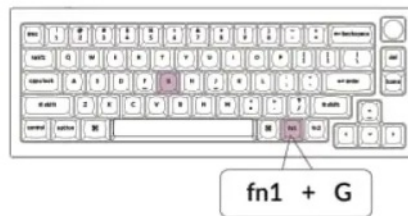


7. Adjust The Backlight Speed

Press fn1 + T to increase the light effect speed



Press fn1 + G to decrease the light effect speed



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.

Press fn1 + G to decrease the light effect speed

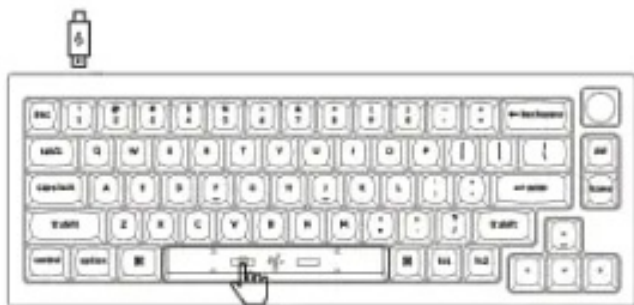


9. Watch The Building Tutorial On Our Website

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.



10. Factory Reset



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

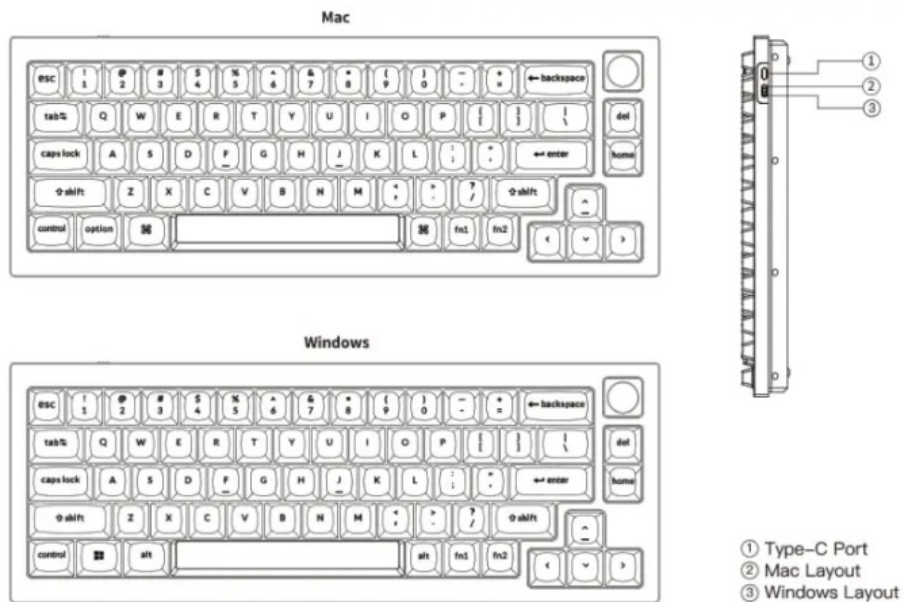
1. Try factory reset by pressing fn1 + J +Z (for 4 seconds)
2. Download the right firmware for your keyboard from our website.
3. Remove the power cable from the keyboard.
4. Remove the space bar keycap to find the reset button on the PCB.
5. Hold the reset key while plugging in the power cable and then release the reset key. The keyboard now will enter DFU mode.
6. Flash the firmware with the QMK Toolbox.
7. Factory reset the keyboard again by pressing fn1 + J + Z (for 4 seconds)

* Step by step guide can be found on our website

Q2 CUSTOMIZABLE KEYBOARD SPECIFICATIONS

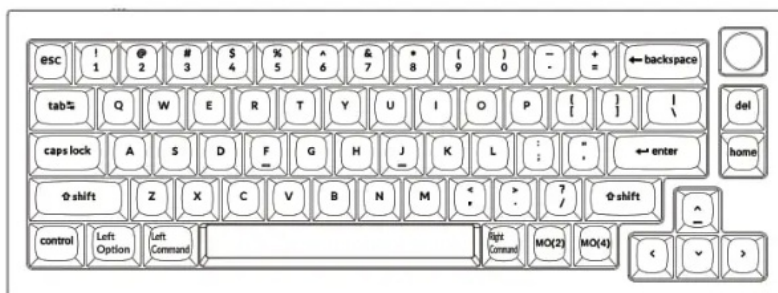
Specifications	
Layout	65%
Switch type	Mechanical
Width	121mm
length	327.5 mm
Front height	20 mm (without keycaps)
Back height	33.8 mm (without keycaps)
Front height	33.6 mm (with OEM keycaps installed)
Back height	45.6 mm (with OEM keycaps installed)
Keyboard feet height	2.4mm
Angle	6.5 degree

Q2 MECHANICAL KEYBOARD OVERVIEW

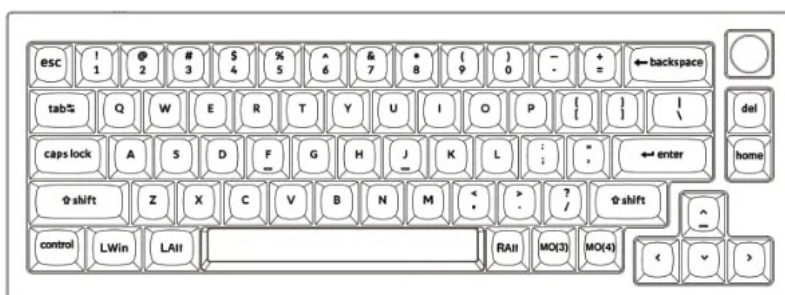


DEFAULT KEY LAYOUT:

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

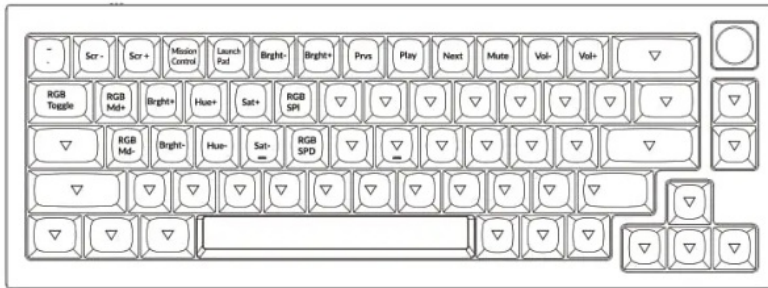


LAYER 1: This layer will be activated when your keyboard's system toggle is switched to Windows.

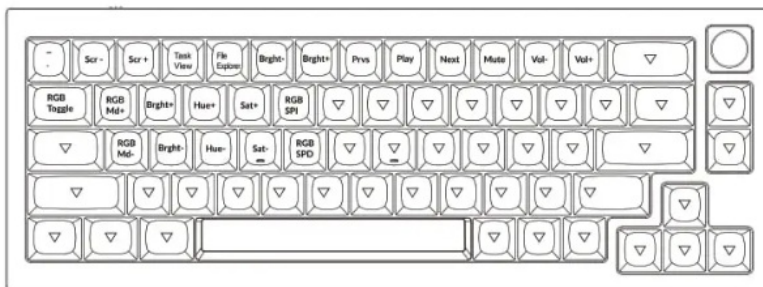


LAlt = Left Alt LWin = Left Windows RAlt = Right Alt

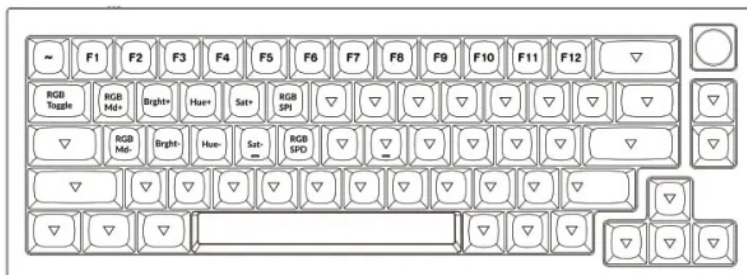
LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn1/M0(2) key.



LAYER 3: This layer will be activated when your keyboard's system toggle is switched to Windows and press the fn1/M0(3) key.



LAYER 4: This layer will be activated when you press the fn2/M0(4) key.



KEY DESCRIPTION

Key Description		Key Description	
Ser-	Screen Brightness Decrease	RGBMd+	RGB Mode Next
Ser+	Screen Brightness Increase	RGBMd-	RGB Mode Previous
Bright-	Backlight Decrease	Hue+	Hue Increase
Bright+	Backlight Increase	Hue-	Hue Decrease
Prvs	Previous	RGB SPI	RGB Speed Increase
Play	Play/Pause R	GBSPD RGB	Speed Decrease
Next	Next	M0(1)	Layer 1 will be activated when holding this key
Mute	Mute	M0(2)	Layer 2 will be activated when holding this key
Vol-	Volume Decrease	M0(3)	Layer 3 will be activated when holding this key
Vol+	Volume Increase	M0(4)	Layer 4 will be activated when holding this key
RGBToggle	Turn Backlight on/off		

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 fn keys or multimedia keys does not work under Windows/ Android mode.

Functionalities of certain multimedia keys may be disabled due to compatibility, versions, brands and drivers of Windows/Android OS.

Safety Precaution:

Keep the product, accessories and packaging parts out of 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>

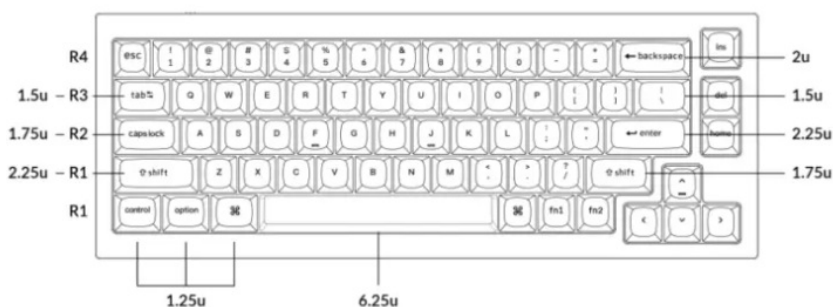
Support@keychron.com

Designed by Keychron

Made in China

Keychron Q2 Keycap Size

Below is the hi res image of Q2 keycap size.



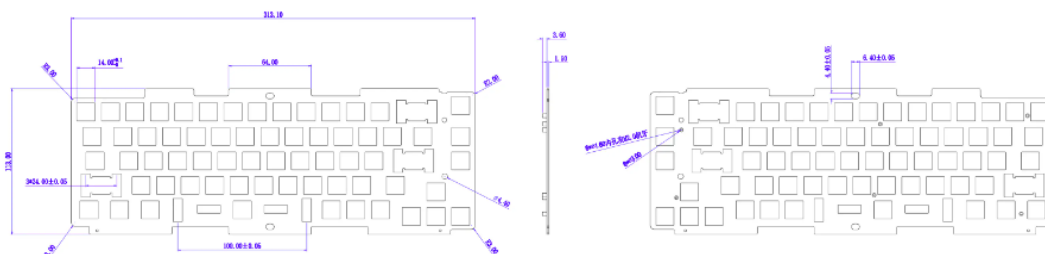
Q2 Keyboard Plate File

[Q2 ANSI/ISO Layout Plate Download](#)

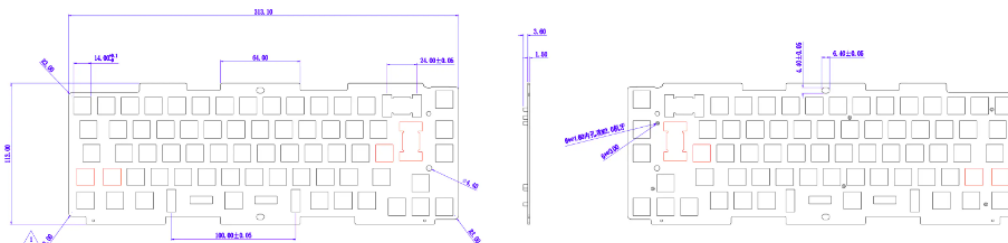
[Q2 ANSI Layout Plate dwg Format File Download](#)

[Q2 ISO Layout Plate dwg Format File Download](#)

Q2 ANSI Layout Plate



Q2 ISO Layout Plate



How to Factory Reset or Flash Firmware for Your Keychron Q2 keyboard?

Troubleshooting? Or don't know what's going on with the keyboard? You may try factory reset.

Note: If everything works fine with your keyboard. Please don't flash the firmware. There is a chance it can damage your keyboard.

1. Download the Q2 firmware (the file needs to be unzipped) and download the QMK Toolbox. (If the download link below does not work, use this link: https://github.com/qmk/qmk_toolbox/releases)

[Download Q2 Non-Knob ANSI Firmware](#)

[Download Q2 Non-Knob ISO Firmware](#)

[Download Q2 Knob Version ANSI Firmware](#)

[Download Q2 Knob Version ISO Firmware](#)

[Download QMK Toolbox for Mac](#)

[Download QMK Toolbox for Windows](#)

2. Unplug the power cable from the keyboard.

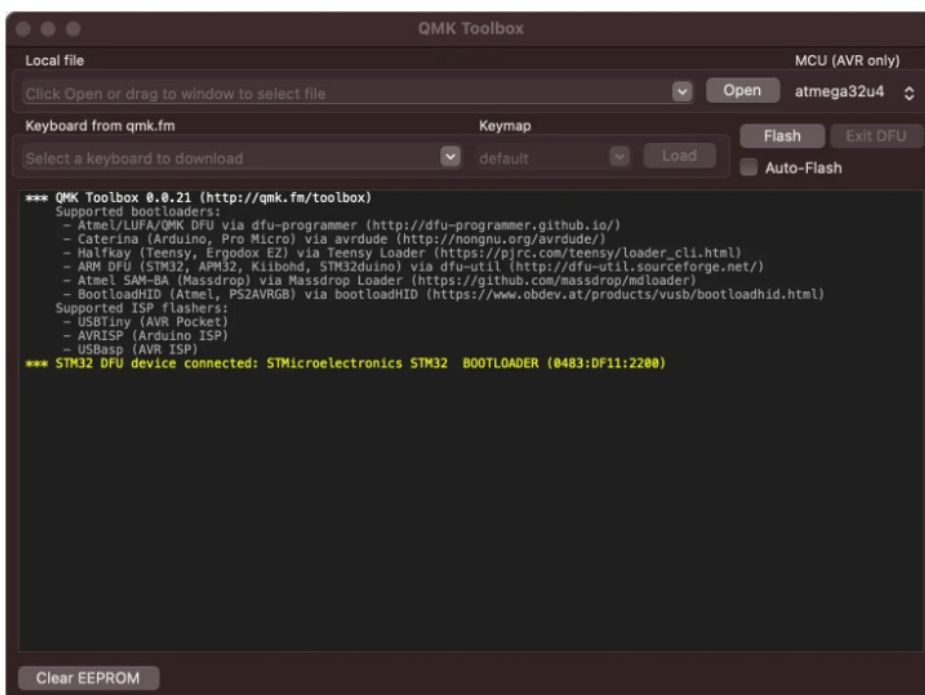
3. Open the QMK Toolbox.

4. Remove the space bar keycap to find the reset button on the left side of the space bar switch on the PCB.

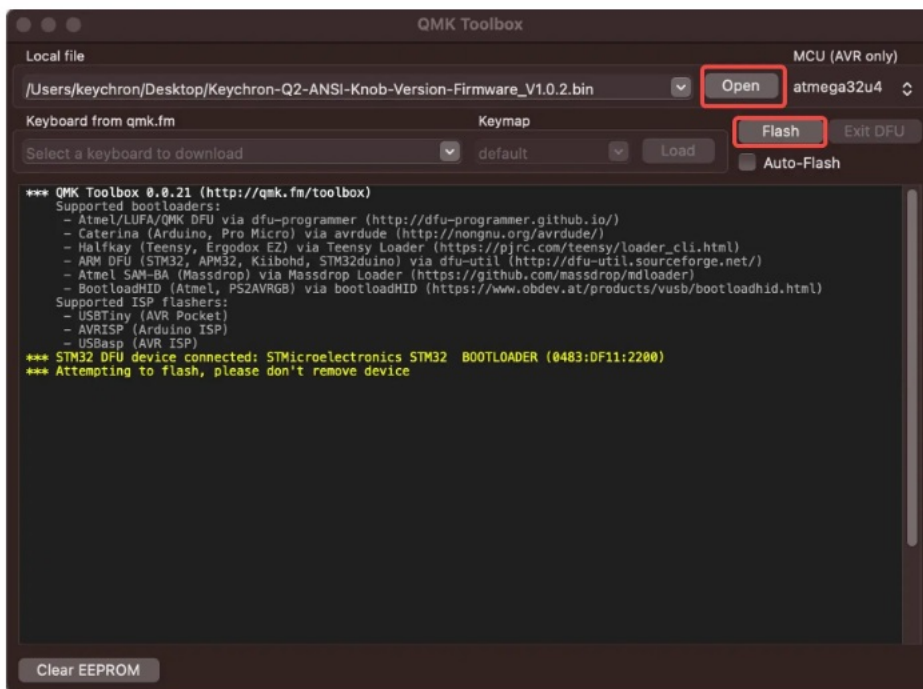


5. Press down and hold the reset button.

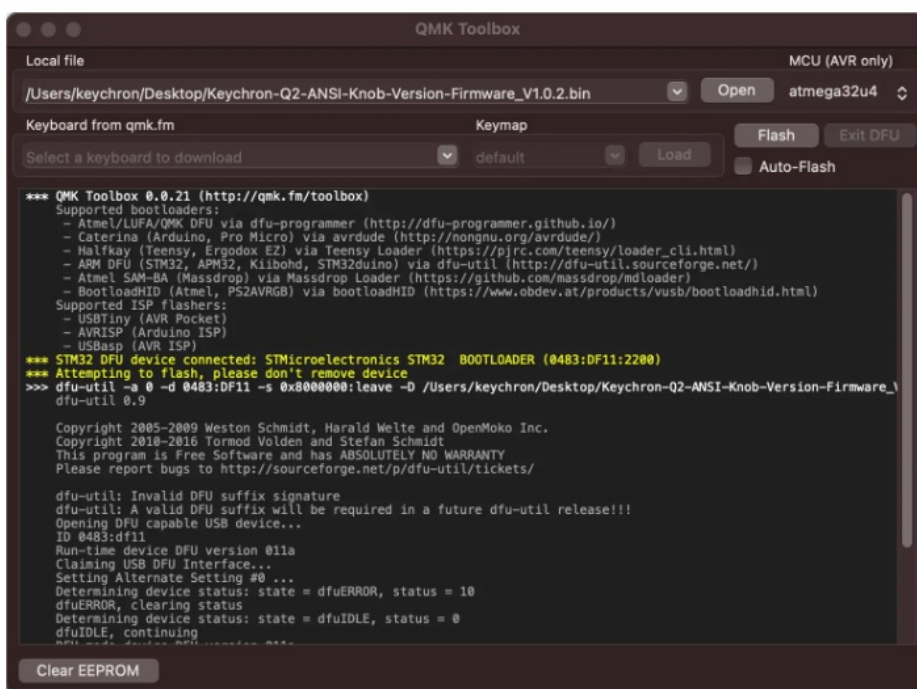
6. Plug in the power cable. The keyboard will enter into DFU mode. Then, the QMK Toolbox will display in yellow words “***DFU device connected”.



6. Click open and choose the Keychron Q2 firmware. Click the Flash button. It will start flashing. (Note: Do NOT unplug the power cable while it's flashing.)



7. Wait a few seconds and when you see the content below, it means the keyboard has flashed successfully factory reset.



If VIA can't pair with your Keychron Q2 after you tried flashing, you need to follow these steps:

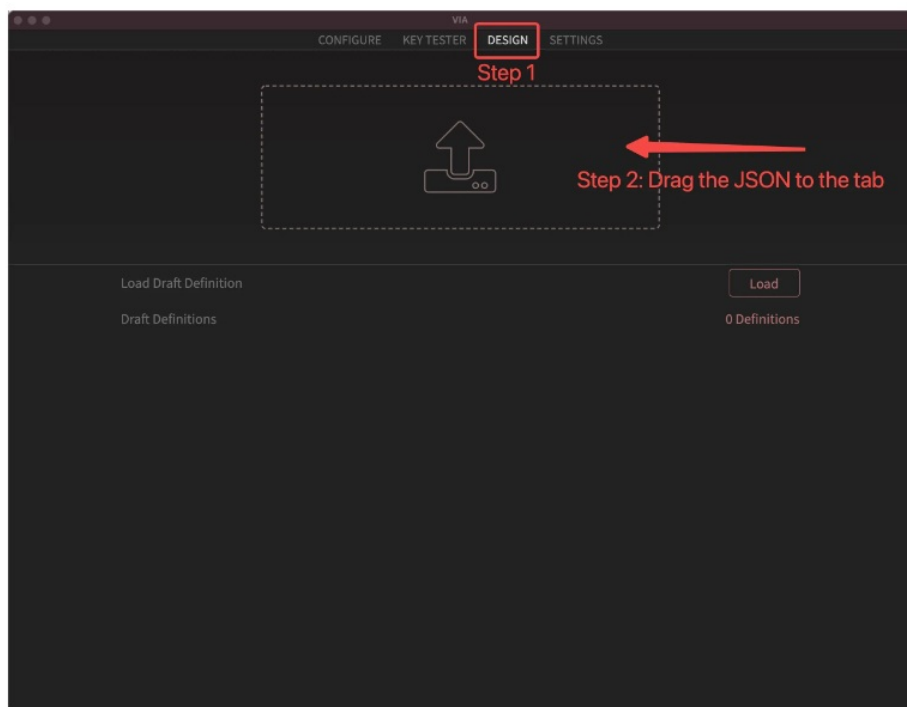
1. Reconnect your keyboard power cable.
2. If VIA still doesn't pair together after you reconnect the power cable, download the Keychron Q2 keymap JSON file.

[Download Q2 Knob version ANSI /US keymap JSON for VIA](#)
[Download Q2 Non-Knob version ANSI /US keymap JSON for VIA](#)
[Download Q2 Knob version ISO keymap JSON file for VIA](#)
[Download Q2 Non-Knob version ISO keymap JSON for VIA](#)

3. Open VIA.

Step 1: Click the "DESIGN" section.

Step 2: Drag the JSON file to the tab and then click the “CONFIGURE” section to customize the keymap.



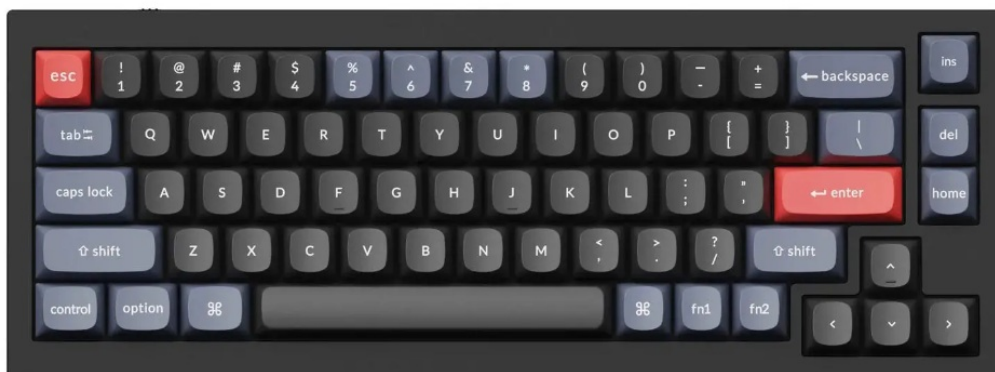
5. VIA should pair together with the Keychron Q2 now.

You may contact support@keychron.com if a defect covered by the warranty arises in your product within the warranty period. Keychron will honor the warranty of our Q and V series keyboard (e.g.: Q1, Q2, V1, V2, etc.) by one of the following methods at our discretion:

- Defects of Q and V series keyboards have been caused by manufacturing: We will only replace the defective parts of the keyboard, not the whole keyboard, as its highly customizable and easy to be rebuilt.*
- Defects of Q and V series keyboards have been caused by disassembling our product, improper installation, non-factory repairs/modifications, improper adjustment of the product, or neglect, including but not limited to “burn-in”, and similar wrongful use: We will NOT offer free service. We only offer paid service to replace the defective parts at your own cost (including the cost of parts, shipping fee and tax if applicable).*

The Key Combinations Table Of Keychron Q2

For Keychron Q2, we’ve included all the normal and useful functions keys that can be accessed via the default key combinations. Here is the table for all the key combinations and functions it can access.



fn1 + Keys

Keys	Function
fn1 + esc	`
fn1 + 1	Screen Brightness Down
fn1 + 2	Screen Brightness Up
fn1 + 3	Mission Control (Mac mode) / Task View (Windows mode)
fn1 + 4	Launchpad (Mac mode) / File Explorer (Windows mode)
fn1 + 5	Keyboard Backlight Down
fn1 + 6	Keyboard Backlight Up
fn1 + 7	Rewind
fn1 + 8	Play / Pause
fn1 + 9	Fast Forward
fn1 + 0	Sound: Volume Mute
fn1 + -	Sound: Volume Down
fn1 + =	Sound: Volume Up
fn1 + tab	Turn On / Off the Backlight
fn1 + Q	RGB Mode Next
fn1 + A	RGB Mode Previous
fn1 + W	Keyboard Backlight Up
fn1 + S	Keyboard Backlight Down
fn1 + E	Hue Increase
fn1 + D	Hue Decrease
fn1 + R	Saturation Increase
fn1 + F	Saturation Decrease
fn1 + T	RGB Speed Increase
fn1 + G	RGB Speed Decrease
fn1 + J + Z (long press for 3s)	Reset The Keyboard

fn2 + Keys

Keys	Function
fn2 + esc	~
fn2 + 1	F1
fn2 + 2	F2
fn2 + 3	F3
fn2 + 4	F4
fn2 + 5	F5
fn2 + 6	F6
fn2 + 7	F7
fn2 + 8	F8
fn2 + 9	F9
fn2 + 0	F10
fn2 + –	F11
fn2 + =	F12
fn2 + tab	Turn On / Off the Backlight
fn2 + Q	RGB Mode Next
fn2 + A	RGB Mode Previous
fn2 + W	Keyboard Backlight Down
fn2 + S	Keyboard Backlight Up
fn2 + E	Hue Increase
fn2 + D	Hue Decrease
fn2 + R	Saturation Increase
fn2 + F	Saturation Decrease
fn2 + T	RGB Speed Increase
fn2 + G	RGB Speed Decrease

*Above are the default key combinations of Keychron Q2. You can customise your own key combinations on each [layer](#) and access to more functions through VIA software. Please click [here](#) and read “How to Use Different Layers to Set the Combination Keys” for details.

Read More About....

[Keychron Q2 Knob Version Keyboard User Manual](#)

Download

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Read More About This Manual & Download PDF:

Documents / Resources

	Keychron Q2 Customizable Mechanical Keyboard [pdf] User Manual Q2 Customizable Mechanical Keyboard, Q2, Customizable Mechanical Keyboard, Mechanical Keyboard, Keyboard
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References

-  [VIA | VIA](#)
-  [alza.at](#)
-  [alza.co.uk](#)
-  [alza.de](#)
-  [alza.hu](#)
-  [alza.sk](#)