



# Q12 CUSTOMIZABLE KEYBOARD USER MANUAL

Knob  
Version

# Fully Assembled Version

## Keyboard

1x Fully Assembled Keyboard

### Including

1x Aluminum Case

1x PCB

1x Steel Plate

1x Case Foam

16x Gaskets (12 Installed and 4 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

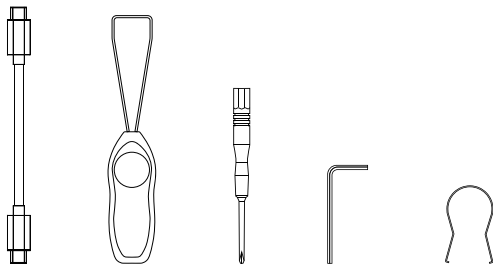
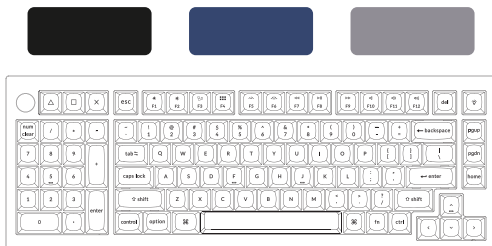
## Tools

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 Case Foam

16x Gaskets (12 Installed and 4 in the Box)

7 Sets x Stabilizers

## Cable

1x Type-C to Type-C Cable

1x Type-A to Type-C Adapter

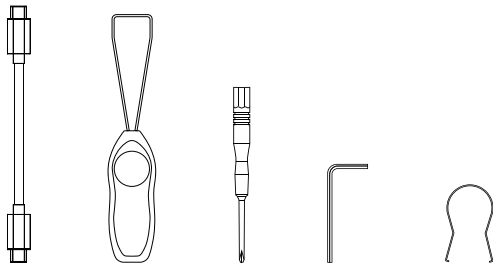
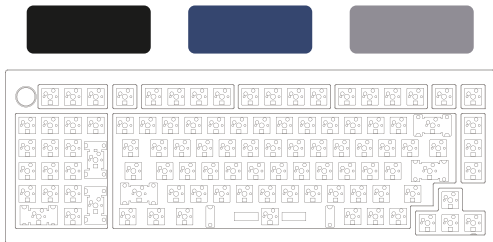
## Tools

1x Switch Puller

1x Keycap Puller

1x Screwdriver

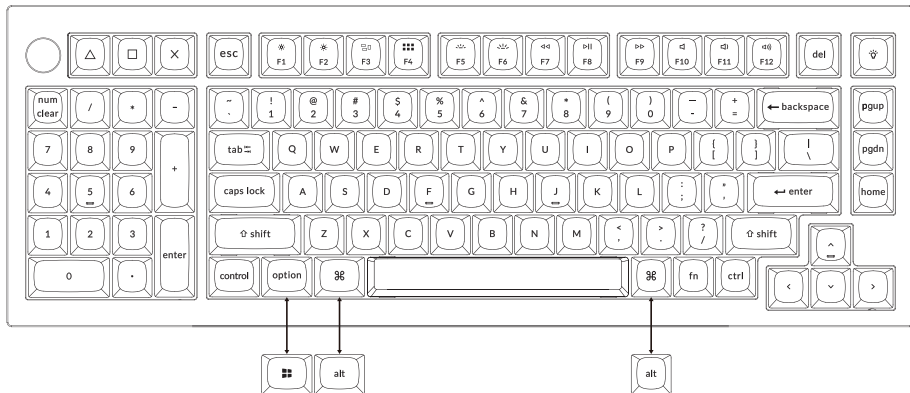
1x Hex Key



## Quick Start Guide

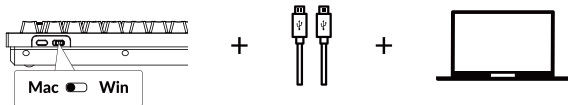
If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.

### 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.



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## 2 The VIA Key Remapping Software

Please visit [caniusevia.com](http://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.

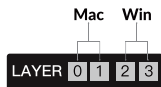


### 3 The Layers

There are 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.



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### 4 The Backlight

Press fn + Q to change the lighting effect



Press fn + tab to turn the backlight on/off



## 5 Adjust The Backlight Brightness

Press fn + W to increase the backlight brightness



Press fn + S to decrease the backlight brightness



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## 6 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.



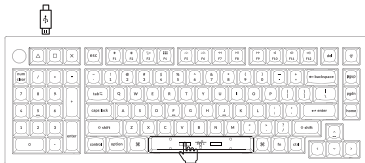
## 7 Watch The Building Tutorial On Our Website

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.



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## 8 Factory Reset



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

- 1 Plug in the power cable and factory reset the keyboard by pressing  $\text{fn} + \text{J} + \text{Z}$  (for 4 seconds).
  - 2 Download the right firmware and QMK Toolbox from our website.
  - 3 Unplug the power cable and remove the space bar keycap to find the reset button on the PCB.
  - 4 Hold the reset key first, then plug in the power cable. Release the reset key, and the keyboard will now enter DFU mode.
  - 5 Flash the firmware with the QMK Toolbox.
  - 6 Factory reset the keyboard again by pressing  $\text{fn} + \text{J} + \text{Z}$  (for 4 seconds).
- \* Step by step guide can be found on our website.

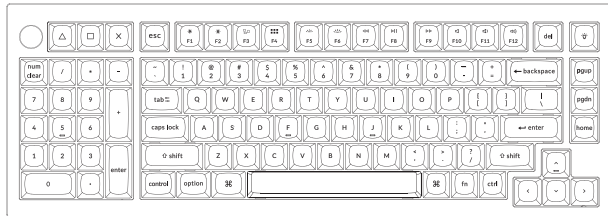


## Q12 CUSTOMIZABLE KEYBOARD SPECIFICATIONS

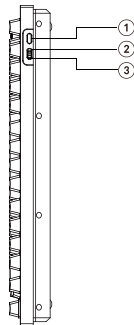
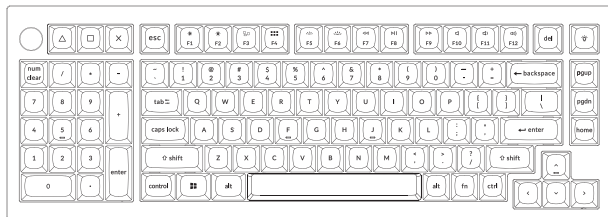
Specifications	
Layout	96%
Switch type	Mechanical
Width	145 mm
Length	409.4 mm
Front height	20.2 mm (without keycaps) 30.9 mm (with keycaps installed)
Back height	33.4 mm (without keycaps) 42.8 mm (with keycaps installed)
Keyboard feet height	2.4 mm
Angle	5.3 degree

# Q12 MECHANICAL KEYBOARD OVERVIEW

Mac



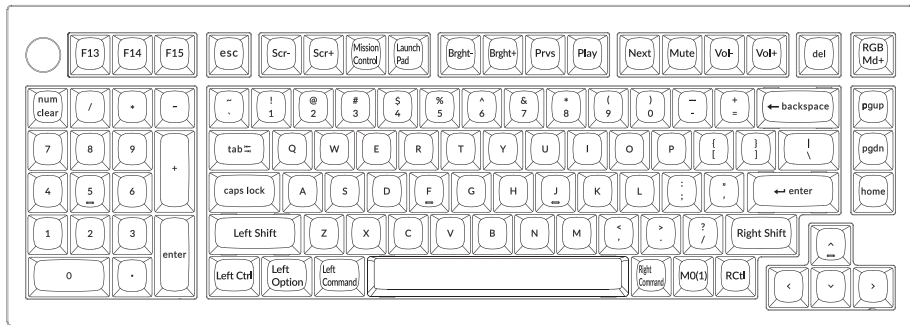
Windows



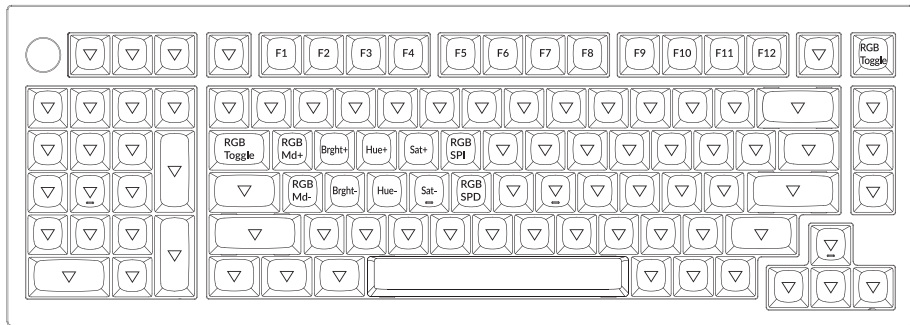
- ① Type-C Port
- ② Mac Layout
- ③ Windows Layout

## DEFAULT KEY LAYOUT:

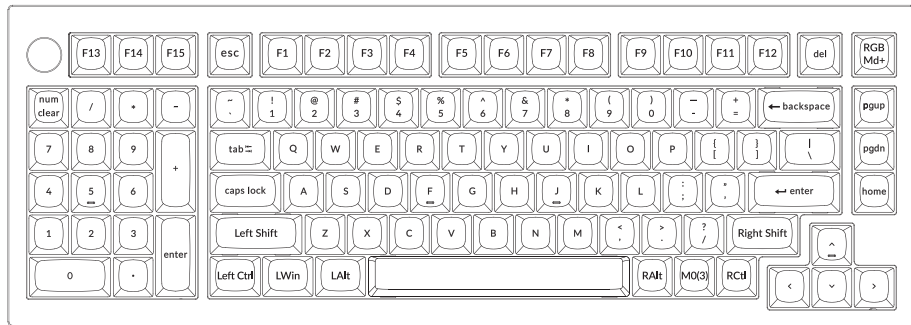
LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.



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

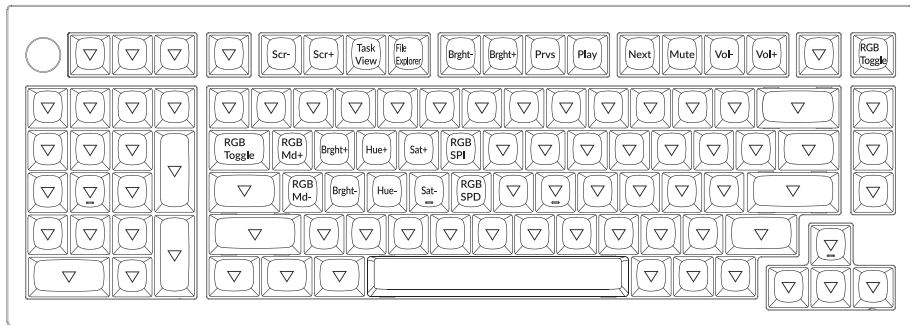


LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.



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

Key Description	
RGBMd+	RGB Mode Next
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(3)	Layer 3 will be activated when holding this key

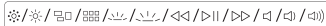
### **Third-party input tools are not compatible with the keyboard.**

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 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:



### **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**

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<https://www.keychron.com>

[Support@keychron.com](mailto:Support@keychron.com)

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# Q12 客制化键盘用户手册 旋钮版本

# 完全组装版本

## 键盘

1x 已组装成品键盘

## 包含

1x 铝合金金属外壳

1x PCB

1x 铁质定位板

1x PCB与定位板夹心吸音泡棉

16x Gaskets缓冲垫 (12个缓冲垫已安装在键盘本体、4个放置在包装内部)

7套PCB卫星轴

1套键帽 (PBT材质-双色注塑)

1套机械轴体

## 线材

1x Type-C to Type-C 接口线材

1x Type-A to Type-C 转接头

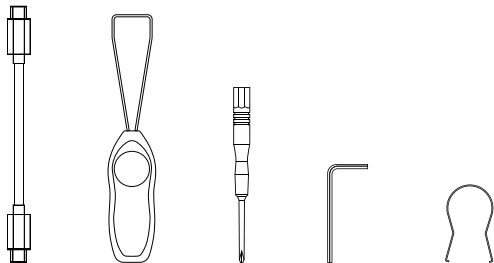
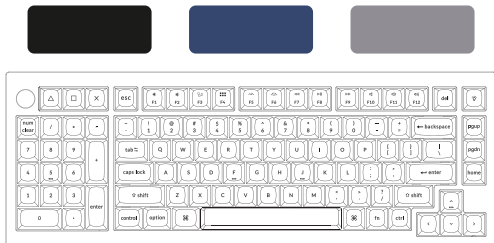
## 工具

1x 拔键器

1x 拔轴器

1x 十字螺丝刀

1x 内六角螺丝刀



# 套件版本

## 键盘

1x 键盘本体 (不包含键帽、轴体)

## 包含

1x 铝合金金属外壳

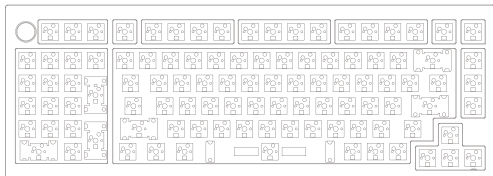
1x PCB

1x 铁质定位板

1x PCB与定位板夹心吸音泡棉

16x Gaskets缓冲垫 (12个缓冲垫已安装在键盘本体、4个放置在包装内部)

7套PCB卫星轴



## 线材

1x Type-C to Type-C 接口线材

1x Type-A to Type-C 转接头

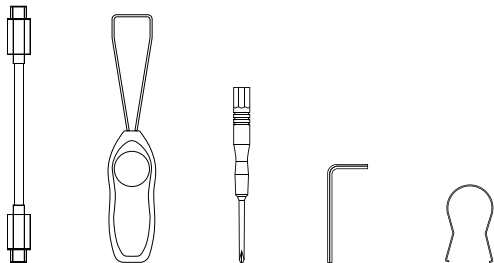
## 工具

1x 拔键器

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1x 十字螺丝刀

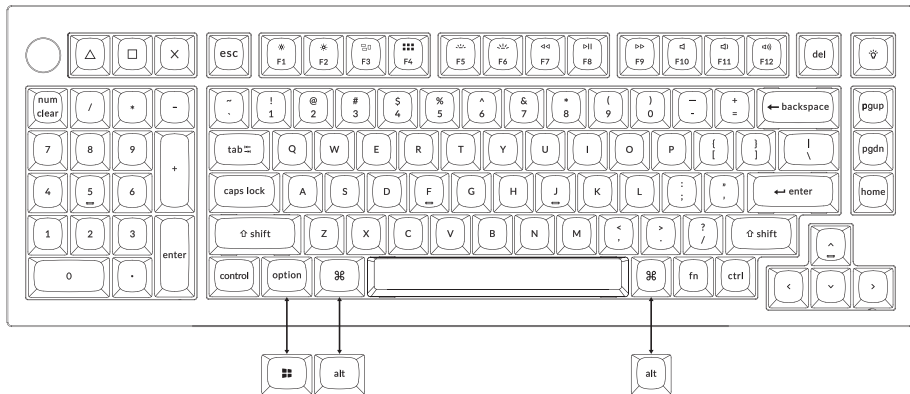
1x 内六角螺丝刀



# 快速入门指南

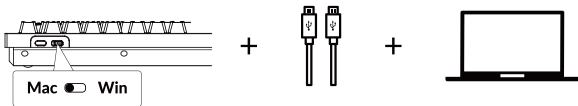
如果您是Windows用户,请在包装内中找到对应的键帽,然后按照下面的说明找到并替换以下键帽。

## Mac / Windows



## 1、系统切换

请确保键盘左上角的系统拨片切换到对应系统，如果没有选择正确，部分功能将无法使用。



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## 2、关于VIA映射软件

可以访问[caniusevia.com](http://caniusevia.com) 下载最新的VIA软件，VIA是可以映射按键的软件。如果VIA软件不能识别你的键盘，请联系我们以获得技术支持。

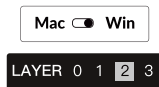
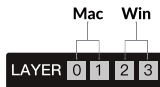


### 3、关于键盘键层说明

键盘有四层按键设置。  
层0和层1是用于Mac系统。  
层2和层3是用于Windows系统。

如果您的系统拨片切换到Mac档位，  
层0将被激活。

如果您的系统拨片切换到Windows档位，  
那么层2将被激活。  
如果您在Windows系统模式下使用，  
请对层2进行更改，而不是层0，  
否则无法进行按键映射操作。



### 4、更改键盘背光模式以及快速关闭/开启键盘背光

组合fn+Q键，更改键盘背光模式



组合fn+tab按键，可快速关闭/开启键盘背光



## 5、调整键盘背光亮度

组合fn+W按键,提高键盘背光亮度



组合fn+S按键,减少键盘背光亮度



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## 6、保修

由于Q12客制化键盘是可高度定制且易于组装的,所以键盘的任何一个部件出了问题,我们只会更换键盘有问题的部件而不是整个键盘。



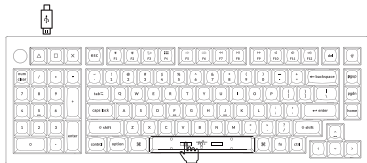


## 7、键盘组装教程

如果您没有安装过类似产品的经验，我们建议您观看我们网站上的键盘组装教程视频，然后再开始进行键盘组装。



## 8、恢复出厂模式



如果键盘出现了故障，不知道怎么办？

- ① 将数据线插入键盘，并依照顺序长按fn+J+Z(等待四秒)。
- ② 从我们的网站为您的键盘下载正确的固件和QMK工具箱。
- ③ 拔掉键盘上的数据线和空格键键帽，您可以看到空格键下方的金属复位按钮。
- ④ 首先长按住复位按钮，然后将数据线插入键盘。放开这个复位按钮，此时键盘会进入DFU模式。
- ⑤ 然后您可以使用QMK工具箱进行刷新固件的操作。
- ⑥ 固件刷新完成后，再次将键盘恢复出厂设置长按fn+J+Z(等待四秒)。

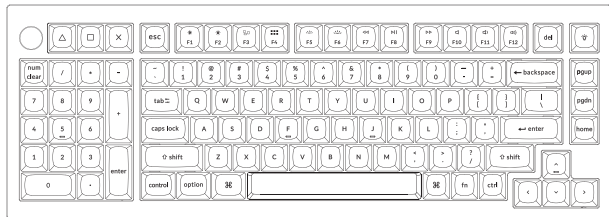
\*步骤指南可以在我们的网站上找到。

## Q12客制化键盘规格

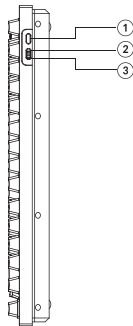
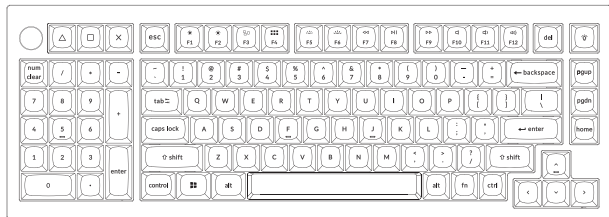
规格	
布局	96%
开关类型	机械轴体
宽度	145mm
长度	409.4mm
键盘下沿高度	20.2mm (不含键帽) / 30.9mm (含键帽高度)
键盘上沿高度	33.4mm (不含键帽) / 42.8mm (含键帽高度)
键盘脚垫高度	2.4mm
键盘倾斜角度	5.3°

## Q12客制化键盘按键说明

Mac



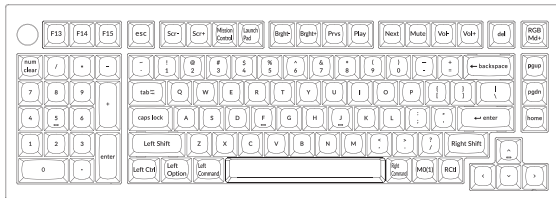
Windows



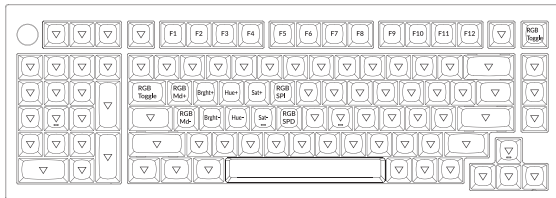
- ① Type-C接口
- ② Mac系统档位
- ③ Windows系统档位

## 按键布局

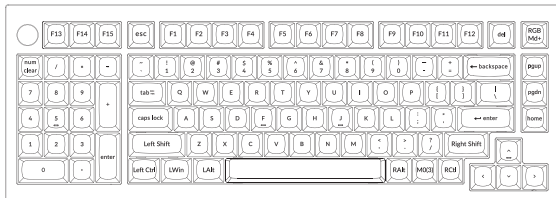
层0: 当您的系统拨片切换到Mac档位的时候, 层0将被激活使用。



层1: 当您的系统拨片切换到Mac档位并组合fn/MO(1)键的时候, 层1将被激活使用。

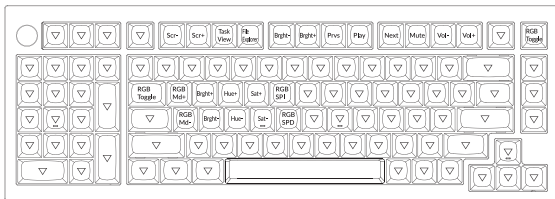


层2:当您的系统拨片切换到Windows档位的时候,层2将被激活使用。



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

层3:当您的系统拨片切换到Windows档位并组合fn/MO(3)键的时候,层3将被激活使用。



## Q12客制化键盘多媒体按键说明

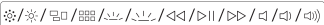
按键说明		按键说明	
Scr-	屏幕亮度-	RGBMD+	下一个RGB灯光模式
Scr+	屏幕亮度+	RGBMD-	上一个RGB灯光模式
Bright-	键盘背光亮度-	Hue+	下一个灯光颜色
Bright+	键盘背光亮度+	Hue-	上一个灯光颜色
Prvs	上一曲	RGB SPI	RGB灯光速度+
Play	播放/暂停	RGB SPD	RGB灯光速度-
Next	下一曲	MO(1)	按住MO(1),层1将被激活
Mute	静音	MO(3)	按住MO(3),层3将被激活
Vol-	音量-		
Vol+	音量+		
RGB Toggle	关闭/开启键盘背光		

### 第三方输入工具与键盘不兼容。

答：由于Windows/Android操作系统的兼容性、版本、品牌和驱动程序，使用键盘时，第三方输入工具可能会受到影响。请确保您的操作系统和驱动程序是最新的。

### 某些多媒体键或功能键在设备上不起作用。

答：由于设备的兼容性，系统版本，驱动程序等原因，某些多媒体键或者功能键可能无法使用。

\*多媒体键：

功能键：

### 安全预防措施：

防止儿童接触到产品、附件和包装部件，以防止任何意外和窒息的危险。

保持产品干燥，避免腐蚀。

不要将产品暴露在低于-10°C (5°F) 或高于50°C (131°F) 的极端温度下，以保持键盘的寿命。

**Keychron, Inc.**  
**Dover, DE 19901, United States**

<https://www.keychron.com>

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Support@keychron.com

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Keychron设计

中国制造

中国区总代：渴创技术（深圳）有限公司  
执行标准：GB/T 14081-2010  
售后热线：400-0766268  
地 址：深圳市龙岗区坂田街道大发埔社区  
大发路24号文坑工业区2栋201