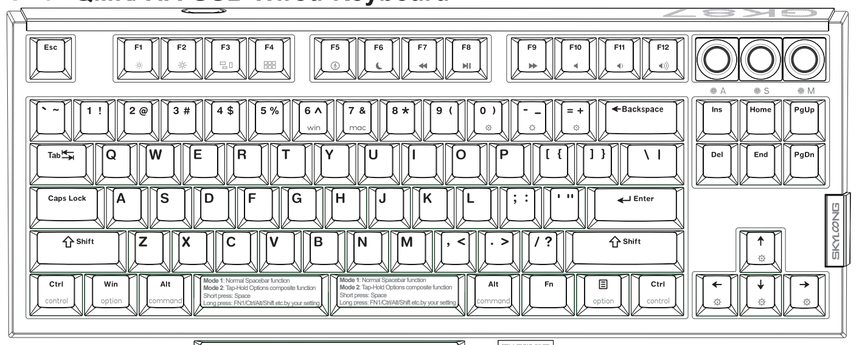
# GK87 QMK/VIA-USB Wired Keyboard

SKYLOONG®




★The above keycap characters are for reference only. The FN additional function needs to be triggered with the FN key combination.

6.25U Space bar replacement accessories

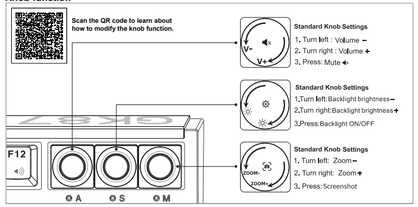
**Scan the QR code to learn about the split space tutorial.**

**Keyboard status indicator light**

| Caps Lock | Scroll Lock | MAC or other |
|---|---|---|
| A | S | M |

## Knob function

**Scan the QR code to learn about how to modify the knob function.**

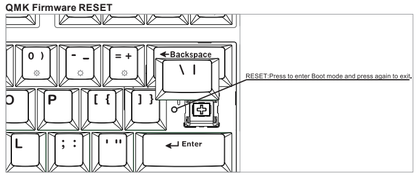



**Standard Knob Settings**
1. Turn left : Volume –
2. Turn right : Volume +
3. Press: Mute

**Standard Knob Settings**
1.Turn left: Backlight brightness–
2.Turn right: Backlight brightness+
3.Press: Backlight ON/OFF

**Standard Knob Settings**
1. Turn left: Zoom–
2. Turn right: Zoom+
3. Press: Screenshot

## QMK Firmware RESET




RESET:Press to enter Boot mode and press again to exit.

## Backlight Settings

| Key | Function | Key | Function |
|---|---|---|---|
| FN + ↓ | Backlight brightness – | FN + 0) | Backlight ON/OFF |
| FN + ↑ | Backlight brightness + | FN + "_ | Previous Backlight:Single light version/Monochrome |
| FN + ← | Backlight Effect Speed – | FN + ≡+ | Next Backlight :Single light version/breathing |
| FN + → | Backlight Effect Speed +（Backlight effect speed settings do not accepted Single light version.） | | |

## Mode function settings

| Key | Win mode | Mac mode | |
|---|---|---|---|
| F1 | F1 | Screen brightness – for Mac | (FN + F1=F1) |
| F2 | F2 | Screen brightness + for Mac | (FN + F2=F2) |
| F3 | F3 (FN + F3=Desktop Switching) | for Mac | (FN + F3=F3) |
| F4 | F4 (FN + F4=Search) | for Mac | (FN + F4=F4) |
| F5 | F5 (FN + F5=Assistant) | One click call Siri for Mac | (FN + F5=F5) |
| F6 | F6 (FN + F6=Hibernate) | Hibernate | (FN + F6=F6) |
| F7 | F7 (FN + F7=Previous) | Previous | (FN + F7=F7) |
| F8 | F8 (FN + F8=Pause) | Play/Pause | (FN + F8=F8) |
| F9 | F9 (FN + F9=Next) | Next | (FN + F9=F9) |
| F10 | F10 (FN + F10=Mute) | Mute | (FN + F10=F10) |
| F11 | F11 (FN + F11=Volume –) | Volume – | (FN + F11=F11) |
| F12 | F12 (FN + F12=Volume +) | Volume + | (FN + F12=F12) |
| FN + 6^ | Switch to Win mode | | |
| FN + 7& | Switch to Mac mode | | |

6-Key Rollover and N-Key Rollover Shortcut key：Shift(L)+N+Shift(R)

Factory Reset: Press and hold the ESC key while plugging in the USB for 5 seconds. The keyboard will be reset to factory mode. Re-insert the USB cable to enter normal working mode.

Firmware update:Hold down the ESC key while inserting USB or pressing the RESET button on the keyboard to enter BOOT mode;when the M indicator light flashes,open qmk_toolbox.exe,select the corresponding firmware, and click flash to update the firmware.

VIA key value mapping: You can visit https://usevia.app to modify key values and lighting effects;
If VIA cannot recognize the keyboard, please download the corresponding keyboard JSON file from github and load it to VIA
GK87 QMK/VIA：https://github.com/JZ-Skyloong/VIA_keyboards/tree/gk87_bl/v3/skyloong/gk87/bl
GK87 VIA Optical： https://github.com/JZ-Skyloong/VIA_keyboards/tree/gk87_pbt/v3/skyloong/gk87/pbt

# GK87 QMK/VIA-USB有线键盘

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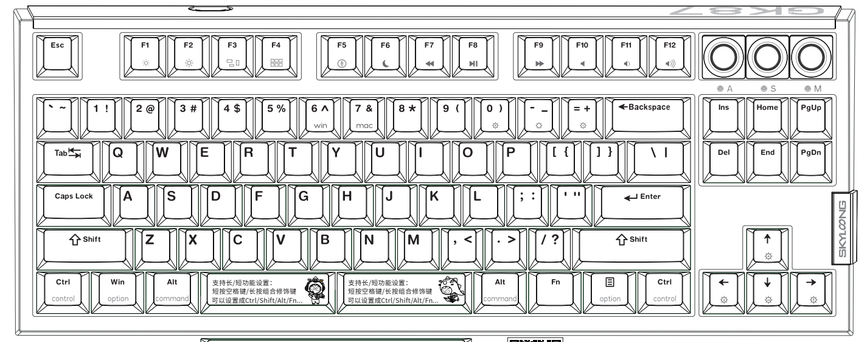



★以上键帽字符和图案仅供参考，以实物为准。上图附加功能需要配合FN组合键或者模式切换后才能触发。

也可更换传统长空格配件，变身传统长空格键功能

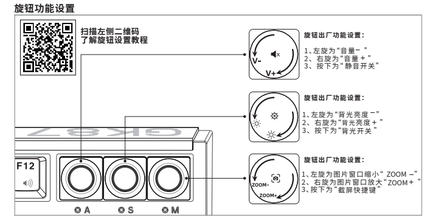
**扫描左侧二维码了解分裂空格设置教程**

**键盘状态指示灯**

| 大小写 | ScrollLock | Mac或其他状态 |
|---|---|---|
| A | S | M |

## 旋钮功能设置

**扫描左侧二维码了解旋钮设置教程**

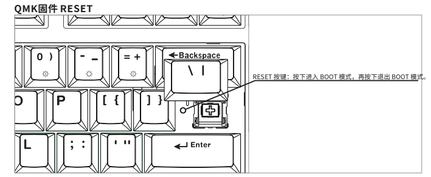



**旋钮出厂功能设置：**
1、左旋为“音量－”
2、右旋为“音量＋”
3、按下为“静音开关”

**旋钮出厂功能设置：**
1、左旋为“背光亮度－”
2、右旋为“背光亮度＋”
3、按下为“背光开关”

**旋钮出厂功能设置：**
1、左旋为图片窗口缩小“ ZOOM －”
2、右旋为图片窗口放大“ ZOOM＋”
3、按下为“截屏快捷键”

## QMK固件 RESET




RESET 按键：按下进入 BOOT 模式，再按下退出 BOOT 模式。

## 背光控制

| 按键 | 功能 | 按键 | 功能 |
|---|---|---|---|
| FN + ↓ | 背光亮度－ | FN + 0) | 背光开关ON/OFF |
| FN + ↑ | 背光亮度＋ | FN + "_ | 上一组灯效（单光版为常亮灯效） |
| FN + ← | 背光变换速度－（单光版无此功能） | FN + ≡+ | 下一组灯效（单光版为呼吸灯效） |
| FN + → | 背光变换速度＋（单光版无此功能） | | |

## 模式功能键

| 按键 | Win 模式 | | Mac 模式 | |
|---|---|---|---|---|
| F1 | F1 | | Mac专用快捷键 屏幕亮度－ | (FN + F1=F1) |
| F2 | F2 | | Mac专用快捷键 屏幕亮度＋ | (FN + F2=F2) |
| F3 | F3 | (FN＋F3=桌面切换) | Mac专用快捷键 | (FN + F3=F3) |
| F4 | F4 | (FN＋F4=搜索) | Mac专用快捷键 | (FN + F4=F4) |
| F5 | F5 | (FN＋F5=语音助手) | Mac专用快捷键 一键呼叫Siri | (FN + F5=F5) |
| F6 | F6 | (FN＋F6=电脑休眠) | 电脑休眠 | (FN + F6=F6) |
| F7 | F7 | (FN＋F7=上一曲) | 上一曲 | (FN + F7=F7) |
| F8 | F8 | (FN＋F8=暂停) | 暂停 | (FN + F8=F8) |
| F9 | F9 | (FN＋F9=下一曲) | 下一曲 | (FN + F9=F9) |
| F10 | F10 | (FN+ F10= 静音) | 静音 | (FN + F10=F10) |
| F11 | F11 | (FN＋F11= 音量－) | 音量－ | (FN + F11=F11) |
| F12 | F12 | (FN＋F12= 音量+) | 音量+ | (FN + F12=F12) |
| FN + 6^ | 切换到Win模式 | | | |
| FN + 7& | 切换到Mac模式 | | | |

标准六键/全键无冲模式切换：Shift(L)+N+Shift(R)

重置键盘：先按住 ESC 键再插入 USB 保持 5S，键盘将重置到出厂模式，重新插拔USB线即可进入正常工作模式。

固件更新操作：按住 ESC 键再插入 USB 或者按下 RESET 按键，键盘进入 BOOT 模式； M 指示灯闪烁。打开 qmk_toolbox.exe，选择对应固件，点击 flash 即可更新固件。

VIA键值映射：可以访问 https://usevia.app，修改键值、灯光效果；如果 VIA 无法识别到键盘，请从 github 下载相应键盘 JSON 文件并加载到 VIA；
GK87 QMK/VIA：https://github.com/JZ-Skyloong/VIA_keyboards/tree/gk87_bl/v3/skyloong/gk87/bl
GK87 VIA Optical： https://github.com/JZ-Skyloong/VIA_keyboards/tree/gk87_pbt/v3/skyloong/gk87/pbt