Athena 75

使用手册
User Manual



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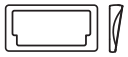
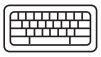
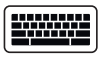
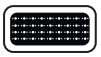
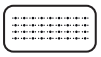
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▶ 物品清单 Item list

编号 Number		名称 Name	数量 Quantity
#1		键盘外壳 Keyboard case	×1
#2		配重 Weight bar	×1
#3		盖板 Cover plate	×1
#4		定位板 Plate	×1
#5-1		夹层棉 PCB foam	×1
#5-2		轴下垫 Switch pad	×1
#5-3		PET声优垫 PET sound pad	×1
#5-4		底棉 Case foam	×1
#5-5		PET绝缘垫 PET insulating pad	×1
#6		主板 PCB	×1
#7		子板 Daughterboard	×1
#8		gasket硅胶 Silicone gasket	×1
#9		特氟龙 force break Teflon force break	×1
#10-12		M2-6 杯头螺丝 M2-6 cup head screw	×1
#11		灯牌&按钮 Light plate & Buttons	(已装配) ×1
#12		LCD屏幕 LCD SCREEN	(已装配) ×4
#13		装饰模块 Decorative module	(已装配) ×1
#14		橡胶脚垫 Rubber feet	×1
#15		定位板硅胶垫片 Plate screw silicone film	×1

▶ 物品清单 Item list

编号 Number		名称 Name	数量 Quantity
#16		防尘罩 Dust cover	×1
#17		数据线 Data cable	×1
#18		螺丝刀 Screwdriver	×1
#19		卫星轴 Stabilizer	×1
#20		键盘包 Keyboard case	×1

Tips: 上述非标准配置,具体需以选配形式提供
The above non-standard configurations are available only through customization

▶ LCD 屏更换 GIF 图 LCD screen replacement

请按照以下步骤更换键盘 LCD 屏上的 GIF 图:

Please follow the steps below to update your keyboard LCD GIF:

步骤一：打开 https://openkbd.github.io/tools/athena/，上传 GIF 文件。

Step 1: Open https://openkbd.github.io/tools/athena/ and upload your GIF file.

步骤二：确认裁剪并处理。

Step 2: Confirm cropping and processing of the GIF.

步骤三：首先调整合适的帧数，再选择 GIF0-5 ,文件自动下载。

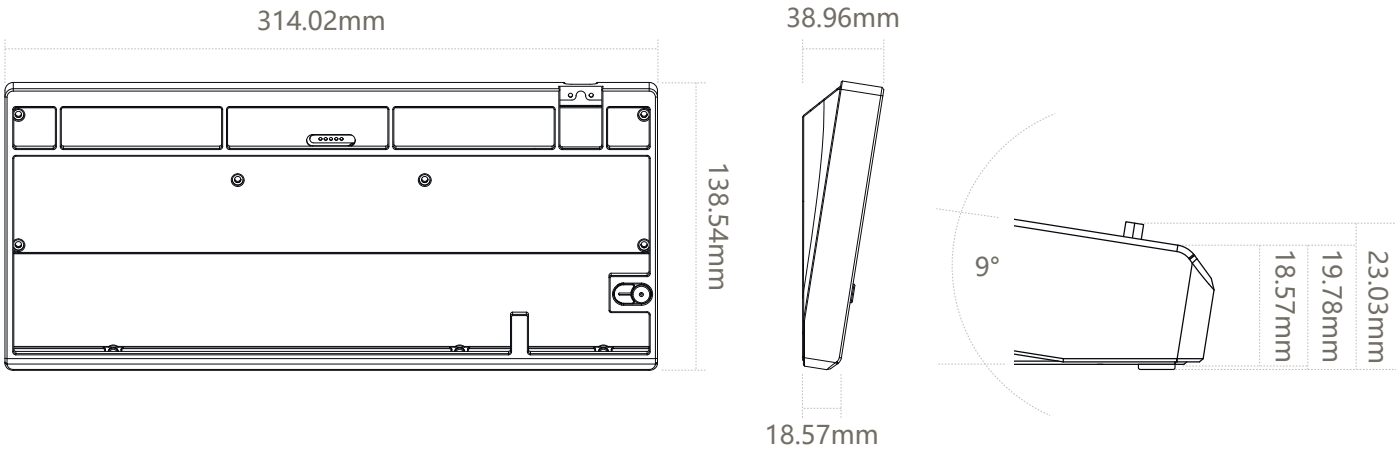
Step 3: Adjust the frame count as needed, then select GIF0–GIF5. The corresponding file will be automatically downloaded.

步骤四：确保键盘已正常连接电脑，同时按下LShift+RShift+LCtrl+B，电脑弹出 U 盘，

将下载好的 uf2 文件托入 U 盘，等文件传输完成 U 盘自动弹出后，即可正常使用。

Step 4: Ensure the keyboard is connected to your computer, simultaneously press the **LShift + RShift + LCtrl + B**. The USB drive volume will then eject on your computer. Drag the downloaded uf2 file into it, and once the transfer finishes and the USB drive ejects automatically, the device is ready for use.

▶ 尺寸规格 Size specification



Tips: 请及时检查键盘外观是否有运输过程中造成的伤痕及损伤,如发现任何缺陷请联系客服
Please promptly check the keyboard for any scratches or damage caused during shipping.
If any defects are found, please contact Customer Service

▶ 按键测试 Key test

MX PCB & EC PCB连接到电脑，打开 **https://vial.rocks**，从菜单栏中选择 **Matrix tester**，随后使用绝缘镊子短接每一个键位的热插拔轴座，测试是否正常触发。

Connect the MX PCB & EC PCBto your computer, open **https://vial.rocks/** , select "**Matrix tester**" from the menu bar, then use insulated tweezers to short-circuit each hot-swappable switch socket to test for normal trigger functionality.

▶ 软件支持 Software support

单模热插拔、焊接、EC PCB

Single Mode Hot-swap & Solder & EC PCB:

Vial: **https://vial.rocks/**

Via: **https://usevia.app/test**

Ava: **https://ydkb.io/ava/**

双模热插拔 PCB

Dual Mode Hot-swap PCB:

ZMK: **https://zmk.studio/**

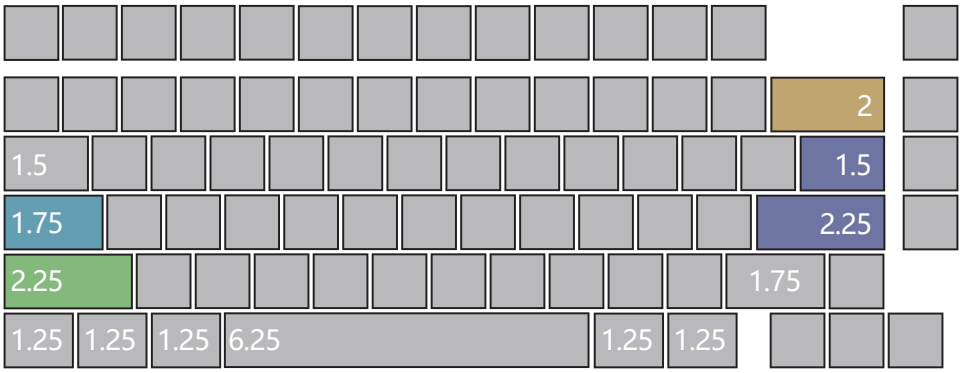
ZMK说明书 ZMK Instruction Manual: **openkbd.com**

固件下载 Firmware Download: **http://vial.ydkb.io**

支持配列 Supported layout

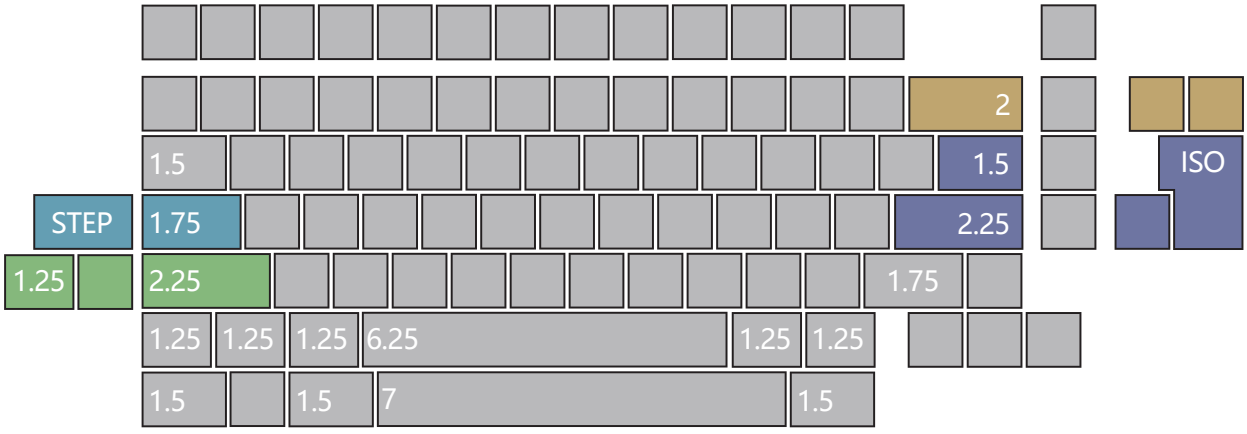
RGB 热插拔主板

RGB Hotswap PCB



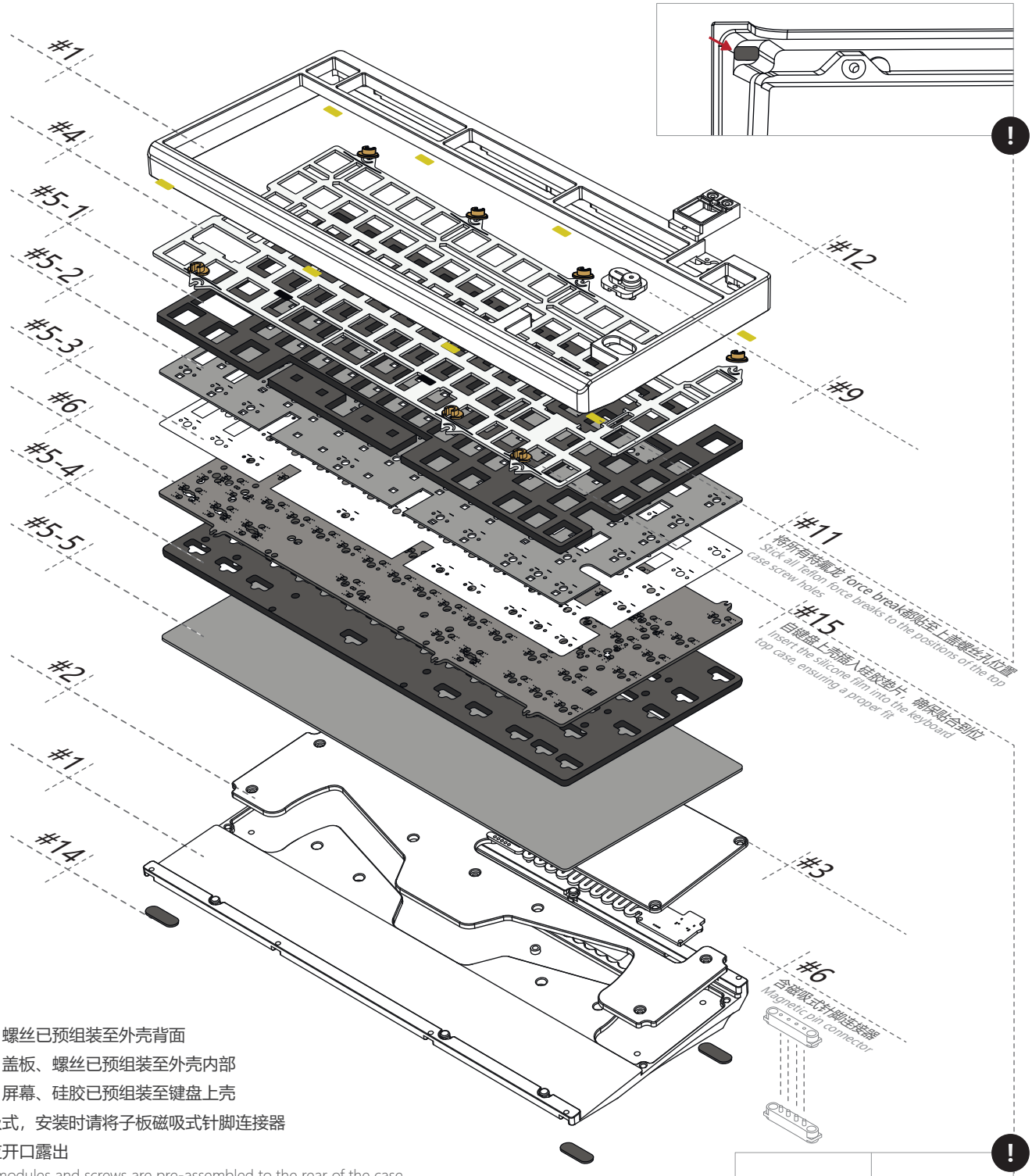
焊接 / 热插拔主板

Solder / Hotswap PCB



I 键盘结构

I Keyboard structure



TIPS:

*装饰模块、螺丝已预组装至外壳背面

*内部配重、盖板、螺丝已预组装至外壳内部

*正面铭牌、屏幕、硅胶已预组装至键盘上壳

*子板为磁吸式，安装时请将子板磁吸式针脚连接器从盖板对应开口露出

*Decorative modules and screws are pre-assembled to the rear of the case.

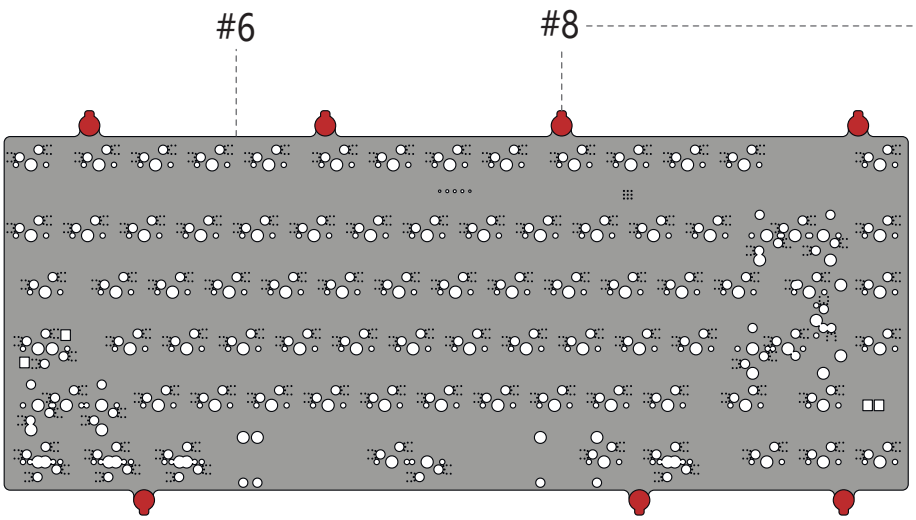
*The Internal weight, cover, screws are pre-assembled to the interior of the case.

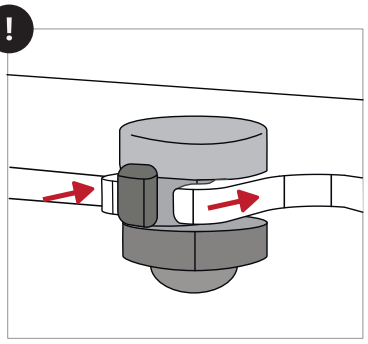
*The front badges、screen、silicone are pre-assembled on the top case.

*The daughterboard is of magnetic type. During installation, please expose the magnetic pin connector of the daughterboard through the corresponding opening on the cover plate.

II-I PCB gasket 结构

II-I PCB gasket structure





将gasket硅胶卡入主板指定位置

Insert the silicone gasket into the designated position on the PCB

请注意区分gasket硅胶的正反以及方向

Please distinguish the front and back of the silicone and the direction

TIPS:

*硅胶 gasket 结构

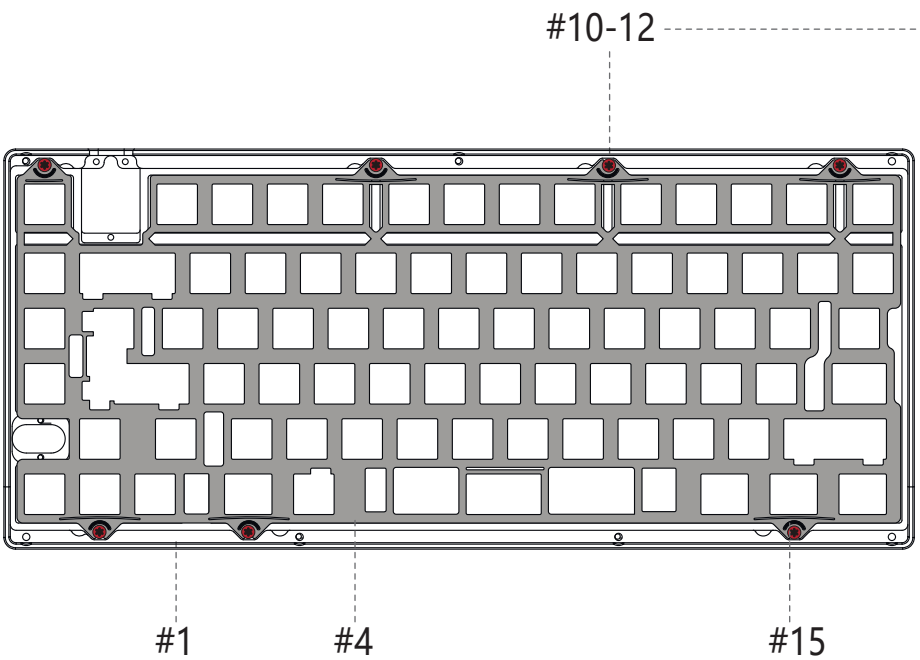
*敲击手感轻柔，打字音效更柔和，如需硬核手感请使用下方Top Mount

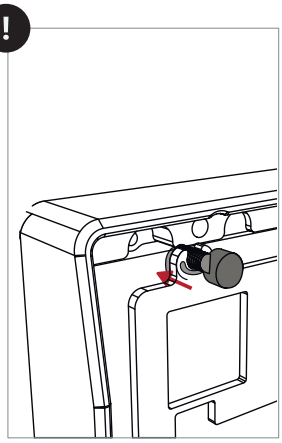
*Silicone gasket structure

*The typing feel is soft, and the typing sound is gentler. For a firm, tactile typing experience, please refer to Top Mount below.

II-II Top Mount 结构

II-II Top Mount structure



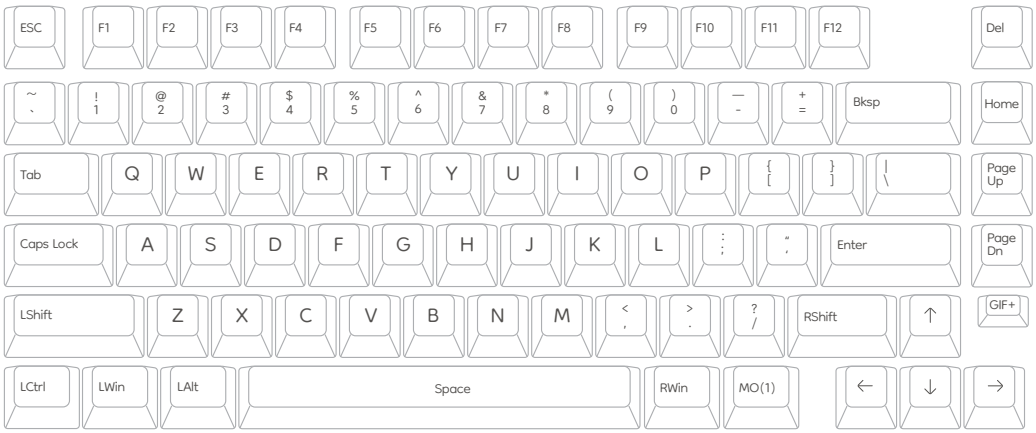


将螺丝拧入定位板指定位置

Screw the M2-4 cup head screws into the specified spots on the plate

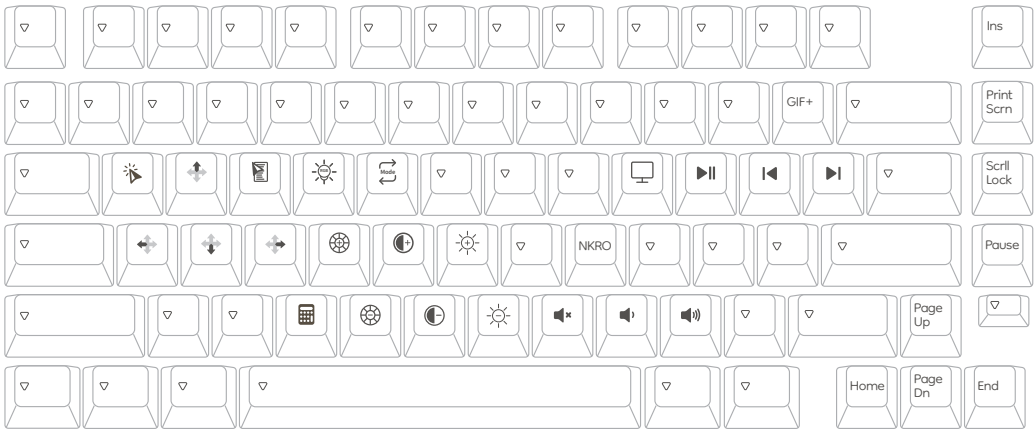
默认键位 Default keymap

层 0
Layer 0



MO(1) 切换到层1,松开返回默认层
Hold enter the layer 1
Release to the default layer

层 1
Layer 1



播放 / 暂停
Play /Pause

计算器快捷键
Cauculatorshortcut key

静音键
Mute botton

NKRO 全键无冲功能键
Full n-key rollerover function key

鼠标左键 / 右键
Left / Rignt click

光标上 / 下移
Cursor up / down

光标左 / 右移
Cursor left / right

上 / 下一曲
Privious / Next track

RGB 灯光色相调节
RGB light hue adjustment

RGB 灯光饱和度调节
RGB light saturation adjustment

RGB 灯光亮度调节
RGB light brightness adjustment

音量增大 / 减小
Volume up / down

正向切换灯光效果
Forward lighting effect toggle

RGB 灯光开关
RGB light switch

LCD 屏幕开关
LCD screen switch