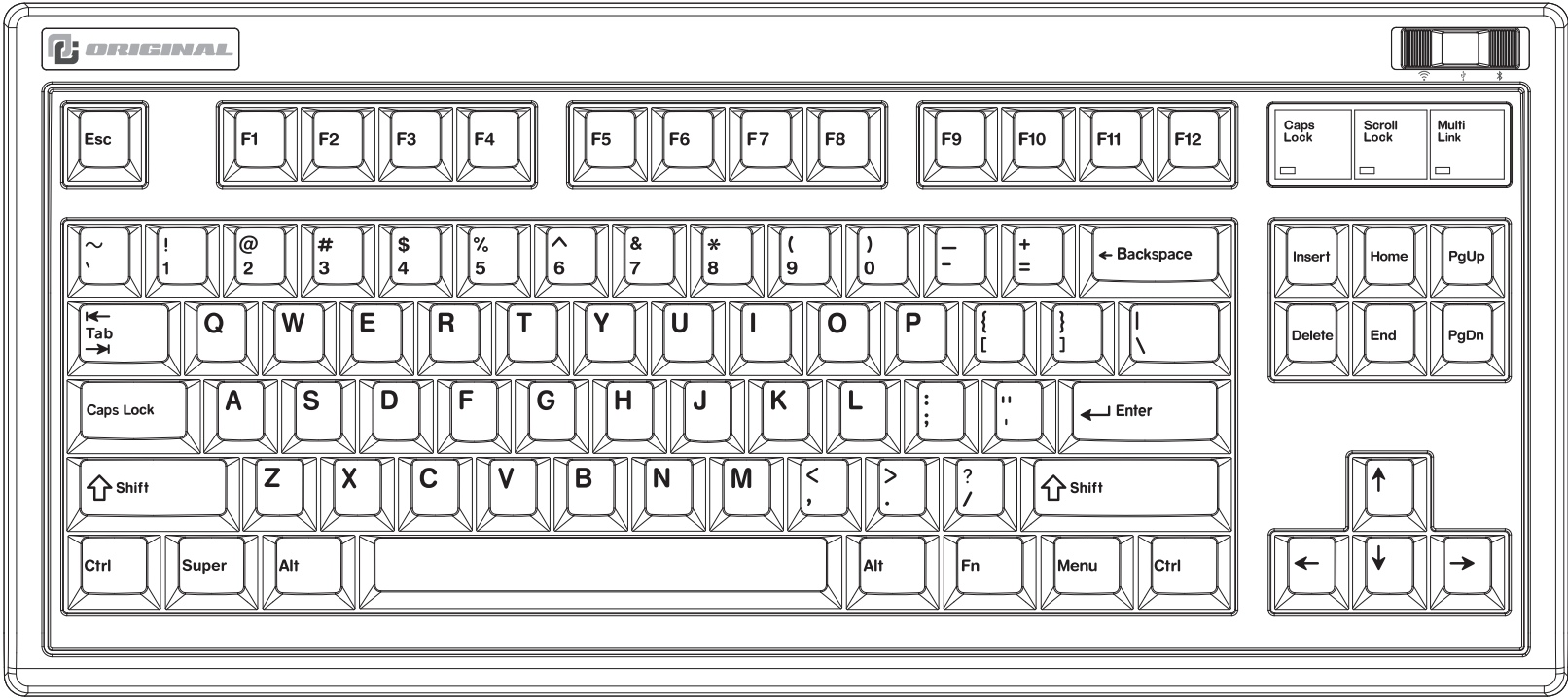


## WIN 模式

OG87:2.4G&有线&蓝牙 三模版

FL·ESPORTS

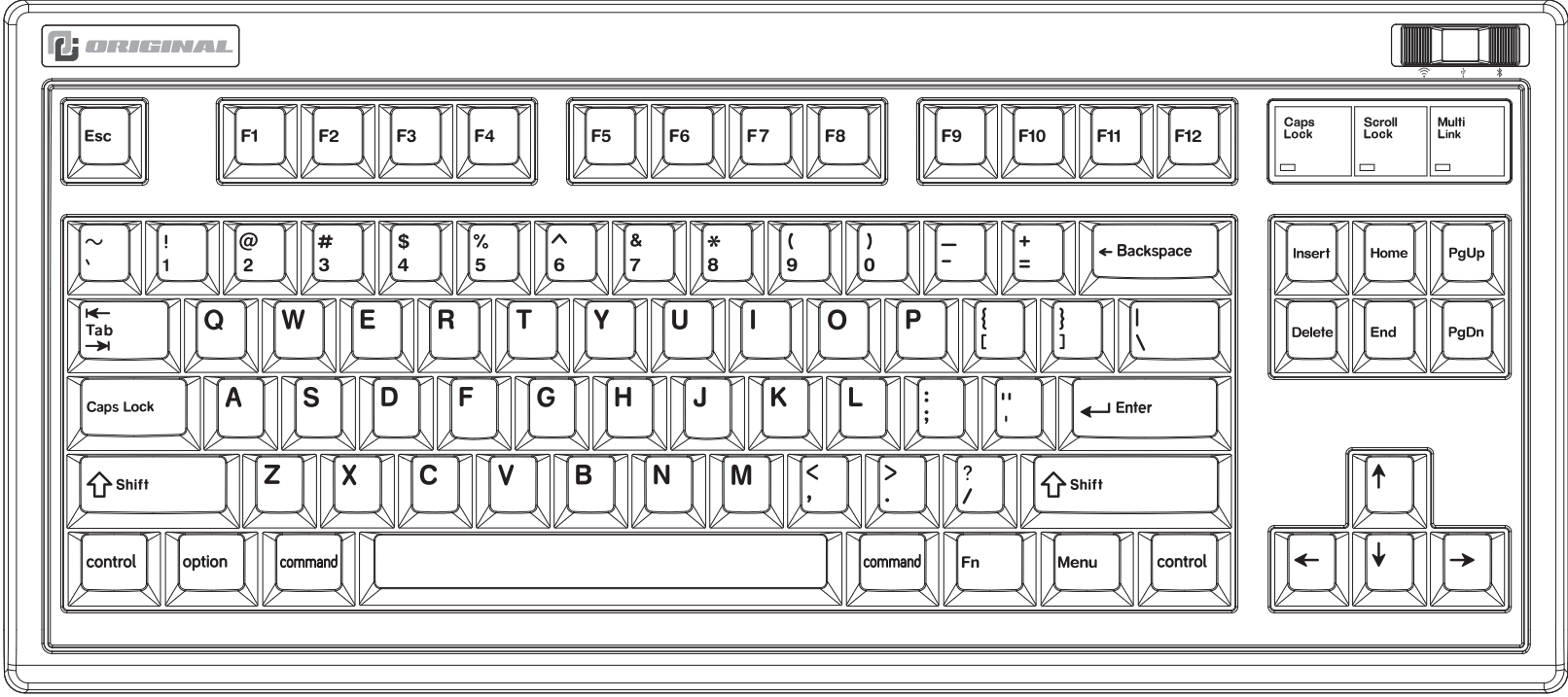


\*妙用小技巧:可通过前段拨动开关,快速进行2.4G/有线/蓝牙 模式切换。  
\*以上键帽字符和图案仅供参考,请以实物为准。

## MAC 模式

OG87:2.4G&有线&蓝牙 三模版

FL·ESPORTS



\*妙用小技巧:可识别Win/Mac系统,键盘自动做出切换。  
\*以上键帽字符和图案仅供参考,请以实物为准。

## FN 组合键功能说明

共用部分

按 键	功 能 描 述
FN+ESC	长按2秒恢复出厂(在MAC系统下短按1次进行FN+F区的逻辑切换)
FN+左WIN键	同锁住左WIN和APP (IOS_MAC系统下自动解锁)
FN+~`	长按2秒切换 Win/Mac系统
FN+右CTRL	切换灯光模式
FN+右ALT	切换灯光方向
FN+右SHIFT	切换灯光颜色
FN+/?	切换背景颜色
FN*DEL	直接进入常亮模式
FN*INS	进入/退出省电模式
FN+上下方向键	调整背光亮度,向上调亮,向下调暗
FN+左右方向键	调整背光变化速率,向左调慢,向右调快
FN+空格键	查询当前电量 (PS:按住组合键时显示电量,松开后回到当前灯效,只能在电池单独供电的情况下才能查询)
FN+1	短按切换到蓝牙设备一,长按3S进入配对
FN+2	短按切换到蓝牙设备二,长按3S进入配对
FN+3	短按切换到蓝牙设备三,长按3S进入配对
FN+4	长按3秒进入2.4G配对接收器模式
FN+Z\X	自定义灯光1\2
FN+C	录制,保存

Windows\_Android 系统模式下

按 键	功 能 描 述
FN+F1	显示器亮度-
FN+F2	显示器亮度+
FN+F3	WIN+TAB(任务控制)
FN+F4	WIN+E(打开我的电脑)
FN+F5	邮件
FN+F6	主页
FN+F7	上一曲
FN+F8	播放\暂停
FN+F9	下一曲
FN+F10	静音
FN+F11	音量-
FN+F12	音量+
FN+I	PRTSC
FN+O	SCRLK
FN+P	PAUSE

IOS\_MAC系统模式下

(短按一次FN+ESC组合键进行FN+F区的逻辑切换)

按 键	功 能 描 述
FN+F1	显示器亮度-
FN+F2	显示器亮度+
FN+F3	任务控制
FN+F4	呼出窗口
FN+F5	默认
FN+F6	默认
FN+F7	上一曲
FN+F8	播放\暂停
FN+F9	下一曲
FN+F10	静音
FN+F11	音量-
FN+F12	音量+
CTRL	control
WIN	option
ALT	command

## 2.4G\有线\蓝牙模式指示灯说明

2.4G模式:

拨动开关切换到2.4G模式,出厂已1对1配对OK。如需重新配对接收器,长按FN+4,充电模式灯绿灯快闪(3次/秒)搜索接收器,连接成功后绿色常亮3秒后熄灭,找不到配对接收器60秒后,退出对码,充电模式灯熄灭。键盘回连时间为10秒充电模式灯绿灯慢闪,回连失败充电模式灯熄灭,键盘进入睡眠。回连成功后,充电模式灯绿灯常亮3秒后熄灭,不使用键盘的情况下下120秒后关闭背光灯,10分钟键盘进入睡眠。

有线模式:

拨动开关切换到有线模式时,充电模式灯显示充电状态,变成红色或熄灭(代表正在充电或充满。)

蓝牙模式:

拨动开关切换到蓝牙模式,蓝牙连接组合键为1,2,3这三个按键。FN+1/2/3 长按3秒为广播,单独短按为切换蓝牙设备,按组合键3秒进入配对状态后,充电模式灯(对应蓝牙设备1 2 3颜色)快闪(3次/秒),配对成功后充电模式灯常亮3秒后熄灭。找不到配对设备60秒后,退出配对,充电模式灯熄灭。键盘回连时间为10秒充电模式灯慢闪,回连失败指示灯熄灭,键盘进入睡眠。键盘回连成功后,充电模式灯常亮3秒后熄灭,不使用键盘的情况下下120秒后关闭背光灯,10分钟后键盘进入睡眠。

蓝牙设备1、2、3对应颜色如下:

- (a) 蓝牙1-浅蓝 (B:255 G:0) 对应蓝牙名称:OG87 BT 1
- (b) 蓝牙2-浅蓝 (B:255 G:125)对应蓝牙名称:OG87 BT 2
- (c) 蓝牙3-冰蓝 (B:255 G:255)对应蓝牙名称:OG87 BT 3

充电模式:

当插上USB线后,指示灯红色常亮,表示正在充电,当电压达到4.2V时指示灯熄灭,提示电已充满。不论拨动开关是否打开,当插上USB线时都能够充电。

低压模式:

当电量等于小于20%时,充电模式灯以红色闪烁的方式提示用户进行充电(注:当电池电压低于3.1V后,键盘就直接停止工作,且不可以唤醒。此时敲击按键时键盘就只有充电指示灯闪烁提示,其他无反应,一定要插上USB线充电到3.1V以上才可以唤醒正常工作。)

注意事项:

- 1.连接设备时,要注意观察对码指示灯,一定是在指示灯快闪的情况,设备才能搜索蓝牙键盘,如果是慢闪的状态,代表键盘处于回连状态(此时设备是无法搜索键盘的),要再长按一下对码组合键(FN+1或2或3),看到指示灯快闪后才松开,此时设备就可以正常搜索到蓝牙键盘了。
- 2.特别注意:键盘工作电压为DC 5V,因此禁止使用高于5V的电源适配器去给键盘充电,否则会烧坏元件导致键盘不能正常工作!

## 产品参数

产品类型:OG87 RGB 双系统三模机械键盘

产品尺寸:381.8mm (L) x 169mm (W) x 40mm (H)

按键数量:84键

键盘功能:全键无冲突

工作电压:5V

连接方式:TYPE-C

按键寿命:超过5000万次

触发键程:1.5~2.4mm

线长:1.6米

键盘接口:USB

制造商:东莞市腹灵竞技电子有限公司

产地:广东省东莞市石龙镇王屋洲工业区B栋

网址:www.flesports.com

www.flesportsglobal.com

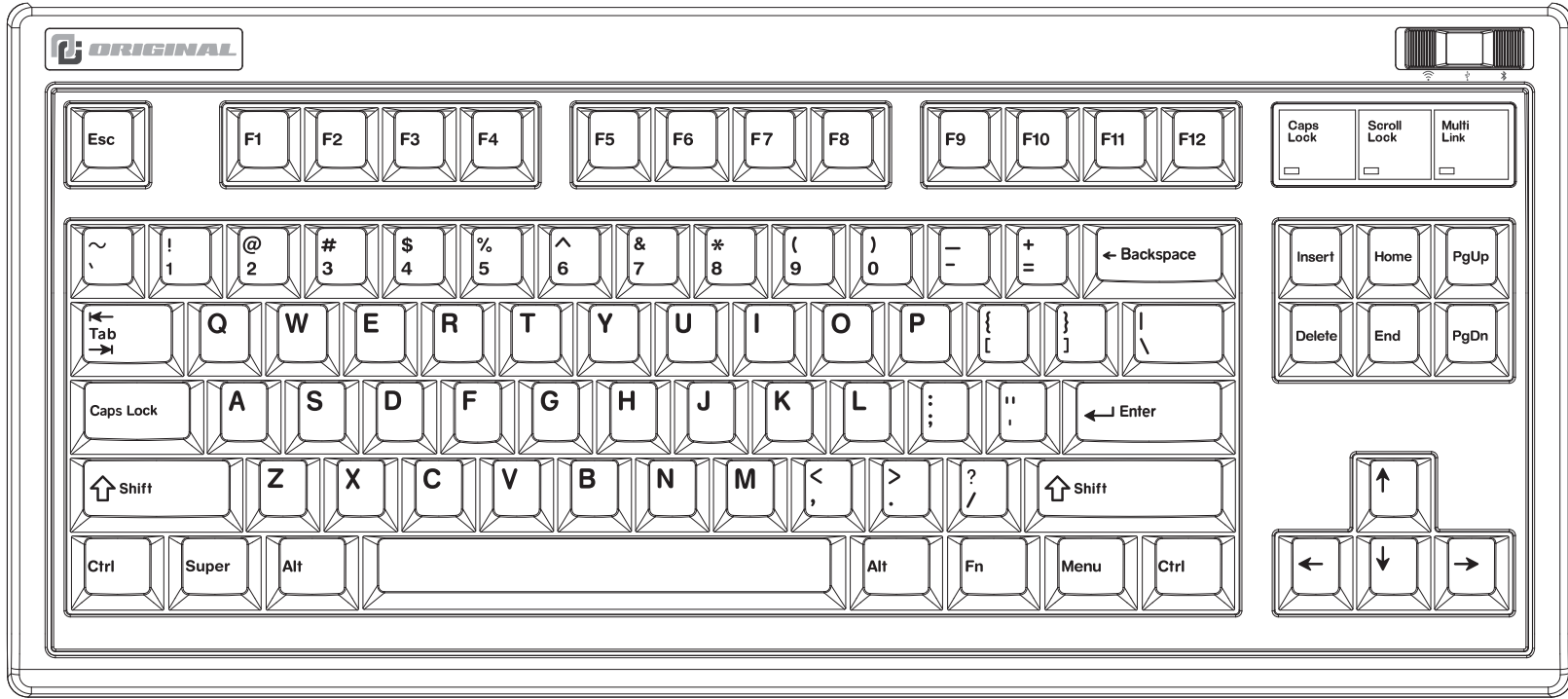


腹灵官网

## Better for WIN

OG87: 2.4G&WIRED&BT THREE MODE

FL·ESPORTS

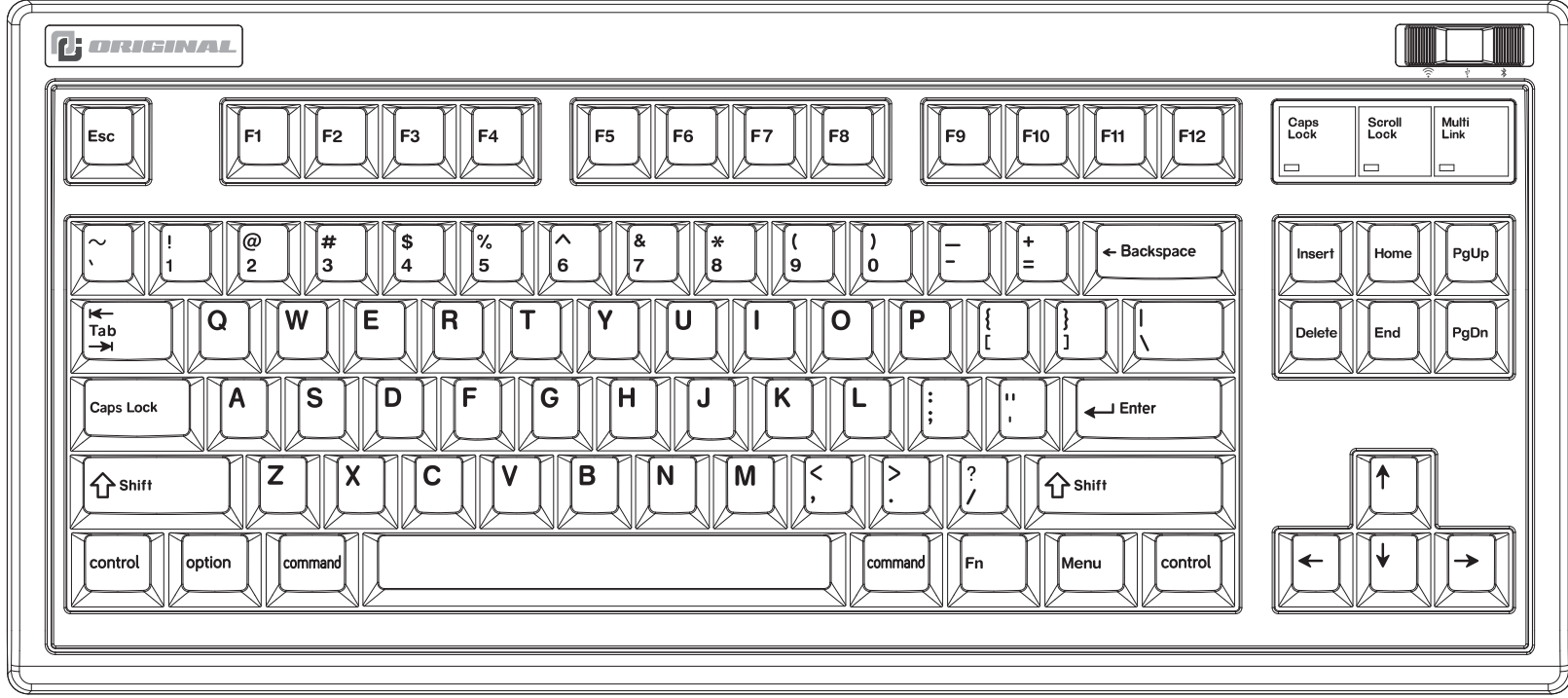


\*Tips: Quickly switch 2.4g/wired/Bluetooth mode by toggle switch in front side of keyboard.  
\*The above keycap layout is for reference only, please see the real product.

## Better for MAC

OG87: 2.4G&WIRED&BT THREE MODE

FL·ESPORTS



\*Tips: The keyboard can be recognized Win/Mac system and can be switched automatically.  
\*The above keycap layout is for reference only, please see the real product.

## FNcombination keys manual

COMMON PART

Keys	Function description
FN+ESC	Long press for 2 seconds to restore factory mode, Press once shortly to switch the way to apply F1-F12 funtion W/ FN or W/O FN in the MAC system
FN+Left WIN	Lock or unlock the WIN key (IOS_MAC System automatically unlocked)
FN+~`	Hold down for 2 seconds to switch to Win/Mac
FN+Right CTRL	Backlight mode switch
FN+Right ALT	Backlight direction switch
FN+Right SHIFT	Backlight color switch
FN+/?	Background color switch
FN*DEL	Go to static backlight
FN*INS	Enter or exit the power saving mode
FN+UP/Down key	Change backlight brightness, up go brighter and down go darker
FN+Left/Right key	Change the backlight speed, left go slow and right go fast
FN+Backspace	Query the battery power under BT mode, (only if the battery is powered separately)
FN+1	Press to switch to BT device 1, and press for 3S to enter the pairing
FN+2	Press to switch to BT device 2, and press for 3S to enter the pairing
FN+3	Press to switch to BT device 3, and press for 3S to enter the pairing
FN+4	Pressing FN combination key in 3seconds to enter 2.4G paired receiver mode
FN+Z\X	Backlight customized key 1\2
FN+C	Customized backlight recording save

Windows\_Android System model

Keys	Function description
FN+F1	Display brightness -
FN+F2	Display brightness +
FN+F3	WIN+TAB ( Mission control )
FN+F4	WIN+E ( Turn on my computer )
FN+F5	Email
FN+F6	Homepage
FN+F7	PREV
FN+F8	Play / Pause
FN+F9	NEXT
FN+F10	Mute
FN+F11	Volume down
FN+F12	Volume up
FN+I	PRTSC
FN+O	SCRLK
FN+P	PAUSE

IOS\_MAC System model

(Press FN+ESC once shortly to switch the way to apply F1-F12 funtion W/ FN or W/O FN.)

Keys	Function description
FN+F1	Display brightness -
FN+F2	Display brightness +
FN+F3	Mission control
FN+F4	Back to homepage
FN+F5	Default
FN+F6	Default
FN+F7	PREV
FN+F8	Play / Pause
FN+F9	NEXT
FN+F10	Mute
FN+F11	Volume down
FN+F12	Volume up
CTRL	control
WIN	option
ALT	command

## 2.4G\wired\BT mode indicator description

2.4G mode:

Pull the switch to 2.4G mode, factory has paired receiver 1 to 1 ok, but if you need re-pair the dongle, press FN +4, and the green light of the charging indicator will flash to search the receiver. After successful connection, the green light is on for 3s and then off. When the paired dongle cannot be found for 60s, the matching code will be quit and charging indicator will be extinguished. The keyboard reconnection needs 10s, at the same time the green light of charging indicator will flash slowly, and the keyboard will go to sleep when the keyboard fails to connect back. After the reconnection is successful, the green light is on for 3s and then off. When the keyboard is not used, the backlight will be turned off after 120s, and the keyboard will fall asleep after 10min.

Wired mode:

Pull the switch to wired mode, and the charging indicator will be red or off, which shows be charging or full charging.

BT mode:

Change the Button to BT mode, the combination key for BT connection is 1, 2 and 3. Long press FN+1 /2 /3 for 3s to broadcast, short press alone to switch BT devices, press the combination key for 3s to enter the pairing state, and the charging indicator LED color (Corresponding to BT device 1, 2 and 3 colors) will flash. After the pairing is successful, the charging indicator light is on for 3s and then off. When the matching device cannot be found in 60s, the pairing will be quit and charging indicator will be extinguished. The keyboard reconnection needs 10s, at which time the indicator LED will flash slowly, and the keyboard will go to sleep when the keyboard fails to connect back. After the reconnection is successful, the indicator LED is on for 3s and then off. When the keyboard is not used, the backlight will be turned off after 120s, and the keyboard will fall asleep after 10min.

The corresponding colors of BT devices 1, 2 and 3 are as follows:

- (a) BT 1- Blue (B:255 G:0) Corresponding BT name: OG87 BT 1.
- (b) BT 2- Light Blue (b :255 G:125) Corresponding BT name: OG87 BT 2.
- (c) BT 3- Sky Blue (B:255 G:255) Corresponding BT name: OG87 BT 3.

Charging mode:

When the USB cable is plugged in, it means in charging if the indicator light shows in red and it will be off after the voltage reach 4.2V, which means the power has been fully charged. When you plug in the USB cable, it charges whether the bottom toggle switch is on or not.

Low power mode:

When the power is less than 20%, the charging indicator will alternately flash red to prompt the user to charge.

(Note: When the battery voltage is lower than 3.1V, the keyboard will stop working directly, and can not wake up.)

At this time, when the key is hit, the keyboard will only have the charging indicator flashing, and no other response. Be sure to plug in the USB cable to charge to 3.1V above so keyboard could be waked up.)

Matters Need Attention:

1. When Connecting device, pay attention to the code indicator. The device can search for the BT keyboard only when the indicator is flashing quickly. If it is a slow flash state, representing the keyboard in the state to back connect (At this point, the device cannot search for the keyboard), you need to press the code combination one more time (FN +1 or 2 or 3), see the light flash to loosen, the equipment can normal search to the BT keyboard.

2. Note: The operating voltage of the keyboard is DC 5V, so do not use the power adapter higher than 5V to charge the keyboard, otherwise it will burn out the components and cause the keyboard to not work properly.

## Product Spec Data

Product Type: OG87 RGB dual system three mode mechanical keyboard

Product Size: 381.8mm (L) x 169mm (W) x 40mm (H)

Total key number: 84 keys

Keyboard function: All keys anti-ghosting

Working voltage: 5V

Cable connector type: TYPE-C

Switch lifespan: >50 millions

Conduction Travel: 1.5mm~2.4mm

Cable length: 1.6 meters

Keyboard connector type: USB2.0

Manufacturer: DONGGUAN FL ESPORTS ELECTRONICS CO.,LTD.

Address: Building B,Wangwuzhou Industrial Zone,Shilong Town,

Dongguan City,Guangdong,China

Website: www.flesports.com

www.flesportsglobal.com



Official Website