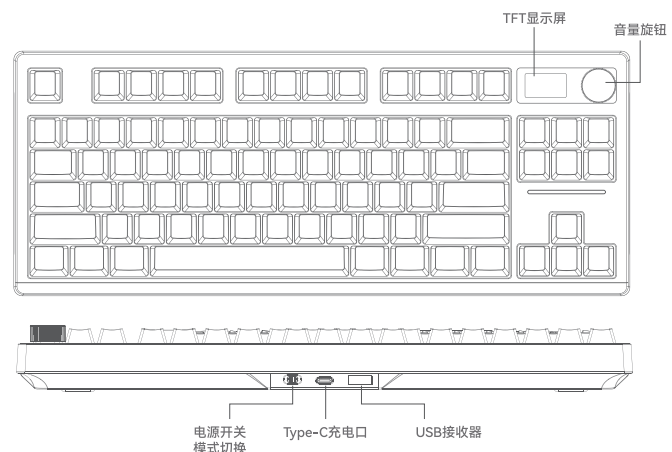


FG87

蓝牙3.0/蓝牙5.0/2.4G有线三模机械游戏键盘
BT 3.0/BT 5.0/2.4G/Wired Three Mode Mechanical Gaming Keyboard

产品使用手册

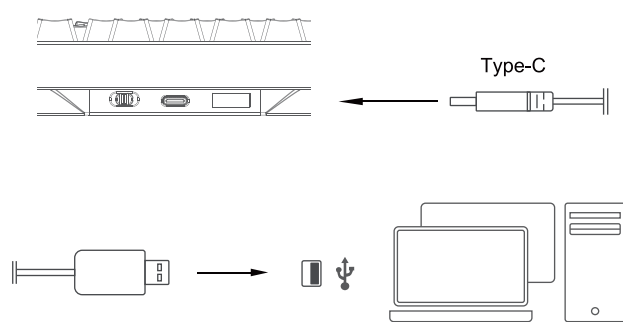
中文版:



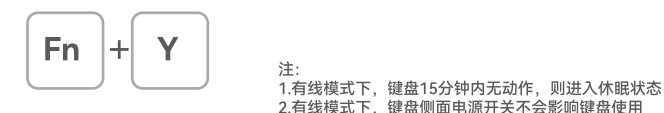
包装内含:
FG87机械键盘 x1、产品使用手册 x1、快速操作指南 x1、拔键器 x1、拔轴器 x1、可替换轴体 x4、数据线 x1、接收器 x1

有线连接模式:

1.使用随包装内附赠的Type-C充电线接口插入键盘, USB接口连接到您的电脑



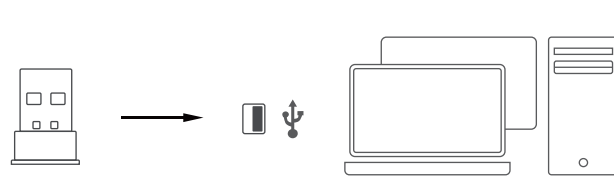
2.短按FN+Y, 切换键盘模式至有线模式



注:
1.有线模式下, 键盘15分钟内无动作, 则进入休眠状态
2.有线模式下, 键盘侧面电源开关不会影响键盘使用

2.4G连接模式:

1.将键盘上的USB接收器取出, 插入电脑或者笔记本电脑上的USB接口



注:
2.4G接收器在出厂设置中已预先配对, 在2.4G模式下首次使用时无需重新配对。

2.短按FN+Q, 切换键盘模式至2.4G模式即可完成连接



重新配对USB接收器

1.长按FN+Q, 直至Q键下的绿灯快速闪烁, 进入2.4G配对模式
2.进入配对模式后, 插入USB接收器, 配对成功后, 绿灯常亮2s后熄灭

注: 配对需要在30秒内完成, 超时将退出配对模式

蓝牙模式连接:

1.长按FN+BT功能键, 直至按键下的指示灯快速闪烁, 进入BT配对模式



BT1连接
指示灯颜色: 红色

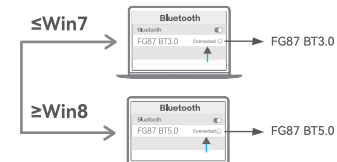


BT2连接
指示灯颜色: 蓝色



BT3连接
指示灯颜色: 黄色

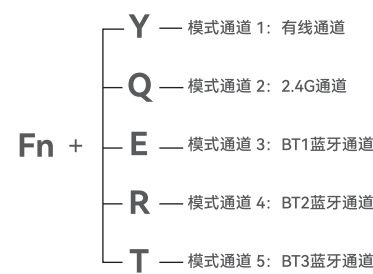
2.打开您的电脑或其他设备的蓝牙, 搜索并选择“FG87 BT3.0”或“FG87 BT5.0”并开始蓝牙配对, 直到完成连接



注:
蓝牙模式兼容市面上大部分蓝牙DONGLE, 笔记本内置蓝牙模块, 蓝牙5.0则需支持Win8或以上系统, 平板及手机等

键盘模式切换方法

1.模式通道: 键盘有5个通道, BT1、BT2、BT3、2.4G、有线, 可同时连接5个设备
2.模式切换: 拨动模式切换开关, 可在有线/2.4G/BT之间切换。BT模式下按Fn+E、R、T可以在BT1、BT2、BT3、切换不同的蓝牙通道



技术规格

连接方式: 有线 / 2.4GHz / BT3.0 / BT5.0 无操作两分钟后进入省电模式电流: 6.1mA
传输距离: ≤10米 关闭背光电流: 75.4mA
电池容量: 4000mAh
充电电流: 484.8mA

2.4G模式常亮电流: 177.6mA 2.4G模式休眠电流: 0.09-0.25mA
BT3.0模式常亮电流: 308.8mA BT3.0模式休眠电流: 0.09-0.25mA
BT5.0模式常亮电流: 309.2mA BT5.0模式休眠电流: 0.09-0.25mA

系统要求

1 x USB端口
蓝牙3.0 / 蓝牙5.0

Windows® 7 / Windows® 8 / Windows® 10 or later 或更高版本;
Android 3.2 or later 或更高版本;
Mac OS 10.5 or later 或更高版本

注: 不同系统版本中的多媒体功能会有部分无效

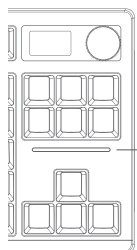
故障排除

1.确保产品的USB无线接收器正确插入电脑的USB端口
2.确保电脑满足最低系统要求
3.产品和无线接收器超出有效连接距离, 请减少产品和接收器之间的距离

注意

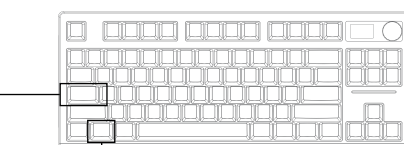
1.清洁产品请使用干燥、柔软的棉织品等
2.不要折叠弯曲本产品
3.不要强行拆卸本产品
4.不要淋雨或暴晒或火烤本产品
5.不要直接用水冲洗本产品

指示灯状态说明



低电压状态: 长条红灯闪烁
充电时状态: 长条红灯常亮10秒后恢复跑马灯模式
充满电状态: 长条绿灯常亮10秒后恢复跑马灯模式

注:
当电池状态指示灯提示电池电量不足时, 请使用随赠的Type-C充电线, 及时为键盘充电, 未避免造成不必要的损失, 请勿使用其他规格的充电线且只允许插入电脑USB接口充电



Cap键: 锁定时, 白灯常亮
L_Win键: 锁定时, 白灯常亮

Fn+组合键功能

Fn + BACKSPACE 查看当前剩余电量(电量显示为数字1-0, 需打开背光)
例: 当前剩余30%电量, 则数字1、2、3亮背光, 其余灯关闭。

Fn + < Or > 调节背光的变换频率(五档切换)

Fn + ^ Or v 调节背光的亮度(五档切换)

Fn + WIN 锁定或解锁Win键

Fn + Z 调节侧边灯光亮度(五档切换)

Fn + X 调节侧边灯光速度(五档切换)

Fn + L_Ctrl 调节侧边灯光模式(共7种模式)

Fn + Insert 切换主背灯光效

Fn + Home 切换主背光颜色

Fn + PG UP 键盘灯光开关/省电模式开关

Fn+多媒体功能键

	Windows 组合键	Mac 组合键
Fn+Esc	长按3s, 恢复出厂设置	
Fn+F1	亮度-	
Fn+F2	亮度+	
Fn+F3	Win+Tab	任务控制
Fn+F4	Win+E	控制台
Fn+F5	部件	键盘背光亮度-
Fn+F6	主页	键盘背光亮度+
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+	

有害物质或元素附表

部件名称	产品中有害物质或元素的名称及含量					
	铅	汞	镉	六价铬	多溴联苯	多溴联苯醚
电磁线/电源	X	O	O	O	O	O
电路板组件	X	O	O	O	O	O
塑料/其他部件	O	O	O	O	O	O
玻璃部件	X	O	O	O	O	O
金属部件	X	O	O	O	O	O
电池	X	O	O	O	O	O

本表格依据SJ/T11364-2014的规定编制。

O: 表示该有害物质在该部件所有均质材料中含量均在GB/T 26572-2011标准规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572-2011标准规定的限量要求。

注1:

本产品大多数的部件采用无毒无害的环保材料制造, 含有有毒有害物质或元素的部件皆因全球发展水平限制而无法实现有毒有害物质或元素的代替。

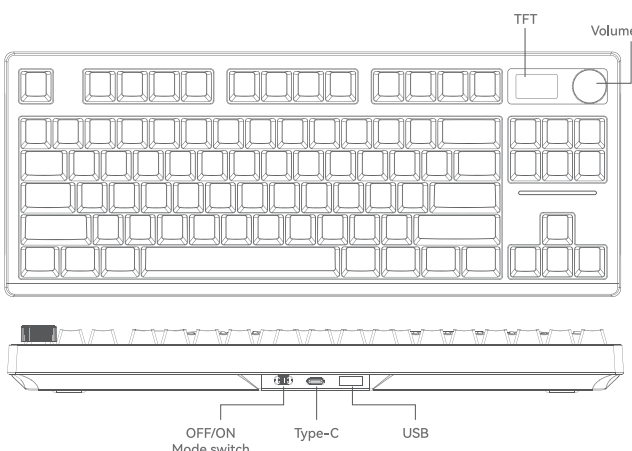
注2:

环保使用期限的参考标准取决于产品正常工作的温度和湿度等条件。环保使用期限(Environmental Protection Use Period)此标识所指期限(十年), 即从生产日期算起, 电子信息产品中含有的有害物质元素在正常使用条件下不会发生外泄或突变, 用户使用该电子信息产品不会对环境造成严重污染或对其人身、财产造成严重损害的期限为十年。

10 本产品的环保使用年限为十年

5 电池部分的环保年限为五年

English:

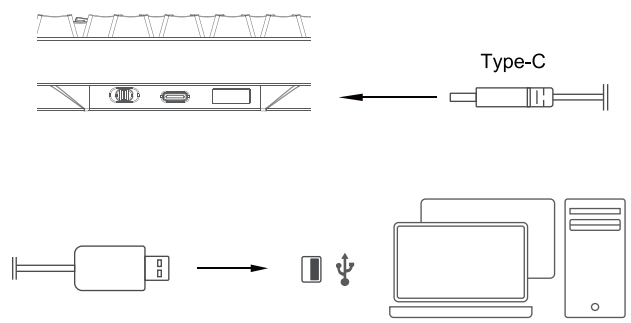


Package inclusion:

FG87 Mechanical keyboard x1, Product User Manual x1, Quick operation Guide x1, Key puller x1, Shaft puller x1, Replaceable axle x4, Data line x1, Receiver x1

Wired connection mode:

1.Use the Type-C charging cable port included with the package to plug in the keyboard and the USB port to connect to your computer



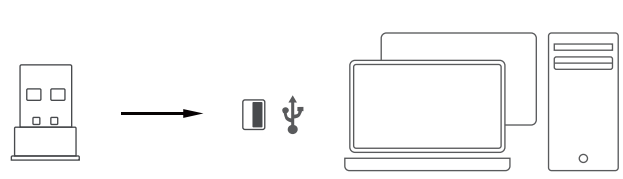
2.Press FN+Y to switch keyboard mode to wired mode



Note:
1. In wired mode, if the keyboard does not move within 15 minutes, it enters the sleep state
2. In wired mode, the power switch on the side of the keyboard does not affect the keyboard

2.4G connection mode:

1.Remove the USB receiver from your keyboard and plug it into the USB port on your computer or laptop



Note:
The 2.4G receiver is pre-paired in factory Settings and does not need to be re-paired when first used in 2.4G mode.

2.Press FN+Q and switch keyboard mode to 2.4G mode to complete the connection



Re-pair the USB receiver

1. Hold down FN+Q until the green light under the Q button blinks quickly to enter the 2.4G pairing mode
2. Enter the pairing mode and insert the USB receiver. After the pairing is successful, the green light will be steady for 2 seconds and then turn off

Note: Matching needs to be completed within 30 seconds, timeout will exit the matching mode

Bluetooth mode connection:

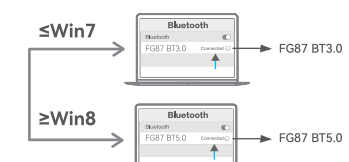
1. Hold down the FN+BT function key until the indicator under the key blinks quickly to enter the BT pairing mode

Fn + E BT1 connection
Indicator color: Red

Fn + R BT2 connection
Indicator color: Blue

Fn + T BT3 connection
Indicator color: Yellow

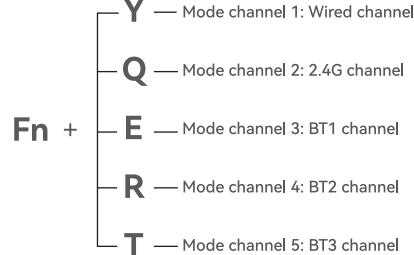
2. Turn on Bluetooth on your computer or other device, search and select "FG87 BT3.0" or "FG87 BT5.0". And start Bluetooth pairing until the connection is complete



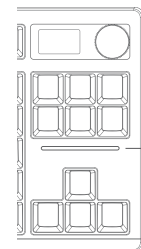
Note:
Bluetooth mode compatible with most of the market Bluetooth DONGLE, laptop built-in Bluetooth module, Bluetooth 5.0 needs to support Win8 Or above systems, tablets and mobile phones, etc

Keyboard mode switching method

1. Mode channel: The keyboard has 5 channels, BT1, BT2, BT3, 2.4G, wired, can connect 5 devices at the same time
2. Mode switching: Toggle mode switching switch, can be switched between wired /2.4G/BT. In BT mode, press Fn+ "E, R, T" You can switch between different Bluetooth channels in BT1, BT2, BT3



Indicator status description



Low voltage: The bar indicator blinks red slowly

State during charging: The red light of the strip light is steady on for 10 seconds, and the running lamp mode will resume

Fully charged condition: After the green light is on for 10 seconds, the running lamp mode will resume

Note:

When the battery status indicator indicates that the battery is low, please use the included Type-C charging cable to charge the keyboard in time
To avoid unnecessary damage, do not use other specifications of the charging cable and only allow to plug into the computer USB interface charging

Cap key: When locked, the white indicator is steady on



L_Win key: When locking, the white indicator is steady on

Fn+Key combination function

Fn + BACKSPACE Check the current remaining battery (the battery is displayed as 1-0, the backlight needs to be turned on)
Exp: The current remaining 30% power, Numbers 1, 2, and 3 turn on the backlight, and other lights turn off

Fn + < Or > Adjust the conversion frequency of the backlight (fifth gear switch)

Fn + ^ Or v Adjust the brightness of the backlight (fifth gear switch)

Fn + WIN Lock or unlock the Win key

Fn + Z Adjust side light brightness (5th shift)

Fn + X Adjust side light speed (5th shift)

Fn + L_Ctrl Adjust side lighting mode (7 modes in total)

Fn + Insert Switch main backlight effect

Fn + Home Switch the main backlight color

Fn + PG UP Keyboard light switch/power saving mode switch

Fn+Multimedia function key

	Windows Combination key	Mac Combination key
Fn+Esc	Press and hold 3s to restore factory Settings	
Fn+F1	Luminance-	
Fn+F2	Luminance+	
Fn+F3	Win+Tab	Mission Control Center
Fn+F4	Win+E	Control console
Fn+F5	Mail	Keyboard backlight brightness-
Fn+F6	Homepage	Keyboard backlight brightness+
Fn+F7	Last	
Fn+F8	Play/Pause	
Fn+F9	Next	
Fn+F10	Mute	
Fn+F11	Volum-	
Fn+F12	Volum+	

Schedule of harmful toxic substances or elements

Part name	Schedule of harmful toxic substances or elements					
	Pb	Hg	Cd	Cr VI	PBB	PBDE
Cable/power supply	X	O	O	O	O	O
Board assembly	X	O	O	O	O	O
Plastic/Other parts	O	O	O	O	O	O
Glass component	X	O	O	O	O	O
Metal parts	X	O	O	O	O	O
Battery	X	O	O	O	O	O

This form is prepared in accordance with the provisions of SJ/T11364-2014.

O: indicates that the content of the toxic and harmful substance in all homogeneous materials of the part is below the limit requirements specified in GB/T 26572-2011 standard.

X: indicates that the content of the toxic or harmful substance in at least one homogeneous material of the part exceeds the limit required by GB/T 26572-2011 standard.

Remark 1:

Most of the parts of this product are made of non-toxic and harmless environmental protection materials, and the parts containing toxic and harmful substances or elements cannot be replaced by toxic and harmful substances or elements due to the global development level.

Remark 2:

The reference standard for the environmental service life depends on the conditions such as temperature and humidity of the product in normal operation. Environmental Protection Use Period The period specified in this label (ten years), that is, from the date of production. The hazardous substance elements contained in the electronic information products will not leak or mutate under normal conditions of use, and the user's use of the electronic information products will not cause serious pollution to the environment or serious damage to his personal life and property.

10 The environmental protection life of this product is ten years

5 The battery part has an environmental protection life of five years

Technical specifications

Connection mode: Wired / 2.4GHz/BT3.0 / BT5.0
Transmission distance: ≤10 meters
Battery capacity: 4000mAh
Charging current: 484.8mA
2.4G mode Steady on current: 177.6mA 2.4G mode sleep current: 0.09-0.25mA
BT3.0 Steady On Current: 308.8mA BT3.0 mode sleep current: 0.09-0.25mA
BT5.0 Steady On Current: 309.2mA BT5.0 mode sleep current: 0.09-0.25mA

None Enter power saving mode after two minutes. Current: 6.1mA
Turn off the backlight current: 75.4mA

System requirement

1 x USB port
BT 3.0 / BT 5.0

Windows® 7 / Windows® 8 / Windows® 10 or later r later version;
Android 3.2 or later or later version;
Mac OS 10.5 or later or later version

Note: Multimedia features in different system versions may not be available

Trouble removal

1. Ensure that the product's USB wireless receiver is correctly plugged into the USB port of the computer
2. Make sure your computer meets minimum system requirements
3. The product and the wireless receiver exceed the effective connection distance.
Please reduce the distance between the product and the receiver

Attention

1. Please use dry, soft cotton fabrics for cleaning products
2. Do not fold or bend the product
3. Do not disassemble the product forcibly
4. Do not get caught in the rain or exposed to the sun or fire
5. Do not rinse the product directly with water



运营商: 东莞市正豪电子科技有限公司
Operator: Dongguan Zhenghao Electronic Technology Co., LTD
地址: 广东省东莞市谢岗镇谢岗心龙路8号4栋302室
Address: Room 302, Building 6, No. 8 Xiegang Xinlong Road, Xiegang Town, Dongguan City, Guangdong
公司官网: www.szforter.com
执行标准: Execution Standard: GB/T 14081-2010
Company website