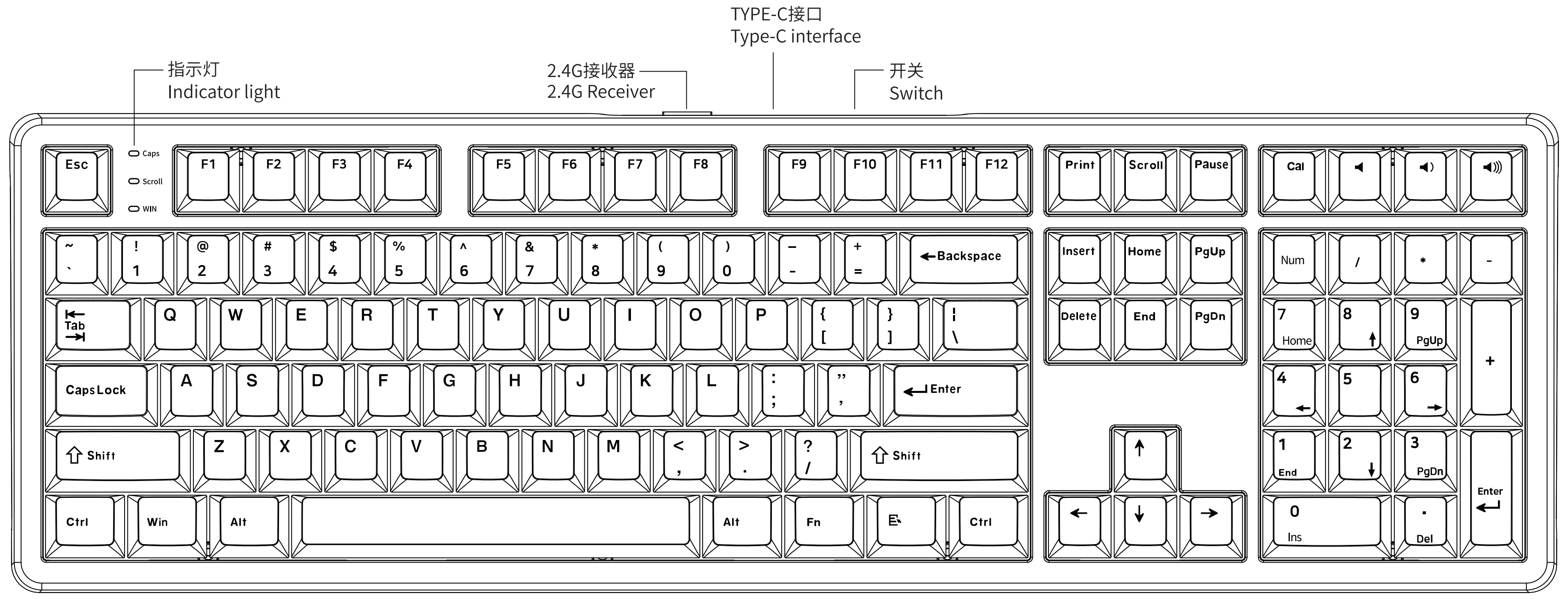
K2509_AIR108 说明书（三模）

Page 01



温馨提示:本说明书中的图片均为示意图，仅供参考，请以实物为准。
Note: All pictures in this manual are schematic diagrams and are for reference only. The actual product shall prevail.

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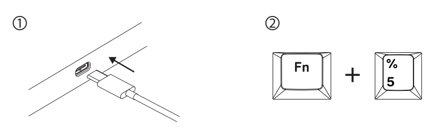
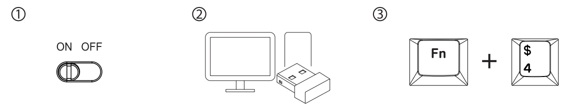
有线模式（Wired mode）



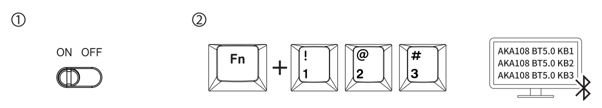
取出TYPE-C连接线，插上键盘的TYPE-C端口再接上PC端，按 FN+5 切换有线模式使用。
Remove the TYPE-C connection cable, plug the keyboard's TYPE-C port and then connect it to the PC end. Press FN + 5 to switch to the wired mode for use.

2.4G模式（2.4G mode）



拨动开关，取出2.4G接收器插上PC电脑端，长按 FN+4 配对2.4G接收器，配对成功后绿色长亮3秒后熄灭。
Turn the switch, remove the 2.4G receiver and plug it into the PC computer port. Press and hold the FN+4 keys to pair the 2.4G receiver. After successful pairing, the green light will stay on for 3 seconds and then go out.

蓝牙模式（Bluetooth mode）



拨动开关，长按3s蓝牙组合键 FN+1 / 2 / 3 （对应蓝牙设备 1 / 2 / 3 ）配对蓝牙连接，配对成功后绿色长亮3秒后熄灭。
Press the switch, and hold down the 3-second Bluetooth combination keys FN+1 / 2 / 3 (corresponding to Bluetooth devices 1 / 2 / 3) to establish a Bluetooth connection. After successful pairing, the green light will remain on for 3 seconds and then go out.

自定义灯光录制(Custom lighting recording)

FN+Z\X\C　自定义灯光1、2、3 (Custom Lighting 1, 2, 3)
FN+V　录制/保存 (Record / Save)

a)先选择按FN+Z\X\C组合键进入自定义灯光模式1、2、3
b)按FN+"V"组合键开始录制，此FN键灯闪烁。录制完成后再按FN+"V"组合键保存，FN键灯停止闪烁。

a) First, press the FN+Z/X/C key combination to enter Custom Lighting Mode 1, 2, or 3.
b) Press FN+"V" to start recording; the FN key light will flash. After finishing the recording, press FN+"V" again to save; the FN key light will stop flashing.

电量查询(Battery Query)

Fn + ← Backspace

按下组合键，键盘背光熄灭，数字键亮灯显示电量占比
Press the combination keys, and the keyboard backlight will turn off. The numeric keys will light up to display the battery percentage.

10%	【1!】长亮（Steady on）
20%	【1!】~【2@】长亮
30%	【1!】~【3#】长亮
40%	【1!】~【4$】长亮
...	
100%	【1!】~【0)】长亮

低压模式（Low voltage mode）

当电量等于小于20%时，充电指示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3.2V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3.2V以上才可以唤醒正常工作。）

When the battery level is ≤20%, the charging indicator light will flash red to remind the user to charge the device.(Note: When the battery voltage drops below 3.2V, the keyboard will stop working immediately and cannot be woken up. In this state, pressing any key will only cause the charging indicator light to flash as a reminder, with no other response. The keyboard must be connected via USB cable and charged to above 3.2V before it can be woken up and function normally.)

注意事项（Precautions）

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。

   When connecting a device, pay close attention to the pairing indicator light. The device can only search for and discover the Bluetooth keyboard when the indicator light is flashing rapidly. If the light is flashing slowly, it means the keyboard is in reconnection mode (the device will not be able to find the keyboard in this state). In that case, long-press the pairing key combination (FN+1 or 2 or 3) again, and do not release until the indicator light starts flashing rapidly. Then the device will be able to search for and discover the Bluetooth keyboard normally.

2. 特别注意：键盘工作电压为DC5V，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！

   Special note: The keyboard operates at DC 5V. Do not use a power adapter with a voltage higher than 5V to charge the keyboard, as this may damage components and cause the keyboard to malfunction.

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

Manufacturer: DONGGUAN FL ESPORTS ELECTRONICS CO.,LTD
Address: Building B,Wangwuzhou Industrial Zone,Shilong Tow n,
　　　Dongguan City,Guangdong,China
Website：www.flesports.com
　　　www.flesportsglobal.com

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微功率设备使用说明

使用微功率短距离无线电发射设备应当符合国家无线电管理有关规定：
(一)符合"微功率短距离无线电发射设备目录和技术要求"的具体条款和使用场景，符合F类设备，使用频段：2400-2483.5MHz，天线类型：PCB天线，控制原理：鼠标发射2.4G无线信号，接收器接收到
无线信号后，通过主芯片转换代码，主芯片再通过USB接口上报给电脑主机；
(二)不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率（包括额外加装射频功率放大器），不得擅自更改发射天线；
(三)不得对其他合法的无线电台（站）产生有害干扰，也不得提出免受有害干扰保护；
(四)应当承受辐射射频能量的工业、科学及医疗(ISM)应用设备的干扰或其他合法的无线电台（站）干扰；
(五)如对其他合法的无线电台（站）产生有害干扰时，应立即停止使用，并采取措施消除干扰后方可继续使用；
(六)在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站（含测控、测距、接收、导航站）等军民用无线电台（站）、机场等的电磁环境保护区域内使用微功率设
备，应当遵守电磁环境保护及相关行业主管部门的规定；
(七)禁止在以机场跑道中心点为圆心、半径5000米的区域内使用各类模型遥控器；
(八)微功率设备使用时温度是25°C,工作电压:DC 5V;
(九)使用微功率短距离无线电发射设备应当符合国家无线电管理有关规定。

Instructions for using low-power devices

The use of micro-power short-range radio transmitting equipment shall comply with the relevant regulations of the national radio management authority:
(1). Comply with the specific clauses and usage scenarios outlined in the "Catalog and Technical Requirements for Low-Power Short-Range Radio Transmitters," meeting Class F equipment standards. Operating frequency band: 2400-2483.5MHz, antenna type: PCB antenna. Control principle: The mouse emits a 2.4GHz wireless signal, which is received by the receiver. The main chip then converts the signal into code and transmits it to the computer host via the USB interface;
(2). It is prohibited to arbitrarily change the usage scenario or conditions, expand the transmission frequency range, increase the transmission power (including the additional installation of radio frequency power amplifiers), or modify the transmission antenna.
(3). It shall not cause harmful interference to other legal radio stations, nor shall it request protection from such harmful interference.
(4). Interference from industrial, scientific and medical (ISM) application equipment that is intended to withstand radiation radio frequency energy, or interference from other legal radio stations (stations).
(5). If it causes harmful interference to other legal radio stations, it should be immediately stopped from being used. Only after measures are taken to eliminate the interference can it be resumed for use.
(6). When using micro-power devices within aircraft or within the electromagnetic protection areas of military and civilian radio stations (such as radio telescopes, meteorological radar stations, satellite earth stations (including telemetry, ranging, receiving, and navigation stations), and airports), one must abide by the regulations of the electromagnetic protection and relevant industry authorities.
(7). It is prohibited to use any types of model remote controllers within a 5000-meter radius centered on the midpoint of the airport runway.
(8). The operating temperature of the low-power device is 25°C, with a working voltage of DC 5V;
(9). The use of micro-power short-range radio transmitting equipment shall comply with the relevant regulations of the national radio management authority.

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver. Plug the equipment into an outlet on a different electrical circuit from the one to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.
The device has been evaluated to meet general RF exposure requirements.
The device can be used in portable exposure conditions without any restrictions.

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FN组合键（FN combination key）

Fn + Insert　切换灯光模式 Switch lighting mode
Fn + Home　省电模式，关闭背光 Power saving mode, backlight off
Fn + Delete　切换灯光颜色 Switch light color
Fn + End　进入常亮模式 Enter constant light mode
Fn + ← →　调整背光变化速率，向左调慢，向右调快 Adjust the backlight transition speed: turn left to slow down, turn right to speed up
Fn + ↑ ↓　调整背光亮度，向上调亮，向下调暗（最低档为关闭） Adjust backlight brightness: press up to brighten, down to dim (lowest level turns off the backlight)
Fn + Print　切换装饰灯条灯效 Switch decorative light strip effect
Fn + Scroll　切换装饰灯条颜色 Switch the decorative light strip's color
Fn + -　调整灯条亮度 - Adjust light strip brightness -
Fn + + =　调整灯条亮度 + Adjust light strip brightness +

Fn + Esc　长按2秒：恢复出厂
短按：MAC系统下F区和FN+F区逻辑切换
Long press for 2 seconds: Factory reset
Short press: Toggle between F-row and FN+F-row logic under macOS

Fn + Win　同锁住左WIN和APP（IOS_MAC系统下自动解锁）
Lock both left WIN and APP keys (automatically unlock under iOS/Mac system)

Fn + ~ `　长按2S切换WIN/MAC
Long press for 2 seconds to switch between WIN and MAC

Windows_Android 系统模式（system mode）

Fn +
F1　亮度- brightness -
F2　亮度+ brightness +
F3　计算器 Calculator
F4　我的电脑 My Computer
F5　邮件 Email
F6　主页 Homepage
F7　上一曲 PREV
F8　播放/暂停 Play/Pause
F9　下一曲 NEXT
F10　静音 Mute
F11　音量- volume -
F12　音量+ volume +

IOS_MAC 系统模式（system mode）

Fn +
F1　亮度- brightness -
F2　亮度+ brightness +
F3　任务控制 Task Control
F4　呼出窗口 Exhaust window
F5　F5 F5
F6　F6 F6
F7　上一曲 PREV
F8　播放/暂停 Play/Pause
F9　下一曲 NEXT
F10　静音 Mute
F11　音量- volume -
F12　音量+ volume +
Ctrl　Control
Win　Option
Alt　Command

部件名称 Parts Name	有害物质（Hazardous Substances）									
	铅 Lead (Pb)	汞 Mercury (Hg)	镉 Cadmium (Cd)	六价铬 Hexayalent Chromium (Cr+6)	多溴联苯 Polybrominated biphenyls (PBB)	多溴联苯醚 Polybrominated biphenyl ethers (PBDE)	邻苯二甲酸二正丁酯 Dibutyl phthalate (DBP)	邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP)	邻苯二甲酸丁苄酯 Butyl benzyl phthalate (BBP)	令苯二甲酸二(2-乙基)己酯 Bis (2-ethylhexyl) phthalate (DEHP)
电缆 Cable	○	○	○	○	○	○	○	○	○	○
电路板组件 PWAs	○	○	○	○	○	○	○	○	○	○
塑料部件 Plastis parts	○	○	○	○	○	○	○	○	○	○
金属部件 Metal parts	○	○	○	○	○	○	○	○	○	○
橡胶部件 Rubber parts	○	○	○	○	○	○	○	○	○	○
电池 Battery	○	○	○	○	○	○	○	○	○	○

本表格依据SJ/T11364的规定编制。
○=表示该有害物质在该部件所有均质材料中的含量均在GB/T26572规定的限量要求以下。
此表显示的电子电气产品部件中何处存在这些有害物质，因型号不同，产品可能不包括上述所有部件，请以产品实际销售配置为准。
This form is prepared in accordance with the provisions of SJ/T 11364.
○=It indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirements specified in GB/T 26572.
This table indicates the presence of these hazardous substances in the components of electronic and electrical products. Due to model variations, the product may not include all the aforementioned components. Please refer to the actual product configuration for definitive information.

折后尺寸：280x115mm

东莞市腹灵竞技电子有限公司				生效日期	20260000
名称	K2509_AIR108 说明书（三模）	产品料号			
尺寸	展开尺寸：280x230mm	文件编号		版　本	V0
材质	100g书写纸	电子工程师	结构工程师	平面工程师	审 核 人
工艺	四色双面印刷，需折页				