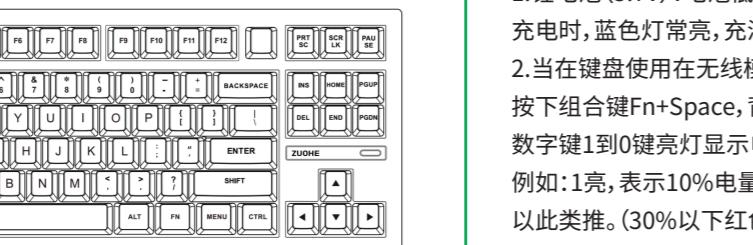


 <p>ZUOHE</p> <p>ZH870 MECHANICAL KEYBOARD</p> <p>机械键盘说明书 (三模版本 蓝牙&有线&2.4G)</p>	 <p>电量指示:</p> <p>1.锂电池(3.7V):电池低于3.2V时,ESC按键灯红色慢闪烁,充电时,蓝色灯常亮,充满电时,绿色灯常亮。</p> <p>2.当在键盘使用在无线模式时(不插USB线充电),按下组合键Fn+Space,背光熄灭,数字键1到0键亮显示电量占比,例如:1亮,表示10%电量,1和2亮,表示20%电量。以此类推。(30%以下红色,50%以下黄色,50%以上绿色)。</p> <p>蓝牙模式说明:</p> <p>①按下CAPS LOCK键,大写功能CAPS LOCK键亮白色 ②按下SCRLK键,SCRLK按键亮白光 ③FN+WIN,WIN锁定/解除,WIN锁按键亮白光 ④FN+MENU:19种灯效切换 ⑤FN+SHIFT_R:灯光颜色切换,红橙黄绿青蓝紫白</p> <p>开关说明:</p> <p>三挡模式选择开关,蓝牙(左),有线(中),</p> <p>指示灯说明:</p> <p>蓝牙1/2/3:蓝/橙/紫 有线:白色</p>	<p>电脑端设备名称:</p> <p>1.锂电池(3.7V):电池低于3.2V时,ESC按键灯红色慢闪烁,充电时,蓝色灯常亮,充满电时,绿色灯常亮。</p> <p>2.4G接收器连接成功后显示:ZH870 Gaming Keyboard</p> <p>蓝牙连接成功后显示:ZH870 BT1,ZH870 BT2,ZH870 BT3</p> <p>回连指示:</p> <p>键盘开机或者睡眠唤醒后,只在当前设备进行回连,回连不成功则进入睡眠,按键唤醒后,会继续回连。</p> <p>键盘充电说明:</p> <p>1.标准供给键盘的电压:5±0.25V。 2.键盘带过压保护功能(OVP): USB接口电压在4.2V~5.5V能正常工作; 电压在5.6V~30V,键盘自动切断电源进入保护; 超过30V则会损坏后级电路。</p> <p>蓝牙模式说明:</p> <p>①按下CAPS LOCK键,大写功能CAPS LOCK键亮白色 ②按下SCRLK键,SCRLK按键亮白光 ③FN+WIN,WIN锁定/解除,WIN锁按键亮白光 ④FN+MENU:19种灯效切换 ⑤FN+SHIFT_R:灯光颜色切换,红橙黄绿青蓝紫白</p> <p>开关说明:</p> <p>三挡模式选择开关,蓝牙(左),有线(中),</p> <p>指示灯说明:</p> <p>蓝牙1/2/3:蓝/橙/紫 有线:白色</p>	<p>背光模式:</p> <p>1.FN+MENU切换19组灯光模式: 随波逐流,峰回路转,一射千里,一石二鸟,涟漪扩散,川流不息,重峦叠嶂,斜风细雨,来回穿梭,静态恒亮,单点亮,单点灭,繁星点点,漫天飞雪,百花争艳,动态呼吸,光谱循环,彩泉涌动,多彩纵横。</p> <p>2.所有灯光模式均为五档亮度,默认第五档。 速度均为5档,默认第五档。</p> <p>3. FN+SHIFT_R切换背光颜色, 顺序:七彩,红,橙,黄,绿,青,蓝,紫,白。</p> <p>多系统切换说明:</p> <p>1.自动识别WIN/MAC系统 2.Windows系统和Mac系统的快捷键功能,详细看下页表格。</p> <p>驱动下载:</p> <p>电脑PC端支持驱动软件,支持有线模式和2.4G接收器连接驱动,可实现自定义按键功能,RGB灯效自定义,按键宏录制,音乐律动,按键灵敏度调节等功能。驱动配置层,可以设置FN层,实现多文本功能布局。</p> <p>兼容性:</p> <p>蓝牙:兼容市面上蓝牙设备,平板,手机以及笔记本内置蓝牙模块,BT3.0~BT5.0。</p> <p>2.4G:按照USB标准协议,兼容windows2000以上和MAC系统。</p>	<p>键盘尺寸规格:</p> <p>长:370.8mm 宽:143.1mm 高:44.05mm</p> <p>电性规格:(仅供参考)</p> <table border="1"> <tr> <td>USB标准输入电压</td> <td>5V±0.25V</td> </tr> <tr> <td>过压保护(断开输入电压)</td> <td>5.6V~30V</td> </tr> <tr> <td>锂电池充电电流</td> <td>800mA</td> </tr> <tr> <td>默认背光电流</td> <td>260mA</td> </tr> <tr> <td>背光常亮最大电流</td> <td>400mA</td> </tr> <tr> <td>关闭背光电流</td> <td>30mA</td> </tr> <tr> <td>休眠电流</td> <td><1mA</td> </tr> </table> <p>使用距离:</p> <p>>10米 360°开阔空间。</p> <p>兼容性:</p> <p>蓝牙:兼容市面上蓝牙设备,平板,手机以及笔记本内置蓝牙模块,BT3.0~BT5.0。</p> <p>2.4G:按照USB标准协议,兼容windows2000以上和MAC系统。</p>	USB标准输入电压	5V±0.25V	过压保护(断开输入电压)	5.6V~30V	锂电池充电电流	800mA	默认背光电流	260mA	背光常亮最大电流	400mA	关闭背光电流	30mA	休眠电流	<1mA	<table border="1"> <tr> <td>FN+F5</td> <td>邮件</td> <td>F5</td> <td>键盘背光-</td> </tr> <tr> <td>FN+F6</td> <td>主页</td> <td>F6</td> <td>键盘背光+</td> </tr> <tr> <td>FN+F7</td> <td>上一曲</td> <td>F7</td> <td>上一曲</td> </tr> <tr> <td>FN+F8</td> <td>播放/暂停</td> <td>F8</td> <td>播放/暂停</td> </tr> <tr> <td>FN+F9</td> <td>下一曲</td> <td>F9</td> <td>下一曲</td> </tr> <tr> <td>FN+F10</td> <td>静音</td> <td>F10</td> <td>静音</td> </tr> <tr> <td>FN+F11</td> <td>音量-</td> <td>F11</td> <td>音量-</td> </tr> <tr> <td>FN+F12</td> <td>音量+</td> <td>F12</td> <td>音量+</td> </tr> <tr> <td>Fn+1</td> <td>短按切换蓝1</td> <td>Fn+1</td> <td>短按切换蓝1</td> </tr> <tr> <td>Fn+2</td> <td>短按切换蓝2</td> <td>Fn+2</td> <td>短按切换蓝2</td> </tr> <tr> <td>Fn+3</td> <td>短按切换蓝3</td> <td>Fn+3</td> <td>短按切换蓝3</td> </tr> <tr> <td>Fn+4</td> <td>长按2.4G配对</td> <td>Fn+4</td> <td>长按2.4G配对</td> </tr> <tr> <td>FN+W</td> <td>切换ASDW和方向键</td> <td>FN+W</td> <td>切换ASDW和方向键</td> </tr> <tr> <td>Fn+WIN_L</td> <td>锁WIN键</td> <td>Fn+WIN_L</td> <td>无</td> </tr> <tr> <td>Fn+Space</td> <td>查询电量</td> <td>Fn+Space</td> <td>查询电量</td> </tr> <tr> <td>Fn+MENU</td> <td>主背光灯效切换</td> <td>Fn+MENU</td> <td>主背光灯效切换</td> </tr> <tr> <td>Fn+Shift_R</td> <td>主背光颜色切换</td> <td>Fn+Shift_R</td> <td>主背光颜色切换</td> </tr> <tr> <td>FN+F13</td> <td>侧背光灯效切换</td> <td>FN+F13</td> <td>侧背光灯效切换</td> </tr> <tr> <td>Fn+Backspace</td> <td>键盘灯光关/开</td> <td>Fn+Backspace</td> <td>键盘灯光关/开</td> </tr> <tr> <td>Fn+方向上</td> <td>主背光亮度+</td> <td>Fn+方向上</td> <td>主背光亮度+</td> </tr> <tr> <td>Fn+方向下</td> <td>主背光亮度-</td> <td>Fn+方向下</td> <td>主背光亮度-</td> </tr> <tr> <td>Fn+方向左</td> <td>主背光速度-</td> <td>Fn+方向左</td> <td>主背光速度-</td> </tr> <tr> <td>Fn+方向右</td> <td>主背光速度+</td> <td>Fn+方向右</td> <td>主背光速度+</td> </tr> </table>	FN+F5	邮件	F5	键盘背光-	FN+F6	主页	F6	键盘背光+	FN+F7	上一曲	F7	上一曲	FN+F8	播放/暂停	F8	播放/暂停	FN+F9	下一曲	F9	下一曲	FN+F10	静音	F10	静音	FN+F11	音量-	F11	音量-	FN+F12	音量+	F12	音量+	Fn+1	短按切换蓝1	Fn+1	短按切换蓝1	Fn+2	短按切换蓝2	Fn+2	短按切换蓝2	Fn+3	短按切换蓝3	Fn+3	短按切换蓝3	Fn+4	长按2.4G配对	Fn+4	长按2.4G配对	FN+W	切换ASDW和方向键	FN+W	切换ASDW和方向键	Fn+WIN_L	锁WIN键	Fn+WIN_L	无	Fn+Space	查询电量	Fn+Space	查询电量	Fn+MENU	主背光灯效切换	Fn+MENU	主背光灯效切换	Fn+Shift_R	主背光颜色切换	Fn+Shift_R	主背光颜色切换	FN+F13	侧背光灯效切换	FN+F13	侧背光灯效切换	Fn+Backspace	键盘灯光关/开	Fn+Backspace	键盘灯光关/开	Fn+方向上	主背光亮度+	Fn+方向上	主背光亮度+	Fn+方向下	主背光亮度-	Fn+方向下	主背光亮度-	Fn+方向左	主背光速度-	Fn+方向左	主背光速度-	Fn+方向右	主背光速度+	Fn+方向右	主背光速度+	<p>保修条例:</p> <p>产品自购买之日起2个月内出现产品本身质量问题,请如下方式获得售后服务:</p> <ol style="list-style-type: none"> 1. 购买产品7天内出现质量问题请携带产品购买收据以及全部附件和包装(完好无损),前往购买处申请全额退款。 2. 购买产品15天内出现质量问题请携带产品购买收据以及全部附件和包装(完好无损),前往购买处申请更换新品。 3. 购买产品15天后出现质量问题请携带产品购买收据以及产品包装前往购买处维修;4. 个人原因造成的产品损坏维修时收取一定金额的费用。 <p>担保范畴:</p> <ol style="list-style-type: none"> 1. 外观损伤、无Logo或超出服务期限的产品; 2. 被拆卸、撞伤、私自升級、修理、改装或零件丢失的产品; 3. 电路烧毁或数据线接口损坏的产品; 4. 有异味、异象或产品内含有异物的产品。 <p>警告:</p> <ol style="list-style-type: none"> 1. 用错误型号的电池替换,可能会影响安全防护失效。 2. 将电池组投入火中或加热,或对电池组进行机械挤压或切割的处理可能导致爆炸。 3. 将电池组放置在高温环境中可能导致爆炸或泄漏可燃液体或气体。 4. 电池组承受极低电压,可能导致爆炸或泄漏可燃液体或气体。 <p>品 牌:ZUOHE 型 号:ZH870 品牌商:东莞市佐赫电子有限公司 地 址:广东省东莞市石碣镇大冲路91号二楼</p> 
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ZUOHE **ZH870** MECHANICAL KEYBOARD Mechanical keyboard manual (Three-mode version Bluetooth&wired&2.4G)	**Battery Indication:** 1.Lithium battery (3.7V): When the battery is lower than 3.2V, the ESC button light flashes red slowly. When charging, the blue light is solid and when fully charged, the green light is always on. 2.When the keyboard is used in wireless mode (do not plug in the USB cable), press the key combination Fn+Space, the backlight is off, and the number key 1 to 0 keys light up to display the proportion of power. For example: 1 on means 10% charge, and 1 and 2 on represent 20% charge. And so on. (10%-30% red, 31%-49% yellow, 50%-100% green). **Bluetooth mode description:** After the keyboard is turned on, toggle the switch to BT (left side), long press FN+1/2/3 key for 3s, the keyboard enters the pairing state, 1 key blue/2 key cyan/3 key orange indicator flashes quickly, the waiting time of the flash is 3 minutes, and the status indicator is always on after connecting, if the device is not connected, the light turns off, and the keyboard goes to sleep. Note: If a device has been paired with 1-button position, and you want to pair it to the 2 or 3 key position, you must first delete the pairing information of the number 1 key on the device before pairing. **Wired mode description:** Toggle the switch to wired (middle), and plug in the usb cable, the indicator is light white, and then you can use the keyboard now. **Switch Description:** Three-mode selector switch, Bluetooth (left), wired (center), 2.4G (right). **Indicator Description:** Bluetooth1/2/3: Blue/Orange/Purple Wired: White 2.4G: Green	**Device name:** Wired mode: ZH870 Gaming Keyboard 2.4G mode: ZH870 2.4G Wireless Keyboard Bluetooth mode: ZH870 BT1,ZH870 BT2,ZH870 BT3 **Reconnect instructions:** After the keyboard is turned on or woken up from sleep, only the current device is connected, and if the connection is unsuccessful, it will go to sleep, and after the key wakes up, it will continue to connect. **Keyboard charging instructions:** 1. Standard supply voltage to the keyboard: 5±0.25 volts. 2. Keyboard with over voltage protection function (OVP): The USB interface voltage can work normally at 4.2V~5.5V, and the voltage is up to 5.6V~30V, and the keyboard automatically cuts off the power supply to enter the protection; Over 30V, the backstage circuit will be damaged. **Bluetooth mode description:** After the keyboard is turned on, toggle the switch to BT (left side), long press FN+1/2/3 key for 3s, the keyboard enters the pairing state, 1 key blue/2 key cyan/3 key orange indicator flashes quickly, the waiting time of the flash is 3 minutes, and the status indicator is always on after connecting, if the device is not connected, the light turns off, and the keyboard goes to sleep. Note: The key sensitivity can be set in the driver, five levels of adjustment, the first gear is the most sensitive, during use, try to avoid hitting the keyboard to prevent accidental triggering of the keys.	**Backlight mode:** 1.FN+MENU switch 19 groups of light modes: Rolling, Rotating, Explode, Launch, Ripples, Flowing, Pulsating, Tilt, Shuttle, Static, Single on, Single off, Glittering, Falling, Colourful, Breath, Spectrum, Outward, Scrolling. 2. All light modes are five levels of brightness and speed, the default is fifth gear. 3. FN+SHIFT_R switches the backlight color, the order is: colorful, red, orange, yellow, green, cyan, blue, purple, white. 4. FN+F13 switch the side light modes. **Multi-system switching instructions:** 1. Automatically identify WIN/MAC systems 2. For the shortcut key functions of Windows system and Mac system, please see the table on the next page for details. **Driver download:** The PC supports driver software, supports wired mode and 2.4G receiver connect driver, which can realize custom button function, RGB lighting effect customization, key macro recording, music rhythm, key sensitivity adjustment and other functions. Drive the configuration layer, you can set the FN layer to realize the functional layout of the multi-text version. **Keyboard size specifications:** Length:370.8mm Wide:143.1mm High:44.05mm <b

FCC Warning:

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 to radio or television reception, which can be determined by turning the equipment off and on, the user is 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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.