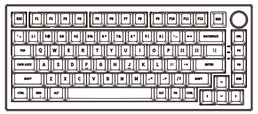
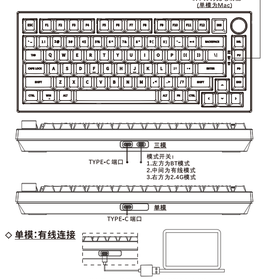
游戏机械键盘
K81- 说明书

三模、单模共用说明书
功能有所差异，详情请看说明



功能显示：
1.上方为Caps功能
2.中间为Win功能
3.下方为充电功能
（单模为Mac）

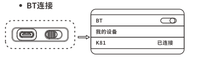


◇ 单模:有线连接

将标配USB线缆TYPE-C一端插进键盘对应端口，
另一端插进电脑对应端口即可使用。

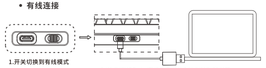
◇ 三模:连接

• BT连接



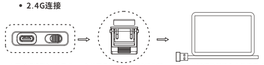
1.开关切换到BT模式　　2.搜索配对K81,连接成功。

• 有线连接



1.开关切换到有线模式　　2.将标配USB线缆TYPE-C一端插进键盘对应端口。
另一端插进电脑对应端口即可使用。

• 2.4G连接



1.开关切换到2.4G模式　　2.从键盘槽中取出USB接收器　　3.将USB接收器插入电脑接口,即可使用。

1.产品描述
设备复合了多个HID 子集设备，包括键盘设备/鼠标设备/消费类设备/系统类设备/自定义设备，高度集成实现了设备综合输入。
游戏级按键性能，在快速响应的同时配合软件抗干扰算法，保证高效稳定，支持全键无冲突输入。

2.设备特性
USB 2.0 全速接口,支持1000Hz报告率
复合多个HID子集设备,支持多类型报告格式
支持系统:Win7/ Win8/ Win10/安卓/苹果操作系统
优秀的机械按键性能，快速响应处理，抗干扰能力强，支持全键无冲突输入
标准键盘报告格式,保证系统输入兼容性
支持多媒体快捷按键
支持系统电源管理按键
支持鼠标事件
可通过USB进行固件更新,升级软件版本
支持windows上位机软件,实现键盘按键定义,宏录制, 灯效切换,配置切换等功能
根据定制需求，支持拓展键盘侧灯/指示灯/滚轮/按键/各类传感器等

3.键盘配列
产品尺寸:330.5x142x44mm
4.按键键阵6*21
5.CPU芯片封装(LQFP48-8位)
6.CPU芯片电气特性
储存温度-50℃—150℃ 电源电压0V—5.5V
工作温度-40℃—85℃ 端口电压 VSS-0.3V—VDD+5V

7.指示灯
独立指示灯(白色)，分别功能为
Caps lock：大写锁定
Win lock：Win键锁定
系统切换指示灯:win系统不亮,Mac系统时亮

◇ 三模功能
(三模有如下功能，单模没有如下功能)

• 7-1.指示灯
•Low Battery：电池低电量指示灯，低电闪烁，充电常亮，充满熄灭
•Link State：未连接状态下,Q/W/E/R/T按键灯白色闪烁
连接状态下，显示正常灯光

• 8-1. FN组合按键功能

组合键	功能	说明
FN+ALT_L	生产灯光测试键	单色全亮
FN+TAB	颜色切换	切换灯的颜色（红橙黄绿青蓝紫白彩）
FN+Q	切换到蓝牙第1个设备	短按，切换到蓝牙通道1/2/3;
FN+W	切换到蓝牙第2个设备	长按3s,断线模式指色，并开启一个新广播
FN+E	切换到蓝牙第3个设备	断开连接时按键指示灯闪烁，连接后停止闪烁
FN+R	切换2.4G模式	需要搭配2.4G无线接收器Dongle使用； 短按，切换到2.4G通道； 长按3s，重新进入配对状态； 断开连接时按键指示灯闪烁，连接后停止闪烁
FN+T	切换有线模式	
FN+空格	查询电量	按下组合键Fn+space, 背光熄灭,数字键1到9键亮灯显示电量占比，例如:1亮，表示10%电量，1和2亮，表示20%电量，以此类推。(此功能只支持1-9单色显示)

◇ 单模功能
(单模有如下功能，三模没有如下功能)

组合键	功能	说明
FN+W	转换	WASD 和方向转换

8、FN组合按键功能表

组合键	功能
FN+F1	音乐
FN+F2	音量减
FN+F3	音量加
FN+F4	静音
FN+F5	暂停
FN+F6	上一首
FN+F7	播放/暂停
FN+F8	下一首
FN+F9	邮箱
FN+F10	主页
FN+F11	我的电脑
FN+F12	计算器
FN+PGUP	HOME
FN+A	WIN系统
FN+S	MAC系统
FN+WIN	锁WIN

组合键	功能	说明
FN+↑	灯效循环切换	静态，波浪，单点，蛇形跑马，扩散，环形跑马，喷泉，旋转，波纹，一字流时，呼吸。
FN+↓	亮度--	灯光亮度调节(默认最大档)，5 档加关闭。
FN+←	速度减慢	调至最亮，三个指示灯 闪三次提示
FN+→	速度加快	灯光亮度调节(默认最大档)，5 档加关闭。 调至最亮，三个指示灯 闪三次提示
FN+Home	速度减慢	灯效速度调节,6档调至最高，三个指示灯闪三次提示
FN+End	速度加快	灯效速度调节,6档调至最低，三个指示灯闪三次提示
FN+ESC	恢复出厂设置	长按3S, 设备恢复出厂设置状态
◎	旋钮开关	默认，下压静音 左右转动音量大小 长按3秒，中间三个指示灯最下面的那个灯闪三下，转为下压调侧光灯效，左右侧光亮度

9、故障排除
如果出现不正确的操作，请按照以下步骤进行。
-检查连接器的完整性。
-检查与计算机的连接是否正确。
-检查计算机设置的正确性。
-断开并重新连接设备;重新启动计算机。
如果问题仍然存在，请联系当地的销售商。

产品合格证
Product Qualification Certificate
This product has been inspected and found to meet the specified quality standards.
Approved to leave the factory

保修卡

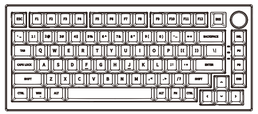
保修内容
1.保修期间，整机自购买之日起1-2个月
2.以下情况不属于免费保修范围:
a.产品整机或部件已超出保修期
b.操作不当导致人为损坏的
c.对电子原理稍进行拆解造成的故障及损坏
d.因自然灾害等不可抗力的因素造成的故障及损坏

保修卡
型 号:_____
购买日期:____年__月__日，购买渠道:_____
产品使用过程中问题描述:
_____
_____
_____
报修日期:____年__月__日
客户信息:
收件人:_____ 联系电话:_____
地址信息:_____

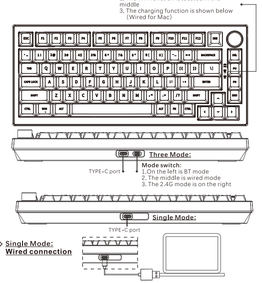
正面

Game mechanical keyboard
K81- Instruction Manual

The three mode and single mode
common instruction
There are differences in functionality,
please refer to the instructions for details



Function display:
1. The Caps function is located above
2. The Win function is located in the middle
3. The charging function is shown below (Wired for Mac)



◇ Single Mode:
Wired connection

Connect one end of the standard USB TYPE-C cable to the corresponding port on the keyboard.Plug the other end into the corresponding port of the computer to use.

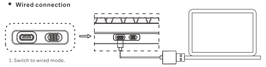
◇ Three Mode:connect

• BT connection



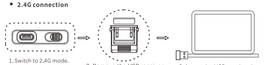
1,Switch to BT mode,　　2. Search for matching K81, The connection is successful.

• Wired connection



1. Switch to wired mode.　　2. Connect one end of the standard USB TYPE-C cable to the corresponding port on the keyboard.Plug the other end into the corresponding port of the computer to use.

• 2.4G connection



1. Switch to 2.4G mode.　　2. Remove the USB receiver from the keyboard slot　　3. Insert the USB receiver into the computer interface to use.

1. Product description
The device is composed of multiple HID subset devices, including keyboard devices/mouse devices/consumer devices/system devices/custom devices, and highly integrated to achieve comprehensive input of devices.
Game-level key performance, in the fast response at the same time with the software anti-interference algorithm, to ensure efficient and stable, support full-key conflict-free input.

2. Equipment characteristics
The USB 2.0 full-speed port supports the 1000Hz report rate.
Composite multiple HID subset devices to support multiple types of report formats.
Support system: Win7/ Win8/ Win10/ Android/Apple operating system.
Excellent mechanical key performance, fast response processing, strong anti-interference ability, support full-key conflict-free input.
Standard keyboard report format to ensure system input compatibility.
Supports multimedia shortcut keys.
Supports the system power management button.
Support for mouse events.
Support software PC upgrade, is available to upgrade the software version.
Support windows PC software, keyboard key definition, macro recording, light effect switching, configuration switching and other functions.
According to custom requirements, support to expand the keyboard side lights/indicators/rollers/keys/various sensors

3. keyboard collocation
Product size: 330.5x142x44mm
4. Key matrix 6*21
5. CPU chip package (LQFP48-8 bit)
6. CPU chip electrical characteristics
Storage temperature -50°-150 ° Power supply voltage 0V ~ 5.5V
Operating temperature -40° -85 ° Port voltage VSS-0.3V-VDD +5V

7. Indicator light
Independent indicator (white), each function is
Caps lock: Caps lock
Win lock: Lock the device by the Win key
System switch indicator: The indicator is off in Windows, but on in Mac

◇ Three Mode Functions
(The three mode has the following functions, while single mode does not)

• 7-1. Indicator light
Low Battery: Low battery indicator light, flashing low battery, constantly on during charging, turned off when fully charged.
Link State: When not connected, the Q/W/E/R/T button light flashes whitein the connected state, normal lighting is displayed,

• 8-1.FN combination key function

Key combination	Feature	Instructions
FN+ALT_L	Production lighting test key	Monochrome Full Brightness
FN+TAB	Color switching	Switch the color of the light:(red, orange, yellow, green, cyan, blue, purple, white)
FN+Q	Switch to the first Bluetooth device	Short press to switch to Bluetooth channel 1/2/3;
FN+W	Switch to the second Bluetooth device	Long press for 3 seconds to delete the binding information and start a new broadcast
FN+E	Switch to Bluetooth 3rd device	The button indicator light flashes when disconnecting, and stops flashing after connecting
FN+R	Switch to 2.4G mode	Need to use with 2.4G wireless receiver Dongle; Short press to switch to 2.4G channel; Press and hold for 3 seconds to re-enter pairing mode; The button indicator light flashes when disconnecting, and stops flashing after connecting
FN+T	Switch to wired mode	
FN+SPACE	Check battery level	Press the combination key Fn+space, the backlight will turn off, and the number keys 1 to 9 will light up to display the proportion of battery life. For example, if 1 is on, it indicates 10% battery life, and if 1 and 2 are on, it indicates 20% battery life, and so on. (This feature only supports 1-9 monochrome display)

◇ Single Mode Functions
(The single mode has the following functions, while three mode does not)

Key combination	Feature	Instructions
FN+W	convert	WASD and direction conversion

8.FN combination key function

Key combination	Feature
FN+F1	MUSICIANS
FN+F2	Volume down
FN+F3	Volume plus
FN+F4	Sound off
FN+F5	Pause
FN+F6	Previous song
FN+F7	Play/pause
FN+F8	Next song
FN+F9	Mailbox
FN+F10	Home page
FN+F11	My computer
FN+F12	The Reckoner
FN+PGUP	HOME
FN+A	WIN system
FN+S	MAC system
FN+WIN	Lock WIN

Key combination	Feature	Instructions
FN+↑	Light effect cycle switch	Static, wave, single point, serpentine racing, diffusion, ring racing, fountain, rotation, wave band, word radiation, breath.
FN+ ↓	Brightness+	Light brightness adjustment (default maximum), 5 gear plus off, Turn it to the brightest and flash the three indicators three times
FN+ ↑	Brightness+	Light brightness adjustment (default maximum), 5 gear plus off, Turn it to the brightest and flash the three indicators three times
FN+←	Slow down	The speed of the light effect is adjusted, the sixth gear is set to the highest, and the three indicators flash three times
FN+→	Speed up	The light effect speed is adjusted, the 6th gear is set to the lowest, and the three indicators flash three times
FN+ESC	Factory data reset	Press and hold for 3S to restore the device to factory settings
◎	Knob switch	By default, press down to mute the left and right turn the volume and press for 3 seconds, and the bottom light of the middle three indicators flashes three times to turn down the side light effect, and the left and right side light brightness

9.Troubleshooting
If an incorrect operation occurs, follow these steps.
- Check connector integrity.
- Check that the connection to the computer is correct.
- Check the correctness of the computer Settings.
- Disconnect and reconnect the device. Restart your computer.
If the problem persists, contact your local seller.

Warranty content
1. Warranty period: 12 months from the date of purchase of the entire machine
2.The following situations are not covered by the free warranty:
a. The entire product or its components have exceeded the warranty period
b. Improper operation and human damage
c. Malfunctions and damages caused by disassembly (user and assembly of electronic) components
d. Damage to pottery caused by force majeure factors such as natural disasters

Warranty card
Model:_____
Purchase date:_____Year__Month__Day.
Purchase channel:_____
Problem description during product use:
_____
_____
_____
Report date:_____Year__Month__Day
Customer Information: _____
addressee:_____
contact number:_____
Address information: _____

背面

成品尺寸90x100mm
250826 K81 说明书 三模/单模共用 YJX 折页