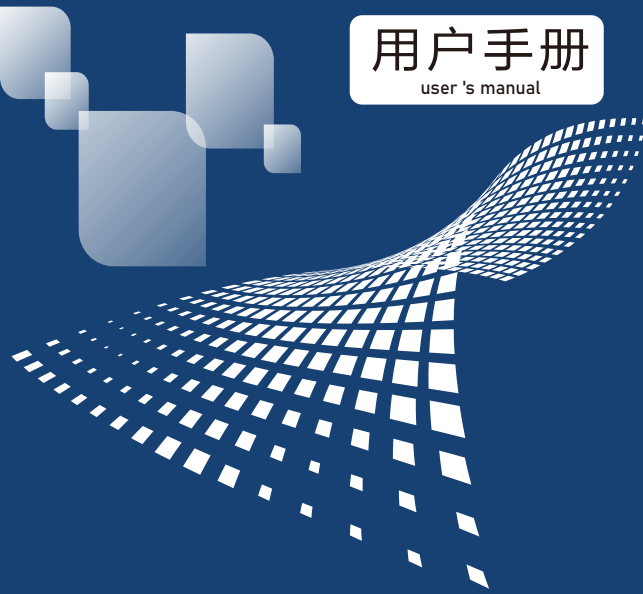
DKT66RGB三模机械键盘

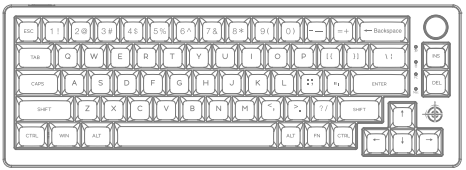
DKT66RGB Tri-mode mechanical keyboard



用户手册

user 's manual

(一)设备布局
Layout design



(二)产品介绍
Product introduction

1. 此键盘为三模真机械键盘，USB模式、2.4无线模式、蓝牙3通道模式；66键设计(美规版)
This keyboard is a three-mode real mechanical keyboard, USB mode, 2.4 wireless mode, Bluetooth 3-channel mode; 66-key design (US version)

2. 主控采用高性能BYK 916 MCU设计，全速USB通讯协议满足竞技游戏中对速度的要求，支持USB在线更新
The main control is designed with high-performance BYK 916 MCU, the full-speed USB communication protocol meets the speed requirements in competitive games, and supports USB online update

3. 线材为全铜芯线材，Type-C设计，方便拔插携带，线长约1.6米
The wire is all copper core wire, Type-C design, easy to plug and carry, the wire length is about 1.6 meters

4. 采用国际A级高品质1.6mm FR-4双层PCB线路板
Adopt international A-level high-quality 1.6mm FR-4 double-layer PCB circuit board

5. Flash记忆，支持掉电存储
Flash memory, support power-down storage

6. 全键盘独立RGB灯光设计，每颗LED灯256等级PWM，细腻柔和，配合多种炫酷灯光效果，为游戏增添异彩，支持全键盘背光自定义
Full keyboard independent RGB lighting design, each LED light has 256-level PWM, delicate and soft, with a variety of cool lighting effects, adding splendor to the game,Support full keyboard backlight customization

7. 兼容Windows 8以上系统，Android，Mac，IOS等操作系统
Compatible with Windows 8 and above systems,, Android, Mac, IOS and other operating systems

8. 全键无冲突
No conflict for all keys

9. 电流：不同模式电流会不同
锂电池供电电流≤420mA
蓝牙模式一级休眠≤0.5mA
蓝牙模式二级休眠≤0.2mA
2.4G模式一级休眠≤1.0mA
2.4G模式二级休眠≤0.2mA

Current: Different mode current will be different
Lithium battery supply current≤ 420mA
Bluetooth mode first-level sleep≤0.5mA
Bluetooth mode secondary sleep≤0.2mA
2.4G mode first-level sleep≤1.0mA
2.4G mode secondary sleep≤0.2mA

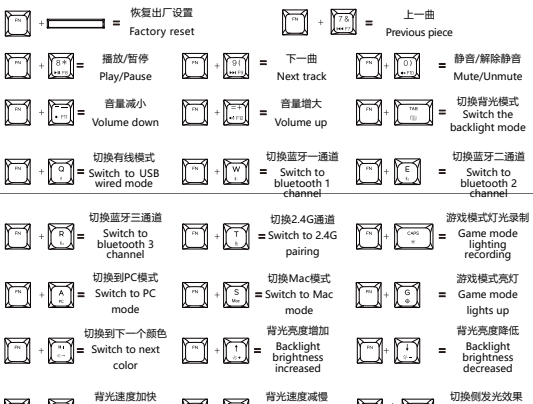
10. 数据线 USB 电压范围：4.5V～5.5V；锂电池电压范围 3.3V～4.2V
Date cable USB voltage range:4.5V~5.5V; Lithium battery voltage range:3.3V~4.2V

11. USB 2.0全速连接设备，支持1000报告率
USB 2.0 full speed connection device, support 1000 report rate

12.内置锂电池4000mA
Built-in lithium battery 4000mA
※：若长时间不使用键盘时，建议将键盘的电源开关拨至OFF
If the keyboard is not used for a long time, it is recommended to return the power switch of the keyboard to OFF

（三）FN+组合键功能说明
FN+key combination

①. Windows和Mac共用组合键



②. Windows 系统组合键

③.MAC多媒体按键

MAC系统视是否在《系统偏好设置》--《键盘》勾选了《将F1、F2等按键用作标准功能键》有关，当匹配Windows系统时，请将键盘切换到PC模式;当匹配IOS/MAG系统时，请将键盘切换到MAC模式

MAC on System Preferences-Keyboard Check use F1,F2 keys as standard function keys, switch to PC mode when matching Windows system; when match IOS/MAC system, switch to MAC mode

（四）功能灯光说明

functional lighting description

1. 当处于大写时，Caps Lock 按键的LED白光常亮，小写时此LED与背光同步

When in uppercase, the LED of the Caps Lock button is always on in white, and in lowercase, the LED is synchronized with the backlight

2、执行FN+退格键 + F1排与数字排转换，当此排处于F1等功能键排时，长按FN按键，退格键灯光亮白色;当此排处于数字键时，长按FN按键，退格键灯光亮绿色，放开FN键，退格键的灯光与背光同步，恢复出厂设置此排为数字排的功能记忆掉电前的模式

Execute FN + backspace + the F1 row and the number row are converted, when this row is in the F1 and other function key row, press and hold the FN button, the backspace key light turns white; when this row is in the number key, long press the FN button , the light of the backspace key is green, release the FN key, the light of the backspace key is synchronized with the backlight, and restore the factory settings. This row is the function of the digital row and remembers the mode before power failure.

3、执行 FN+G + 进入游戏模式亮灯，亮红灯

Execute FN+G + to enter the game mode and light up, light up in red

4. 执行FN+Tab + 切换背光模式

Execute FN+Tab + to switch the backlight mode

5. 执行FN+ WIN + 锁住键盘，此LED白光闪烁。再次执行解锁，此LED与背光同步(windows系统)

Execute FN+WIN + to lock the keyboard, this LED always in white. Unlock is performed again, this LED is synchronized with the backlight （windows system）

6. 执行FN+Q + 键盘转换到USB有线模式，且TYPE-C数据线连接到电脑的USB端口并成功识别到，模式指示灯绿灯长亮，模式指示灯位置为

Execute FN+Q + to switch the keyboard to USB wired mode, and the TYPE-C data cable is connected to the USB port of the computer and successfully recognized, the mode he indicator light flashes green and then stays on, the mode indicator position is

7. 执行FN+W + 短按一秒为切换到蓝牙一通道，做切换时，模式转换指示灯蓝色灯光慢闪（若蓝牙一通道已成功配对到设备，那么回连成功后蓝色灯光常亮；若从未配对过，此LED蓝色灯光慢闪1分钟后键盘进入休眠状态）；长按FN+W 约三秒为蓝牙一通道广播，在广播时通道指示灯蓝色灯光快闪，进入蓝牙对频，蓝牙连接成功后，对应蓝牙一通道模式指示灯为蓝色灯光长亮

Short press FN+W + for one second to switch to the first bluetooth channel. When switching, the blue light of the mode witching indicator flashes slowly (if the bluetooth is connected If the channel has been successfully paired to the device, the blue light will be always on after the connection is successful; if it has never been paired, the blue LED will flash slowly for 1 minute The keyboard enters the sleep state); press and hold FN+W for about three seconds to broad-cast a Bluetooth channel, and the channel indicator blue light flashes quickly during broadcast. Enter the bluetooth pairing after the bluetooth connection is successful, the corresponding bluetooth one channel mode indicator is blue light long on

8. 执行FN+E + 短按一秒为切换到蓝牙二通道，做切换时，模式转换指示灯紫色灯光慢闪（若蓝牙二通道已成功配对到设备，那么回连成功后紫色灯光常亮；若从未配对过，此LED紫色灯光慢闪1分钟后键盘进入休眠状态）；长按FN+E 超过三秒为蓝牙二通道广播，在广播时通道指示紫色灯光快闪，进入蓝牙对频，蓝牙连接成功后，对应蓝牙二通道模式指示灯为紫色灯光长亮

Short press FN+E + for one second to switch to the second bluetooth channel. When switching, the purple light of the mode change indicator flashes slowly (if it has been successfully paired to the device, the purple light will be always on after the connection is successful; if it has never been paired, the purple light will flash slowly for 1 minute.The keyboard enters the sleep state); long press FN+E for more than three seconds for the Bluetooth two two-channel broadcast, the channel indicator purple light flashes quickly during the broadcast, Enter the bluetooth pairing, after the bluetooth connection is successful, the corresponding bluetooth two-channel mode indicator will be purple light long on

9. 执行FN+R + 短按一秒为切换到蓝牙三通道，做切换时，模式转换指示灯青色灯光慢闪（若蓝牙三通道已成功配对到设备，那么回连成功后青色灯光常亮；若从未配对过，此LED青色灯光慢闪1分钟后键盘进入休眠状态）；长按FN+R 约三秒为蓝牙三通道广播，在广播时通道指示灯青色灯光快闪，进入蓝牙对频，蓝牙连接成功后，对应蓝牙三通道模式指示灯为青色灯光长亮

Execute FN+R and short press for one second to switch to the three-channel bluetooth. If it has been successfully paired to the device, the cyan light will be always on after the connection is successful; if it has never been paired, the cyan LED will flash slowly after 1 minute. The keyboard enters the sleep state); long press FN+R for about three seconds for the Bluetooth three-channel broadcast. During the broadcast, the blue light of the channel indicator flashes quickly, and the Enter the Bluetooth pairing, after the Bluetooth connection is successful, the corresponding bluetooth three-channel mode indicator is cyan light for a long time

10. 执行FN+T + 短按一秒为切换到2. 4G模式，做切换时，模式转换指示灯红色灯光慢闪（若2. 4G模式已连接到键盘附带的2. 4G接收器，那么此模式指示灯红色灯光常亮；若从未检测到2. 4G接收器或本身未进行配对，此LED红色灯光慢闪约10秒后键盘进入休眠状态）；长按FN+T 约3秒为2. 4G模式对频，在对频时通道指示灯红色灯快闪，此时插上键盘附带的2. 4G接收器到电脑USB端口进入2. 4G对频（时间为20秒以内），2. 4G连接成功后, 对应2. 4G通道模式指示灯为红色灯长亮

Short press FN+T for one second to switch to 2.4G mode. When switching, the red light of the mode switching indicator flashes slowly (if the 2.4G mode is connected Connected to the 2.4G receiver attached to the keyboard, the red light of this mode indicator is always on; if the 2.4G receiver has never been detected or the After pairing, the red LED light flashes slowly for about 10 seconds and the keyboard enters the sleep state); long press FN+T for about 3 seconds to pair the frequency in 2.4G mode.The red light of the channel indicator flashes quickly during pairing. At this time, plug the 2.4G receiver attached to the keyboard to the USB port of the computer to enter the 2.4G pairing (time within 20 seconds), after the 2.4G connection is successful, the corresponding 2.4G channel mode indicator will be a long red light

11. 执行FN+A + 转换到PC模式，PC指示灯亮起

Execute FN+A to switch to PC mode, the PC indicator is on

12. 执行FN+S + 转换到Mac模式，MAC指示灯亮起

Execute FN+S to switch to Mac mode, the MAC indicator is on

13. 执行FN+ CAPS + 游戏模式亮灯之灯光录制，操作步骤如下：

①：首先按FN+G + 进入到游戏背光：亮红灯

②：按下FN+CAPS + **PC/MAC指示灯闪烁，进入灯光录制模式**

③：录制点亮LED时，只需要按下对应的按键即可。灯光颜色说明：同一个按键按一次=红色；按二次=绿色；按三次=蓝色；按四次=橙色；按五次=紫色；按六次=青色；按七次=白色；按八次=无色；

④：重复步骤3录制其他LED

⑤：录制完毕后，再次按下FN+CAPS + 保存已录制的灯光（默认背光被取代）

Execute the light recording of the FN+CAPS + game mode lighting, the operation steps are as follows:

①: First press FN+G + to enter the game backlight: lights up red

②: Press FN+CAPS + The PC/MAC indicator light blinkes, enter the light recording mode

③: When recording to turn on the LED, just press the corresponding button. Light color description: Press the same button once = red; press twice = green; three presses = blue; four presses = orange; five presses = purple; six presses = cyan; seven presses = white; eight presses = colorless

④: Repeat step 3 to record other LEDs

⑤: After recording, press FN+ CAPS + again to save the recorded lights (the default backlight is replaced)

14. 执行FN+ ↑ + 背光亮度增强

Execute FN+ ↑ + to increase the backlight brightness.

15.执行FN+左Ctrl + 切换到下一个侧光模式：流光（默认），光谱循环，渐变呼吸，红色，橙色，黄色，绿色，青色，蓝色，紫色，白色，关闭

Execute FN+left Ctrl + to switch to the next side light mode: Streamer (default) , Spectral Cycle , Gradient Breathing , Red , Orange , Yellow , Green , Cyan , Blue , Purple , White, Off

16. 执行FN+“ ’ 切换到下一个颜色：红色、绿色、蓝色、黄色、紫色、青色、白色、彩色循环（部分背光模式有效）

Execute FN+ “ ’ to switch to the next color: red, green, blue, yellow, purple, cyan, white, color cycle (partial back Light mode is valid)

18. 执行FN+← 背光速度加快

Execute FN+← to increase the backlight speed.

19. 执行FN+↓ 背光亮度减弱

Execute FN+ ↓ the backlight brightness will be weakened.

20. 执行FN+→ 背光速度减慢

Execute FN+→ the backlight speed will slow down.

21.右上角旋钮顺时针转动为音量加大，逆时针转动为音量减小，按键为静音/解除静音。

Turn the knob in the upper right corner clockwise to increase the volume, turn it counterclockwise to decrease the volume, and press the button to mute/unmute

(五)电量、充电指示LED位置符号为

The position symbol of the power and charging indicator LED is

1. 当电池电压低于约3. 3V时，此LED红光闪烁

When the battery voltage is lower than about 3.3V, this LED flashes red.

2. 此时请插上键盘附带的TYPE-C线材，连接到电脑，且给键盘锂电池充电，充电时，此LED蓝光常亮。当电量达到饱和时，此LED绿光常亮（无论键盘处于什么模式，连接TYPE-C数据线到电脑或DC 5V电源，都具备给键盘锂电池充电）

At this time, please plug in the TYPE-C wire that comes with the keyboard, connect it to the computer, and the lithium battery of the keyboard will be charged. When charging, this LED blue light is always on. When fully charged, this LED is solid green (regardless of the keyboard connected the TYPE-C data cable to the computer or DC 5V power supply, all have the ability to charge the keyboard lithium battery)

(六)关于休眠

About hibernation

1. 当键盘连接到USB端口，无论在蓝牙模式还是2. 4G模式，键盘都不会进入休眠

When the keyboard is connected to the USB port, whether in Bluetooth mode or 2.4G mode, the keyboard will not go to sleep

2. 当键盘处于蓝牙各通道或2. 4G模式，键盘静置300秒后，键盘进入1级休眠，背光关闭，按任意按键重新启动背光；然后键盘再继续静置超过30分钟后，键盘进入2级休眠，进入2级休眠后，按任意键进入回连

When the keyboard is in the bluetooth channel or 2.4G mode, after the keyboard is left to stand for 300 seconds, the keyboard enters level 1 sleep, the backlight is turned off, press Press any key to restart the backlight; then after the keyboard continues to stand for more than 30 minutes, the keyboard enters sleep level 2 and enters level 2 After hibernation, press any key to connect back

(七) FN+TAB 切换17种背光模式

FN+TAB switch 17 backlight modes

键盘上电后，灯光川流不息模式跑完后，恢复掉电前灯光状态

After the keyboard is powered on, after the continuous light flow mode is finished, the light state before power off will be restored.

序号	灯光名称	灯光亮度	灯光速度	灯光颜色
1	随波逐流 go with the flow	√	√	√
2	如影随形 follow the shadows	√	√	√
3	正弦光波 sine wave	√	√	√
4	左右扫描 Scan left and right	√	√	√
5	旋转风车 rotating windmill	√	√	
6	七彩瀑布 colorful waterfall	√	√	
7	花开富贵 rich flowers	√	√	
8	常亮模式 Always on mode	√		√
9	呼吸模式 breathing pattern	√	√	√
10	梦幻彩虹 fantasy rainbow	√	√	
11	一触即发 Triggered	√	√	√
12	雨中漫步 walking in the rain	√	√	√
13	彩虹轮盘 Rainbow Roulette	√	√	√
14	按键涟漪 key ripple	√	√	√
15	繁星点点 starry	√	√	√
16	踏雪无痕 Snow without a trace	√	√	√
17	川流不息 The flow is endless	√	√	√