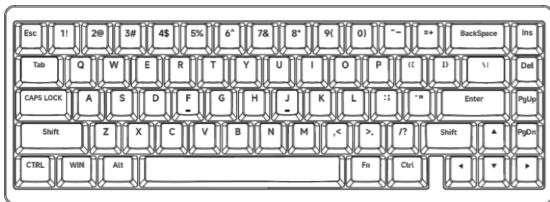


## 客制化机械键盘



### 全键 无冲键盘

#### 一、 键盘概述

- 高端超炫背光机械键盘。。
- 紧凑型键位布局，精简设计，极大地节省桌面空间。
- RGB灯光，自带多种酷炫灯光模式。
- 适配系统：Windows XP、Win7、Win8、Win10、 macOS

#### 二、 模式切换

##### 1.蓝牙模式：两档开关打到“ON”

- 1)长按FN+Q 切换为 BT1 蓝牙通道1，Q键处以 2.5Hz 快速闪烁，对码成功后停止闪烁。
- 2)长按FN+W 切换为 BT2 蓝牙通道2，W键处以 2.5Hz 快速闪烁，对码成功后停止闪烁。
- 3)长按FN+E切换为 BT3 蓝牙通道3，E键处以 2.5Hz 快速闪烁，对码成功后停止闪烁。
- 4)短按 FN+Q,W,E 进行蓝牙通道切换，相应蓝牙通道进行回连，相应指示灯以 0.5Hz 慢速闪烁回连成功后停止闪烁。

##### 2.2.4G模式：两档开关打到“ON”

三模键盘出厂已经对码好，把2.4G适配器插到设备USB2.0接口，短按 FN+R即可使用。重新对码：长按FN+R 切换为 2.4G 对码模式，R键以 2.5Hz 快速闪烁，插上2.4G适配器，对码成功后停止闪烁。（需要提前定制程序及2.4G适配器）

##### 3.有线模式：两档开关打到“OFF”

用数据线把键盘与电脑连接，等待自动安装驱动后，即可使用键盘。两档开关需要短按FN+TAB 切换到有线模式。

#### 4.省电说明：

- 1)省电设计：无线模式下 ，2分钟没有按键按下，键盘背光自动关闭，键盘进入待机状态；30分钟无操作，键盘进入深度休眠，同时断开 2.4G 或蓝牙，关闭所有 LED。按任意键退出休眠。
- 2)USB 有线模式永不休眠。

#### 一、 指示灯：

- Caps Lock 灯在该按键处，打开时该按键亮白色灯光，以实物效果为准。
- Win lock灯在该按键处，打开时该按键亮白色灯光，以实物效果为准。
- 充电指示灯在FN边处，充电时亮红色，充满电时亮绿色，低电压时闪红色。
- 无线对码灯在Q/W/E/R键处，对码时该按键快闪白色灯光，以实物效果为准。

#### 二、 灯光调节

- 本机支持多种灯光效果。
- Fn+ \| 键，可切换主键区灯光效果，出厂自带多种灯效。
- Fn+ ]} 键，可切换主键区灯光颜色（ RGB版本）。
- Fn+ ↓ / ↑键，可调节主键区灯光亮度。
- Fn+ ← / →键，可调节主键区灯效速度。

- 游戏灯光及自定义灯光（不同机型数量不同，以实物为准）

- FN+N =灯光录制/灯光保存
- FN+右Shift+1 =自定义灯光1
- FN+右Shift+2 =自定义灯光2
- FN+右Shift+3 =游戏灯光3
- FN+右Shift+3 =游戏灯光4

- FN+右Shift+3 =游戏灯光5
- FN+右Shift+3 =游戏灯光6

#### 五、 旋钮多媒体版本功能(此功能只有对应旋钮版本的键盘才有该功能)：

1. 长按编码器按键= 编码器灯光模式：**Del**指示灯闪白光亮3次短按编码器按键，切换背光模式：顺时针旋转增加背光亮度，逆时针旋转降低背光亮度。
2. 长按编码器按键= 编码器音量模式：**Del**指示灯闪白光亮3次短按编码器按键，打开关闭静音：顺时针旋转增加音量，逆时针旋转降低音量。

#### 六、 其他Fn组合键（部分机型有些组合键没有）

- FN+A=切换至Windows系统
- FN+S=切换至macOS系统（亮S键提示），左ALT与左WIN互换位置
- FN+WIN=锁定/解锁WIN键（亮WIN键提示）
- FN+X =电量显示模式，灯光的多少表示电量（无线模式且不充电时有效）
- FN+Z=关闭/打开复合指示灯（充电指示灯FN，锁Win键，Caps Lock，等）。关闭时跟随背光变化。
- FN+Space=开关背光灯
- FN+ESC=长按3秒恢复出厂设置

- FN+DEL=INS (Z66机型)
- FN+PGUP=HOME (Z66机型)
- FN+PGDN=END (Z66机型)
- FN+U=Print Screen
- FN+I=Scroll Lock

- FN+ O=Pause Break
- FN+ J =Insert
- FN+ K=Home
- FN+ L=Page Up
- FN+M=Delete
- FN+,<=End
- FN+.>=Page Down

- FN+ESC=`~ (没单独F区机型)
- FN+1 =F1(没单独F区机型)
- FN+2 = F2(没单独F区机型)
- FN+3 = F3(没单独F区机型)
- FN+4 = F4(没单独F区机型)
- FN+5 = F5(没单独F区机型)
- FN+6 = F6(没单独F区机型)
- FN+7 = F7(没单独F区机型)
- FN+8 = F8(没单独F区机型)
- FN+9 = F9(没单独F区机型)
- FN+0 =F10(没单独F区机型)
- FN+ - =F11(没单独F区机型)
- FN+ +=F12(没单独F区机型)
- FN+左Ctrl=切换F区与数字区(没单独F区机型)

Windows	macOS系统
FN+F1=我的电脑	F1=屏幕亮度减
FN+F2=主页	F2=屏幕亮度加
FN+F3=邮件	
FN+F4=计算器	
FN+F5=播放器	
FN+F6=停止	
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=音量减	F11=音量减
FN+F12=音量加	F12=音量加

### Full key anti-ghost keyboard

#### I. Keyboard Overview

- Super cool backlit mechanical keyboard.
- Compact key layout, streamlined design, great desktop space saving.
- RGB lighting, comes with a variety of cool lighting modes.
- Adaptable system: Windows XP, Win7, Win8, Win10, macOS

#### II. Mode switching

##### 1.Bluetooth mode: two-position switch to "ON"

- 1)Long press FN+Q to switch to BT1 Bluetooth channel
1. The Q key flashes rapidly at 2.5Hz and stops flashing after successful code matching.
- 2)Long press FN+W to switch to BT2 Bluetooth channel
2. The W key flashes rapidly at 2.5Hz and stops flashing after successful code matching.
- 3)Long press FN+E to switch to BT3 Bluetooth channel 3. The E key flashes rapidly at 2.5Hz and stops flashing after successful code matching.
- 4)Short press FN+Q, W, E to switch the Bluetooth channel, connect the corresponding Bluetooth channel back, and the corresponding indicator light will flash slowly at 0.5Hz. After successful connection, it will stop flashing.

##### 2.2.4G mode: Two-position switch to "ON".

- 1)The tri-mode keyboard has been coded at the factory,

plug the 2.4G receiver into the USB2.0 port of the device, and press FN+R briefly to use it.

- 2)Re-coding: Long press FN+R to switch to 2.4G coding mode, the R key blinks rapidly at 2.5Hz, plug in the 2.4G receiver, and the blinking stops after successful coding. (Need to customize the program and 2.4G adapter in advance)

##### 3.Wired mode: 2-position switch to "OFF".

- 1)Connect the keyboard to your computer with a data cable and wait for the driver to be installed automatically, then you can use the keyboard.
- 2)The two-position switch requires a short press of FN+TAB to switch to the wired mode

##### 4.Power Saving Instructions：

- 1)Power saving design: under wireless mode, no key press for 2 minutes, the keyboard backlight will turn off automatically and the keyboard will enter standby mode; no operation for 30 minutes, the keyboard will enter deep hibernation, and at the same time, disconnect the 2.4G or Bluetooth, turn off all the LEDs; press any key to exit hibernation.
- 2)USB wired mode never sleeps.

##### III. Indicator lights：

- 1)Caps Lock indicator is at the key, the key lights up white when it is turned on, subject to the actual effect.
- 2)Win lock indicator is at the key, the key lights up white

when it is turned on, subject to the actual effect.

- 3)Charging light is at the side of FN, it lights red when charging, green when fully charged, and flashes red when low voltage.

4)Wireless code pairing light is at the Q/W/E/R key, the key flashes white light when code pairing, subject to the physical effect.

##### IV. Lighting adjustments：

- This machine supports multiple lighting effects.
- Fn+ \| key, you can switch the main key area light display effect, the factory comes with a variety of light effects.
- Fn+ ]} key, you can switch the main key area light color (RGB version).
- Fn+ ↓ / ↑ key, you can adjust the brightness of the main key area light.
- Fn+ ← / → keys, you can adjust the speed of the main key area light effect.
- Game Lights and Customized Lights (quantity varies for different models, subject to the real thing)
- FN+N = light recording / light saving

- FN+Right Shift+1 =Customize Lighting 1
- FN+Right Shift+2 =Custom Lighting 2
- FN+Right Shift+3 =Game Light 3
- FN+Right Shift+3 = Game Light 4
- FN+Right Shift+3 = Game Light 5
- FN+Right Shift+3 = Game Light 6

**V. Knob multimedia version function** (this function is only available for the corresponding knob version of the keyboard)：

- Long press on encoder button = Encoder light mode:** Del indicator flashes white light 3 times
- 1)Short press the encoder button to switch the backlight mode;
- 2)Turn clockwise to increase the backlight brightness, counterclockwise to decrease it.

- Long press on encoder button = Encoder light mode:** Del indicator flashes white light 3 times
- 1)Short press the encoder button to turn mute on and off;
- 2)Turn clockwise to increase volume, counterclockwise to decrease volume.

##### VI. Fn key combinations (some models do not have some key combinations)

- FN+A = switch to Windows
- FN+S = switch to macOS system (light up S key prompt), the Left ALT swaps places with left WIN
- FN+WIN = lock/unlock WIN key (light up WIN key prompt)
- FN+X = power display mode, the amount of light indicates the power level (effective in wireless mode and not charging)

- FN+Z = turn off/on composite indicator lights (charging indicator FN, lock Win key, Caps Lock, etc.). Follows backlight changes when off.
- FN+Space = switch backlight on/off
- FN+ESC = long press for 3 seconds to restore factory settings

FN+DEL=INS (Z66 model)	FN+ESC=`~ (without separate F section model)
FN+PGUP=HOME (Z66 model)	FN+1=F1 (no separate F block model)
FN+PGDN=END (Z66 model)	FN+2=F2 (no separate F block model)
FN+U=Print Screen	FN+3=F3 (no separate F block model)
FN+I=Scroll Lock	FN+4=F4 (no separate F block model)
FN+O=Pause Break	FN+5=F5(no separate F block model)
FN+J=Insert	FN+6=F6 (no separate F block model)
FN+K=Home	FN+7=F7(no separate F section model)
FN+L=Page Up	FN+8=F8 (models without separate F section)
FN+M=Delete	FN+9=F9 (no separate F block model)
FN+,<=End	FN+0=F10(no separate F block model)
FN+.>=Page Down	FN+ - =F11 (without separate F-zone models)
	FN+ +=F12 (there is no separate F-zone model)

Windows macOS system	Windows macOS system
FN+F1=My Computer	F1=Screen Brightness Reduction
FN+F2=Home page	F2=Screen brightness increase
FN+F3=Email	
FN+F4=Calculator	
FN+F5=Player	
FN+F6=Stop	
FN+F7=Previous Song	F7=Previous Song
FN+F8=playback pause	F8=playback pause
FN+F9=Next Song	F9=Next Song
FN+F10=Mute	F10=Mute
FN+F11=Volume decrease	F11=Volume decrease
FN+F12=Volume+	F12=Volume+