❑MCU 硬件规格：MCU specifications

机械键盘为高性能 Flash 单片机，支持 USB2.0 (全速 12Mbps)传输模式下，控制、中断和批量数据传输功能，响应速度快。

Mechanical keyboard is High-speed Flashed keyboard, and support USB2.0, Under such USB2.0 speed-mode, the control & stop, and whole data-transfer's speed is very faster than normal keyboard.

MCU 硬件参数如下： Specifications:

高速、流水结构的微控制器内核 High-speed MCU

功耗控制支持空闲模式和睡眠模式 MCU can supports free-time model & sleep mode

内部 RAM 数据存储器 Built-in RAM data saver

16K * 8Bit FLASH 程序存储器 Built-in 16Kx8Bit flash

工作电压：VDD = 3.3V - 5.5V Working Votage: VDD=3.3V-5.5V

❑灯光特效模式切换顺序：LED light modes:

- 按 FN+INS，进入“呼吸模式” Press FN+INS for Flow mode
  键盘整体背光模拟呼吸节奏，实现背光亮度由灭至最高亮度的曲线变化。
  Flow mode means LED light from lighting to off-light changing automatically and circlely
- 再次按下，进入“上至下跑马模式”Press again for: Runing mode
  键盘背光由第一组到第六组依次点亮。
  LED backlight will be lighting from Keys 1 to Keys 6 Set.
- 再次按下，进入“下至上跑马模式” Press again for: Running mode2
  键盘背光由第六组到第一组依次点亮。
  LED backlight will be lighting from Key 6 sets to Keys 1.
- 再次按下，进入“扩散模式” Press again for Spread Mode
  键盘背光由中间向两边依次点亮。
  LED backlight will lighting from center to spreading to outside.
- 再次按下，进入“内收模式” Press again for Spread mode 2
  键盘背光由两边到中间依次点亮。
  LED backlight will lighting from outside to center.
- 再次按下，进入“跳格跑马模式” Press again for Radom running.
  键盘背光按一三五二四六顺序依次点亮。
  LED light will be lighting randomly, like key 1.3.5, and so on.
- 再次按下，进入“单点扫亮模式” Press again for key set light.

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按下一个键对应的那一排背光灯点亮 2 秒。

LED light to light for one set's key when press one key of one set.

- 再次按下，进入“流光溢彩模式” Press again from colorful mode
  键盘背光亮度由上至下依次流动变换，如同水面波光粼粼不断涌动。
  LED light will be lighting from up to down, like falling water.
- 再次按下，进入“常亮模式” Press again from on-lighting
  键盘整体背光常亮。
  LED backlight will light full time.

❑其他组合键功能定义：

FN+F1= 播放器 /CD
FN+F2=音量- /Volume-
FN+F3=音量+ /Volume+
FN+F4=静音 /Mute
FN+F5=停止 /CD Stop
FN+F6=上一曲 /Prev Track
FN+F7=播放/暂停 / Play/Pause
FN+F8=下一曲 / Next Track
FN+F9=邮件 / Email
FN+F10=主页 / IE
FN+F11=我的电脑 / Computer
FN+F12=计算器 / Cakulator

FN+W=方向键互相切换，可以使 W S A D 跟↑↓←→进行互换。
FN+W: direction keys function can be changeable. It supports W.S.A.D keys & ↑↓←→ to be changeable.
FN+WIN
FN+WIN 键后代表 WIN 键已经锁定不可以使用，再次按 FN+WIN 键后 WIN 键解除锁定可以正常使用。可以方便玩家在游戏时误碰 WIN 键而弹回桌面而烦恼。
FN +WIN: 1st press for locking WIN function.
Press again to unlock WIN function.

FN+Ins = 功能模式切换（模式切换顺序，请见前述说明）
Mode change function.

FN+"↑/↓"=亮度调节（呼吸和流光除外）
FN+"↑/↓" increaseing or decreasing LED backlight, (exclude Flow & Falling mode)
FN+"←/→"=快慢调节（呼吸和常亮除外）
FN+"←/→" Control Backlight's changing speed (exclude Flow & full-time light mode)

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FCC Caution:
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.
Any changes or modifications not expressly approved 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 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.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.