

※此说明书为有线RGB版本和三模RGB版本共用，此文版图为三模版本，以下操作有区分两种键盘的说明，具体操作请以实物为准。

包装内容(套件没有轴和键帽)

- | | |
|------------------------|---------------------------|
| 1. 游戏键盘 -----1PCS | 4. 二合一拔键器 -----1PCS |
| 2. 使用说明书 -----1PCS | 5. 合格证 -----1PCS |
| 3. TYPE-C连接线 -----1PCS | 6. 2.4G接收器----1 PCS(三模版本) |

规格参数

接口: 符合 USB 规范 V1.1; 支持USB1.0/1.1; 兼容USB 2.0/3.0
操作系统: WINDOWS XP/7/8/10/MAC V10.X

三模键盘版本

连接模式: 2.4G/有线/蓝牙
按键数量: 99键
开关类型: 机械轴, 支持热插拔
支持防冲键数: 全键无冲
充电电压: 3.7V
工作电流: 280mA
电池规格: 4000mA/H
Type-C编织线: 1.5m
尺寸: 443.97*134.52*44.8mm±1mm
重量: 1050g±5%(不含线材)

功能说明

(以下功能操作以三模键盘为例，有线单模键盘部分功能无法实现，无2.4G和蓝牙功能具体请以实物功能为准)

1. Fn组合键功能

1. 开机白光跑马，跑马完成后，背光恢复到之前的灯光模式，按键背光默认流光
2. FN 组合功能:
3. 拨动开关靠近 TEPY-C为2.4G模式，中间为USB，另外一端为BT 靠近TEPY-C为MAC 另外一端为 WIN

FN + ESC = 复位 3S	FN + F7 = 上一曲
FN + F1 = 屏幕亮度-	FN + F8 = 播放/暂停
FN + F2 = 屏幕亮度+	FN + F9 = 下一曲
FN + F3 = 多屏显示(WinTab)	FN + F10 = 静音
FN + F4 = 主页	FN + F11 = 声音-
FN + F5 = 我的电脑	FN + F12 = 声音+
FN + F6 = 搜索	

FN + DEL = ON/OFF 背光 带记忆	
FN + ← = 调节背光灯方向(部分可调)	
FN + → = 调整背光灯模式	
FN + ↑ = 背光灯亮度加 NUM CAPS WIN闪烁	
FN + ↓ = 背光灯亮度减 NUM CAPS WIN闪烁	
FN + =+ = 背光灯效速度加快 共5档速度可调，调至极限档位时NUM CAPS WIN闪烁	
FN + -= = 背光灯效速度减慢 共5档速度可调，调至极限档位时NUMCAPS WIN闪烁	

FN + V = 灯条灯效切换 默认 RGB 流光	
FN + ENTER = 灯条颜色切换 红橙黄绿青蓝紫白	
FN + PGUP = 灯条亮度+ 共5档速度可调，调至极限档位时CAPS SCROLL闪烁	
FN + PCNDN = 灯条亮度- 共5档速度可调，调至极限档位时CAPS SCROLL闪烁	

FN + [I] = 灯条速度-	FN +] = 灯条速度+
FN + 1! = M99 Bt1	FN + 4\$ = 2.4G
FN + 2@ = M99 Bt2	FN + Ctrl-R = 电量查询锁
FN + 3# = M99 Bt3	FN + WIN-L = WIN(MAC 无锁 WIN)

2. 键盘底部开关说明



- ①当拨动开关拨到2.4G位置时，为2.4G模式;
②当拨动开关拨到BT时，为蓝牙模式;
③当拨动开关拨到USB时为关闭电池电源;
④当系统切换开关拨到MAC时为MAC系统，当拨到WIN时为WIN系统。
(有线版本只有系统切换开关)

3. 灯光自定义功能

1. 按下 FN+~ 调用自定义背光，仅支持一组自定义记忆灯光。
2. 自定义灯光编辑: 按下 FN+~ 调用自定义背光后，再次按下 FN+~ 开始编辑灯光，此时 CAPS WIN LOCK灯开始闪烁，直接按要定义的按键，每按一下按键点亮或关闭该按键的灯

4. 模式设定及配对

1. 3档拨动开关控制 USB BT 2.4G 模式: 拨动开关拨到对应的档位进入对应的键盘模式!
2. 3秒钟不动键盘，键盘自动进入一级休眠，此时灯光关闭，蓝牙或者 2.4G 处于连接状态。按键唤醒同时有按键输出，键盘不动，10分钟后进入二级休眠状态，此时键盘无线处于断链状态，按键盘按键第一下不出按键，唤醒键盘自动回连，回连正常后才够按键输出
3. 工作电流小于 320MA，一级休眠模式，电流小于500UA，二级休眠状态电流小于30UA

在无线模式下支持无线模式切换、配对、对码:

蓝牙1: Fn+1 (短按切换，长按配对)
LOGO 灯条蓝色指示，配对时快闪，回连时慢闪，连接成功后蓝牙独立指示灯常亮2秒后恢复到整体背光灯效: 配对1分钟未成功进入休眠，回连20S未成功进入休眠。

蓝牙2: Fn+2短按切换，长按配对)
LOGO 灯条紫色指示，配对时快闪，回连时慢闪，连接成功后蓝牙独立指示灯常亮2秒后恢复到整体背光灯效: 配对1分钟未成功进入休眠，回连20S未成功进入休眠。

蓝牙3: Fn+3短按切换，长按配对)
LOGO 灯条青色指示，配对时快闪，回连时慢闪，连接成功后蓝牙独立指示灯常亮2秒后恢复到整体背光灯效: 配对1分钟未成功进入休眠，回连20S未成功进入休眠。

2.4G : Fn+4 短按切换，长按配对)
LOGO 灯条绿色指示，对码时快闪，回连时慢闪，连接成功后蓝牙独立指示灯常亮2秒后恢复到整体背光灯效: 对码1分钟未成功进入休眠，回连20S未成功进入休眠。

5. 电量指示灯: 锂电池(3.7V)

充电模式下:
1. FN+CTRL-R: 灯条绿色流光表示正在充电，灯条绿色常亮表示已经充满
2. 电量电量查询模式:

6. 指示灯

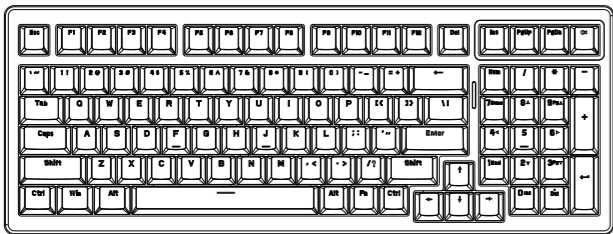
NUM CAPS WIN 按键指示灯白色指示，锁定常亮，不锁定跟随灯效

7. 设备名称

有线连接后显示: M99
2.4G 连接后显示: M99keyboard2.4G (三模版本)
连接后显示: M99-BT1/2/3 (三模版本)

FN+CTRL-R: 显示电量如下:

按住 FN+ 右 CTRL 时，指示灯改为电量指示，松开时恢复设定的灯效
50%-100% 电量: 灯条亮绿色
30%-50% 电量: 灯条亮黄色
30%以下电量: 灯条亮红色
低电模式: 整个灯条直接红色 1HZ 闪烁，表示低电，需要充电



※ This manual applies to both the Wired RGB version and Tri-Mode RGB version. The layout shown in this document corresponds to the Tri-Mode version. Differentiated operating instructions for the two keyboard versions are provided below. Please refer to the actual product for operation.

Package Contents (Kit excludes switches and keycaps)

- | | |
|-----------------------------|--|
| 1. Gaming Keyboard-----1PCS | 4. 24pin Keycap Puller-----1PCS |
| 2. User Manual-----1PCS | 5. Certificate of Conformity-----1PCS |
| 3. Type-C Cable-----1PCS | 6. 2.4G Receiver----1 PCS (Tri-Mode Version) |

Specifications

Interface: Compliant with USB Specification V1.1; supports USB 1.0/1.1; compatible with USB 2.0/3.0
Operating System: Windows XP/7/8/10 / Mac OS V10.X

Tri-Mode Keyboard Version

Connection Modes: 2.4G / Wired / Bluetooth
Number of Keys: 99 keys
Switch Type: Mechanical switches, hot-swappable
Anti-ghosting: Full-key anti-ghosting
Charging Voltage: 3.7V
Operating Current: 280mA
Battery Specification: 4000mAh
Type-C Braided Cable: 1.5m
Dimensions: 443.97*134.52*44.8mm ±1mm
Weight: 1050g ±5% (excluding cable)

Function Description

(Operations below take the tri-mode keyboard as reference. The wired single-mode keyboard lacks 2.4G and Bluetooth, and some functions cannot be used. Functions subject to the actual product.)

1. Fn Combination Key Functions

- 1.White light marquee effect upon power-on. After the marquee sequence ends, the backlight reverts to the previous lighting mode. The default key backlight is flowing light.
2. FN Combination Functions:
3. Slide Switch: Position near Type-C = 2.4G mode; Middle position = USB mode; Opposite end = BT mode. Position near Type-C = MAC system; Opposite end = WIN system.

FN + ESC = Reset (3s press)	FN + F7 = Previous Track
FN + F1 = Screen Brightness -	FN + F8 = Play / Pause
FN + F2 = Screen Brightness +	FN + F9 = Next Track
FN + F3 = Multi-display (Win+Tab)	FN + F10 = Mute
FN + F4 = Home	FN + F11 = Volume -
FN + F5 = This PC	FN + F12 = Volume +
FN + F6 = Search	

FN + DEL = Backlight ON/OFF with memory function	
FN + ← = Adjust backlight direction (partial modes adjustable)	
FN + → = Switch backlight mode	
FN + ↑ = Increase backlight brightness (NUM/CAPS/WIN indicator flashes)	
FN + ↓ = Decrease backlight brightness (NUM/CAPS/WIN indicator flashes)	
FN + =+ = Speed up lighting effect; 5 speed levels available. NUM/CAPS/WIN indicator flashes when reaching maximum level.	
FN + -= = Slow down lighting effect; 5 speed levels available. NUM/CAPS/WIN indicator flashes when reaching minimum level.	

FN + V = Light Bar Effect Switching (Default RGB Flowing Light)	
FN + ENTER = Light Bar Color Switching (Red, Orange, Yellow, Green, Cyan, Blue, Violet, White)	
FN + PGUP = Increase Light Bar Brightness; 5 brightness levels available. CAPS/SCROLL indicator flashes when reaching the maximum level.	
FN + PCNDN = Decrease Light Bar Brightness; 5 speed levels available. CAPS/SCROLL indicator flashes when reaching the minimum level.	

FN + [I] = Decrease Light Bar Speed	FN +] = Increase Light Bar Speed
FN + 1! = M99 Bt1	FN + 4\$ = 2.4G
FN + 2@ = M99 Bt2	FN + Ctrl-R = Battery Level Check Lock
FN + 3# = M99 Bt3	FN + WIN-L = WIN Lock (Not supported on Mac)

2. Bottom Switch Instructions



1. Slide the toggle switch to the 2.4G position for 2.4G mode.
2. Slide the toggle switch to BT for Bluetooth mode.
3. Slide the toggle switch to USB to cut off battery power.
4. Slide the system switch to MAC for Mac OS; slide to WIN for Windows system. (Wired version only equipped with system switch.)

3. Custom Lighting Functions

1. Press FN+~ to activate custom backlight. Only one set of custom lighting can be saved.
2. Custom Lighting Editing: After activating custom backlight with FN+~, press FN+~ again to enter editing mode. The CAPS/WIN LOCK indicator will flash. Press the keys you want to set; each press toggles the backlight of the corresponding key on or off.

4. Mode Setting & Pairing

1. The 3-position toggle switch controls USB / BT / 2.4G modes. Slide the switch to the corresponding position to enter the matching keyboard mode.
2. After 3 minutes of inactivity, the keyboard automatically enters Level 1 Sleep: backlight turns off, Bluetooth / 2.4G remains connected. Press any key to wake up and output keystrokes directly.
If idle for another 10 minutes, it enters Level 2 Sleep; the wireless link will be disconnected. The first keypress only wakes the keyboard without output; the keyboard will auto-reconnect, and keystrokes take effect after successful reconnection.
3. Operating current: <320mA; Level 1 Sleep current: <500uA; Level 2 Sleep current: <30uA

Supports wireless mode switching, pairing and re-pairing under wireless mode.

Bluetooth 1: Fn+1 (short press to switch channel; long press to enter pairing mode).
The LOGO light bar shows blue indicator: it flashes rapidly during pairing, flashes slowly during reconnection. After successful connection, the dedicated Bluetooth indicator stays lit for 2 seconds, then reverts to global backlight effect. The keyboard enters sleep mode if pairing fails within 1 minute; it enters sleep mode if reconnection fails within 20 seconds.

Bluetooth 2: Fn+2 (short press to switch channel; long press to enter pairing mode).
The LOGO light bar shows purple indicator: it flashes rapidly during pairing, flashes slowly during reconnection. After successful connection, the dedicated Bluetooth indicator stays lit for 2 seconds, then reverts to global backlight effect. The keyboard enters sleep mode if pairing fails within 1 minute; it enters sleep mode if reconnection fails within 20 seconds.

Bluetooth 3: Fn+3 (short press to switch channel; long press to enter pairing mode).
The LOGO light bar shows cyan indicator: it flashes rapidly during pairing, flashes slowly during reconnection. After successful connection, the dedicated Bluetooth indicator stays lit for 2 seconds, then reverts to global backlight effect. The keyboard enters sleep mode if re-pairing fails within 1 minute; it enters sleep mode if reconnection fails within 20 seconds.

2.4G: Fn+4 (short press to switch channel; long press to enter re-pairing mode).
The LOGO light bar shows green indicator: it flashes rapidly during re-pairing, flashes slowly during reconnection. After successful connection, the dedicated Bluetooth indicator stays lit for 2 seconds, then reverts to global backlight effect. The keyboard enters sleep mode if re-pairing fails within 1 minute; it enters sleep mode if reconnection fails within 20 seconds.

5. Battery Indicator: Lithium Battery (3.7V)

Under charging mode:

1. FN+CTRL-R: Green flowing light on light bar indicates charging; steady green light on light bar means fully charged.
2. Battery Level Check Mode

6. Indicator Lights

NUM, CAPS and WIN indicator lights are white: steady on when locked; follow global lighting effect when unlocked.

7. Device Name

Display name via wired connection: M99
Display name via 2.4G connection: M99keyboard2.4G (Triple-mode version)
Display name via Bluetooth connection: M99-BT1/2/5 (Triple-mode version)

FN+CTRL-R: Battery level indication as follows:

Hold FN + Right CTRL, the light bar switches to battery indicator mode; release to revert to preset lighting effect.
50%-100% battery: Light bar glows green
30%-50% battery: Light bar glows yellow
Below 30% battery: Light bar glows red
Low battery mode: Entire light bar flashes red at 1Hz, indicating low battery and requiring charging.



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.

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