



AM RGB 65 用户使用手册

AM RGB 65 User Manual

感谢选购

Thank you for your purchase



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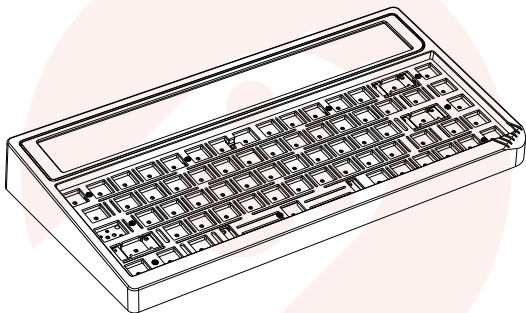
01 产品说明

产品说明

产品名称	AM RGB 65
产品型号	AM28
重量	套件 2.35 Kg, 套装: 2.5 Kg
人机角度	键盘打字角度 8°
LED 数量	5*40 动态点阵, 200 颗 LED 屏幕灯珠, 71 颗轴底灯
结构	可调节 Leaf Spring 结构
驱动	自驱, 全键无冲
键位 / 灯效自定义	Windows / Mac OS 可自定义
轴固定方式	热插拔
连接方式	有线、无线蓝牙 5.1、无线 2.4G
状态灯	CapsLock 提示灯位于数字 6 与 7 之间
USB 接口	Type-C 接口, 支持 USB 2.0 传输
电池	锂聚合物 5000mAh *2, 共 10000mAh (典型值)
整机最大功耗	8 W

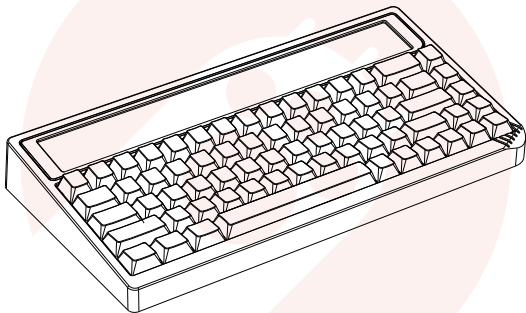
产品说明

套件



产品说明

成品套装



02 快速入门向导

快速入门向导

1. 将 RGB 65 从包装中取出
2. 第一次使用需 USB 数据线连接设备以激活
3. 长按 Fn + Esc, 开 / 关机
4. 蓝牙配对: (非插线状态) 长按 Fn + Q/W/E 3s, 至 Q/W/E 轴底灯白色常亮 (其余轴底灯灭)
5. 与目标设备蓝牙配对后, 即可使用
6. 2.4G 配对教程视频链接: <https://www.bilibili.com/video/BV18c411Q7cG>

03 快捷键示意

快捷键示意

1. 基础快捷键

功能	操作
开关机	长按 Fn + Esc 开关机
恢复出厂设置	长按 Fn + R 5s

2. 多媒体组合键

功能	操作
静音	Fn + F1
减小音量	Fn + F2
增大音量	Fn + F3
上一首	Fn + F4
下一首	Fn + F5
播放 / 暂停	Fn + F6

快捷键示意

3. 灯效快捷键

功能	操作	指示
轴底灯灯效	Fn+]	开关轴底灯
	FN+ /	轴底灯模式切换
	FN+ ← / →	轴底灯亮度降低 / 增加
LED 屏幕灯效	Fn+ [开关屏幕灯效
	FN+ X	切换屏幕灯效
	FN+ < / >	增加 / 降低屏幕亮度
	FN+ ↑ / ↓	RGB 灯效速度加快 / 减慢（轴底灯和屏幕灯 RGB 灯速度保持一致）





快捷键示意

4. 连接快捷键

功能	操作	指示
蓝牙连接	长按 Fn + Q/W/E 3s, 相应连接设备 1/2/3	1. 配对状态下: Q/W/E 蓝牙模式下连接设备 1, 长按直到 LED 屏幕图标 (需要插图) 闪烁 2. 配对成功后: Q/W/E 配对成功后停止闪烁, 屏幕恢复之前的显示模式
切换蓝牙连接设备	短按 Fn + Q/W/E, 切换设备 1/2/3	短按 Fn + Q/W/E 可在不同设备间切换, 图标提示 5 秒后, LED 恢复之前的显示模式
2.4G 连接	短按 Fn + T, 切换 2.4G 连接	
有线连接		有线状态只有插入 USB 线的那一刻提示充电闪烁, 之后不再做提示
蓝牙模式待机状态		待机 15 分钟后, 全部灯效关闭, 蓝牙不 断开。按任意键自动唤醒 有线模式默认不待机。但如果连接的电脑 关机, 键盘则会自动进入蓝牙模式, 并在 15 分钟后待机

快捷键示意

5. 电量显示

功能	操作	指示
电量提示	FN + X, 屏幕灯效切换到最后一个, 为电量显示, 或者摁 FN+P	
充电开启	充电开启后, 短暂提示充电动画 3 秒, 然后恢复到之前的屏幕灯效	
充电提示	充电时, 按 FN + X, 屏幕灯效切换到最后一个, 出现电量图标和呼吸状态的 "+" 号图标	
充满提示	右侧图标常亮 5 秒, 之后恢复为之前的屏幕灯效	
低电量提示	当电量低于 5% 时, 强制红色电量提示, 直到电量耗尽。可按 FN+【 熄屏	

6. 多媒体快捷键

Fn + 1 静音

Fn + 2 减小音量

Fn + 3 增大音量

Fn + 4 上一首

Fn + 5 下一首

Fn + 6 播放 / 暂停

04 键位说明及灯效自定义

调整步骤

1. 于 angrymiao.com/am-master/ 下载 AM Master，期间保持键盘通过 USB 连接到电脑
2. 进入 diy.angrymiao.com，顶部标签栏选择键盘型号，开始编辑键位与灯效（灯效编辑，需点击 diy 页面右下角进入）
3. 完成编辑后，生成 json 文件并下载到本地
4. 打开 AM Master，选择下载的 json 文件导入
5. 等待进度条至 100%，显示“Json 加载成功”，配置生效

* 键位分层：默认可通过按住 Fn 键，进入第 2 层。或通过短按自定义 Layer 键，直接切换至设定的对应层，最多可支持 7 层

05 拆装说明

拆装说明

热插拔 PCB 换轴提示：

请按拆装说明谨慎断开排线，取出内胆，以温和力度安装轴体
安装时，请确保轴脚为正常垂直状态，并无弯曲。如遇到无法插入的情况，请调整轴体角度、
观察轴脚并无异常情况。切忌用力过度，可能会导致轴座甚至 PCB 主板损坏



手机扫码观看拆装教程

06 Leaf Spring 手感配置

Leaf Spring 手感配置

		不锈钢弹片（偏硬，默认配置）	可替换为磷铜弹片（偏软）
	一档（软弹） （无胶塞）		
	二档（适中） （默认胶塞在二档）	默认配置	
	三档（硬） （仅三档处放胶塞）		
PCB 背贴垫（默认贴上，可撕）		1 张	
调整垫（适中，默认垫上）		1 张	
底垫 不镂空（默认垫上）		1 张	

07 包装清单

包装清单

1. 不锈钢弹片带定位柱 2PCS
2. 黑色磷铜弹片带定位柱 10PCS
3. 底垫 1PCS
4. T4 双头星型螺丝刀 1PCS
5. T6 双头星型螺丝刀 1PCS
6. T8 双头星型螺丝刀 1PCS
7. M2*3 CD 纹螺丝 (黑色) 4PCS
8. M2*4 盘头 T6 梅花槽螺丝 (银色) 6PCS
9. M2*5 沉头 T6 梅花槽螺丝 (黑色) 2PCS
10. M3 CD 纹螺丝 (黑色) 1PCS
11. 收纳袋
12. 说明书 (电子版)

08 安全须知

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板	X	O	O	O	O	O
金属零件	O	O	O	O	O	O
塑胶零件	O	O	O	O	O	O
电池	X	O	O	O	O	O
配件	X	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下;

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求, 且目前业界没有成熟的替代方案。请妥善处理此类部件或物质, 以免对环境和人体健康造成影响



根据中国电子行业标准 SJ/T 11364-2014 和相关的中国政府法规, 本产品及其某些内部或外部组件上可能带有环保使用期标识。取决于组件和组件制造商, 产品及其组件上的使用期限标识可能有所不同。组件上的使用期限标识优于产品上任何与之冲突的或不同的环保使用期限标识

警告

- 禁止拆解、撞击、挤压或投入火中
- 若出现严重鼓胀请勿继续使用
- 请勿置于高温环境中
- 电池浸水后禁止使用
- 如果电池更换不当会有爆炸危险，仅限合格的维修人员使用相同的备件执行维修操作。这可确保维持产品的安全性



09 防伪须知

防伪须知

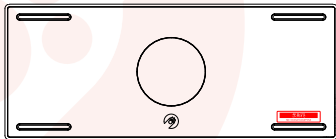
防伪声明：

为了保障您的权益及购物体验，请在产品到货后，第一时间进行防伪查询。每个 SN 码都是唯一的，且仅可以验证对应的一件商品。若无法查询到对应的 SN 码，请您仔细辨别该产品

Angry Miao 致力于为用户提供高质量的产品，我们将为产品提供注册防伪服务，凡是从官方渠道购买的产品，均可进行防伪查询

操作步骤如下：

1. 登录 <https://verify.angrymiao.com>
2. 输入 SN 码
3. 点击查询



每个防伪码都是唯一的，且仅可以验证对应的一件商品

若您发现购买到的产品无法注册或者注册失败，请您仔细辨别该产品

10 售后服务

国内售后条款

关于退换货

1. 签收快递时请务必开箱验货，如发现物流外箱破损或产品外观明显瑕疵，请直接拒收；如发现缺少零件或配件，请保留开箱的照片或视频，在 24 小时内联系我们
2. 自签收快递之日起 7 日内（包含 7 日）可以申请退货（个人定制产品除外），第 8-15 日内（包含 15 日）仅可以申请换货，或者选择免费修理
3. 对于限量产品，同一（1）件售出的产品，只能进行一（1）次退货或换货，如没有库存进行更换，只能申请退货服务
4. 以下情况不在退换货服务内：
 - 超过了规定退换货时效；
 - 产品原始包装受损，影响二次销售；
 - 非产品质量问题的人为损坏；
 - 非怒喵官方或授权平台产生的交易，比如二手平台的转单；
 - 产品内部异色、划痕、色差为正常现象，以及产品外观的细微痕迹（直径小于 0.3mm 的杂点或异色），气纹，色差等不影响使用的情况，均不在售后范围内
5. 因个人原因申请退货退款，运费将不予退还，且用户需承担产品退回的运费

国内售后条款

关于保修

当您购买的以下产品出现非人为损坏故障时，我们提供相应维修服务，请您提供相应购买凭证并在保修期限内联系我们！保修期限自快递签收之日起开始计算，对应产品保修期限如下：

客制化键盘属于高度自定义产品，我们提供 1 年保修服务，如涉及更换配件或耗材需要付费

以下情况不在保修范围内：

1. 无法提供相应的购买凭证；
2. 已经超出保修期限；
3. 意外因素或人为原因导致产品损坏，包括自行换 / 装轴导致轴变形、按键板脱焊等；
4. 未经怒喵官方授权许可的自行改装、拆卸、维修等；
5. 退换货、送修途中由于运输、装卸导致的产品损坏，包括产品遗失；
6. 因不可抗因素（如雷电、地震、火灾等）造成的产品损坏；
7. 未按使用说明书要求安装、使用、维护、保管导致产品故障或损坏

国内售后条款

售后服务指引

退换货或送修前，请核对以下内容是否准备齐全：

	主机、配件齐全	包装完整	发票 (若有)	赠品 (若有)
退货	√	√	√	√
换货	√	√		
维修	√			

1. 在免费保修期间的产品，在三包有效期内，消费者依照本规定享受修理、更换、退货的权利。如申请维修，更换下来的坏件归怒喵所有；对于检测无故障产品，将原样退回
2. 因产品不符合保修条件需收取费用的，将向消费者收取维修费，并提供维修报告



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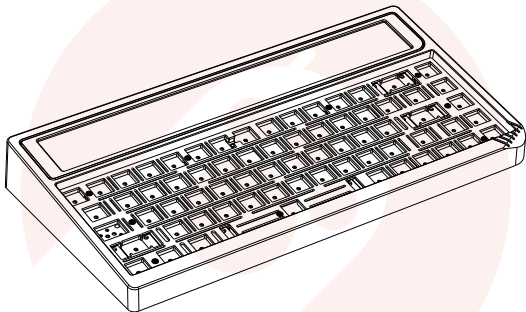
01 Product Overview

Product Overview

Product Name	AM RGB 65
Model Number	AM28
Weight	Base Kit 2.35 kg / Bundle 2.5 kg
Typing Angle	8°
LED Quantity	5*40 dot matrix, 200 LEDs, 6x in-switch LEDs
Mount	Adjustable leaf spring mount
Drivers	No additional drivers required, supports N-key rollover
Layout/Lighting Configuration	Configurable on Windows/macOS
Switch Mounting Style	Hot-swappable
Connectivity	Wired, Bluetooth 5.1, wireless 2.4G
Status Indicators	Caps Lock indicator light located between the numbers 6 and 7
USB Port	USB Type-C, supports USB 2.0 protocol
Battery	Lithium polymer 5000mAh *2, 10000mAh total (typical)
Maximum Power Consumption	8 W

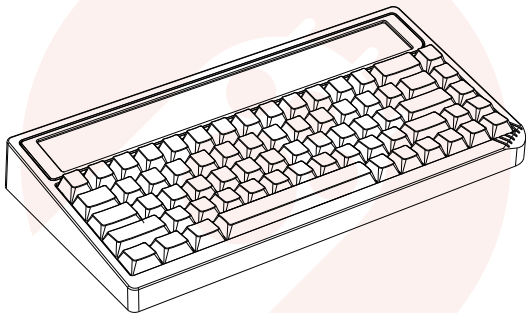
Product Overview

Base Kit



Product Overview

Bundle



02 Quick Start Guide

Quick Start Guide

1. Remove AM RGB 65 from the packaging.
2. Upon first use, plug in the USB cable to activate the keyboard.
3. Long press Fn + Esc to turn on/off the keyboard.
4. Bluetooth pairing: when not plugged in, long press Fn + Q/W/E for 3s, until the Q/W/E keys continuously light up white (other in-switch LEDs are disabled).
5. After establishing a Bluetooth connection, the keyboard can be used.
6. 2.4G pairing: connect the keyboard to the computer using the cable and pair the AM Sniper2.4 dongle in AM Master. After successfully pairing the dongle, long press Fn + T to establish a 2.4G connection.

03 Shortcut Keys

Shortcut Keys

1. Basic combos

Function	Operation
Turn on/off	Long press Fn + Esc
Factory reset	Long press Fn + R for 5s

2. RGB lighting

Function	Operation	Indicator Status
In-switch LEDs	Fn +]	Enable/disable in-switch LEDs
	FN + /	Switch between in-switch LED lighting effects
	FN + ← / →	Decrease / increase in-switch LED brightness
LED panel	Fn + [Enable/disable LED panel
	Fn + X	Switch between LED panel effects
	Fn + < / >	Decrease / increase LED panel brightness
	Fn + ↑ / ↓	Increase / decrease LED panel effect speed (consolidated with in-switch LED lighting effect speed)






Shortcut Keys

3. Connections

Function	Operation	Indicator Status
Bluetooth connection	Long press Fn + 1/2/3 to connect to device 1/2/3 respectively	<p>1. During pairing: To connect to device 1/2/3 in Bluetooth mode, press and hold Q/W/E until the LED animation starts flashing.</p> <p>2. After pairing: The animation will stop flashing after successfully pairing, and the LED panel will resume its previous display.</p>
Bluetooth device switching	Short press Fn + 1/2/3 to switch to device 1/2/3 respectively	Press Fn + 1/2/3 to switch between different Bluetooth devices. The animation will display for 5s, and the LED panel will resume its previous display consecutively.
2.4G connection	Short press Fn + T to switch to 2.4G mode	
Wired connection		After establishing a wired connection, the charging animation will be displayed, and then resume its previous display.
Bluetooth mode standby		<p>After 15 minutes of standby, all LEDs will turn off automatically while the keyboard keeps the connection. Press any key to wake up the keyboard.</p> <p>The keyboard does not automatically enter standby under wired mode. However, after turning off the connected computer, the keyboard will automatically switch to Bluetooth mode and enter standby after 15 minutes.</p>

Shortcut Keys

4. Battery status

Function	Operation	Indicator Status
Battery level	Press FN + P or switch to the last LED panel effect to view the current battery level	
Start charging	When charging starts, the LED panel will display the charging animation for 3s and then return to its previous display.	
Charging status	When charging, press FN + P or switch to the last LED panel effect to view the current battery level. The "+" icon indicates the keyboard is charging.	
Battery fully charged	The LED panel displays the fully charged icon for 5s and then returns to its previous display.	
Battery low	When the battery level reaches below 5%, the LED panel will display a red battery icon until the battery is fully empty. You can press Fn + F10 to disable the screen.	

Shortcut Keys

5. Function keys

Fn + 1 F1

Fn + 2 F2

Fn + 3 F3

Fn + 4 F4

Fn + 5 F5

Fn + 6 F6

Fn + 7 F7

Fn + 8 F8

Fn + 9 F9

Fn + 0 F10

Fn + - F11

Fn + = F12



04 Layout & DIY RGB

Layout & DIY RGB

1. Download AM Master from angrymiao.com/am-master and keep the keyboard connected to the computer via USB.
 2. Enter diy.angrymiao.com and select the corresponding keyboard model in the top bar to edit function keys and lighting effects (navigate to the "In-Switch LED configuration" page through the link on the right bottom of the DIY page).
 3. After finishing editing, generate the JSON config file and download it.
 4. Open AM Master, select your JSON config file and import it (you can directly use config files shared by others).
 5. Wait until it's successfully configured.
- * Layers: by default, you can switch to layer 2 by holding down the Fn key. You can also switch directly to corresponding layers by short pressing manually assigned layer keys. You can create a maximum of 7 layers.

05 Build Guide

Build Guide

Caution: installing switches on the hot-swap PCB

Please remove PCB cable carefully according to the build guide. Take out the plate and install the switches without using excessive force.

During installation, ensure that the pins are not bent. If you're unable to insert your switch into the PCB, adjust the angle of the switch and ensure there's no defect in the pins. Do not use excessive force, as to avoid damaging the hot-swap sockets and PCB.

Scan the QR code below or open <https://youtu.be/E1bS6ypfA-o> to watch the Build Guide.



06 Leaf Spring Adjustment

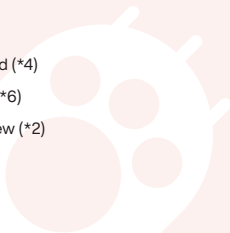
Layout & DIY RGB

		Stainless Steel Leaf Spring (hard, default)	Optional Phosphorus Copper Leaf Spring (soft)
	Gear 1 - soft (no stopper)		
	Gear 2 - balanced (stopper in gear 2)	Default	
	Gear 3 - hard (stopper in gear 3)		
PCB pad (removable, attached by default)		1	
Adjustment pad (balanced, default)		1	
Bottom pad (without cut-outs) (default)		1	

07 Packaging Contents

Packaging Contents

1. Stainless steel leaf spring with mount (*2)
2. Black phosphorus copper leaf spring with mount (*10)
3. Bottom pad
4. T4 double-headed screwdriver
5. T6 double-headed screwdriver
6. T8 double-headed screwdriver
7. M2*3 black screw with CD thread (*4)
8. M2*4 silver T6 pan head screw (*6)
9. M2*5 black T6 countersunk screw (*2)
10. M3 black screw with CD thread
11. Carrying case
12. User manual (digital version)



08 FCC Compliance Statement

FCC Compliance Statement



This device complies with Part 15 of the FCC rules. Operation is subjected 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.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

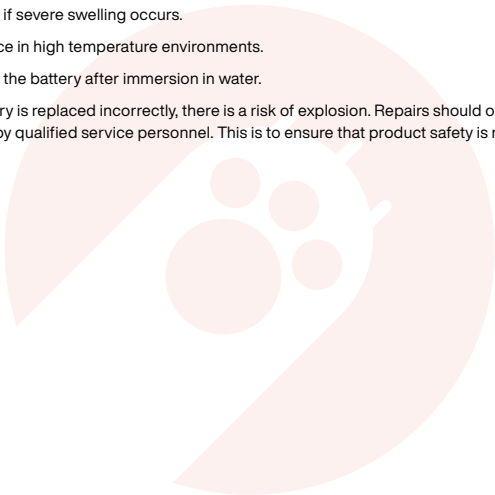
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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.

Warning

- Disassembling, hitting, squeezing and throwing into fire is prohibited.
- Stop using if severe swelling occurs.
- Do not place in high temperature environments.
- Do not use the battery after immersion in water.
- If the battery is replaced incorrectly, there is a risk of explosion. Repairs should only be performed by qualified service personnel. This is to ensure that product safety is maintained.



09 Anti-Counterfeiting Information

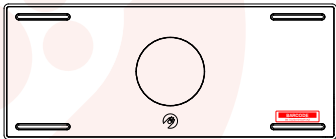
Anti-Counterfeiting Information

Anti-Counterfeiting Statement

In order to protect your rights and shopping experience, please verify the SN code as soon as the product arrives. Each SN code is unique and can only verify its corresponding item. If you cannot find the SN code, please carefully check the product.

Angry Miao is committed to providing users with high-quality products, which are equipped with anti-counterfeiting services. All products purchased from official channels can be checked for authenticity. To check product authenticity, follow these steps:

1. Log in to verify.angrymiao.com
2. Enter the product's serial number
3. Click on the enquire button



10 Aftersales Service

Aftersales Service

Return & Refund Policy

The following terms apply to regions outside of mainland of China.

Our policy lasts 72 hours for general items. If the time is due, unfortunately we can't offer you a refund or exchange.

There are certain situations we can't offer you a refund or exchange:

- 72 hours have gone by since you received the item.
- Any item not in its original condition, is damaged or missing parts for reasons not due to our error.
- Dislike due to personal preferences.

1. If you need to refund or exchange, please click Contact Us on the bottom of our website and leave your message. We will contact you within 3 working days.

2. To be eligible for a return, your item must be unused and in the same condition that you received it. It must also be in the original packaging. Any missing parts will delay the refund or cause partial refunds.

3. You will be refunded after we receive the returned product and check it. Once your return is received and inspected, we will send you an email to notify you that we have received your returned item. Then your refund will be processed, and a credit will automatically be applied to your credit card or original method of payment, within 7 business days.

4. If there is insufficient stock of exchanging products, we will inform you about the specific treatment.

Aftersales Service

Return & Refund Policy

5. Please contact us first if you want a refund or exchange. We will not accept returns or exchanges if you haven't contacted us in advance.
6. After-sales service: support@angrymiao.com

Disclaimer

1. For related products purchased through non-official channels, we do not provide corresponding after-sales service and do not bear the transaction risk arising therefrom.
2. All rights reserved by Angry Miao.

