



AM Neon 80 用户使用手册

AM Neon 80 User Manual

感谢选购

Thank you for your purchase



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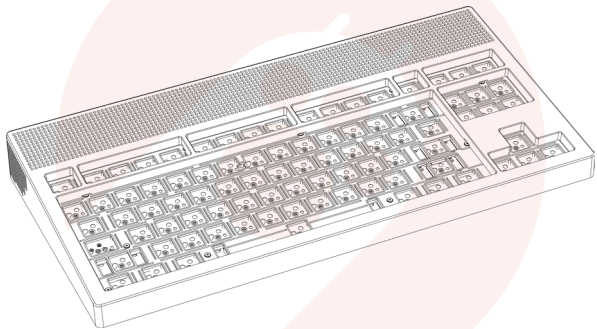
01 产品说明

产品说明

产品名称	AM Neon 80
产品型号	AM21
重量	套件 2.4 Kg, 套装: 2.6 Kg
人机角度	键盘整体倾角 7° 带脚垫后 10°
结构	Leaf Spring 可调结构
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
状态灯	CapsLock 提示灯
USB 接口	USB 2.0, TypeC, 支持 C2C
整机最大功耗	10W

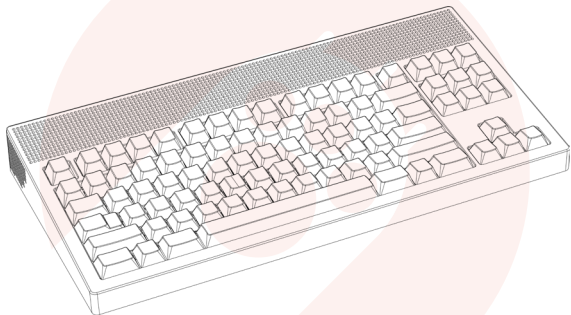
产品说明

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 AM Neon 80 从包装中取出
2. 需 USB 数据线连接设备使用
3. 开关轴底灯：Fn + F9
4. 开关额头灯光模块：Fn + F10



03 快捷键

快捷键

· 基础快捷键

功能	操作
开关机	插线即开机

· 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

· 额头灯光 / RGB 轴底灯 控制组合键

功能	操作
开启 / 关闭 RGB 轴底灯效	Fn + F9
开启 / 关闭额头灯效	Fn + F10
RGB 轴底灯效切换	Fn + F11
额头模式切换	Fn + F12
增加轴底灯亮度	Fn ++

功能	操作
降低轴底灯亮度	Fn + -
提升额头灯光亮度	Fn + ↑
降低额头灯光亮度	Fn + ↓
提升额头灯效速度	Fn + →
降低额头灯效速度	Fn + ←

· 连接方式

请链接数据线至 PC/MAC 端

04 配列说明

配列说明

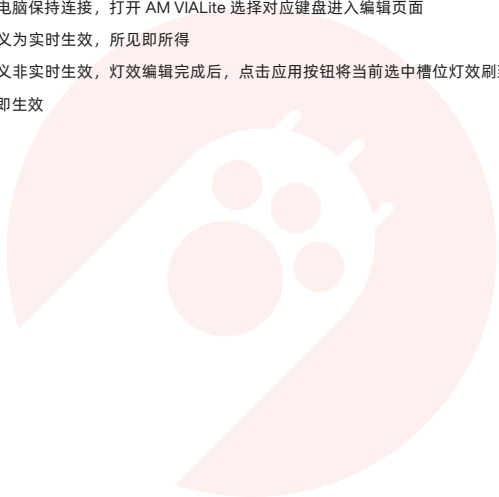
可兼容阶梯 Caps



05 键位及灯效自定义

键位及灯效自定义

1. 于 < 下载链接 > 下载 AM VIALite
2. 将键盘与电脑保持连接，打开 AM VIALite 选择对应键盘进入编辑页面
3. 键位自定义为实时生效，所见即所得
4. 灯效自定义非实时生效，灯效编辑完成后，点击应用按钮将当前选中槽位灯效刷到键盘，待进度完成后即生效



06 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

07 Leaf Spring 手感配置

Leaf Spring 手感配置

除选配外，AM Neon 80 提供 3 档可调，分别为由软至硬的手感体验。除档位可调外，我们额外提供 2 种弹片材质（不锈钢 / 磷铜），2 张 1mm 的 poron 棉底垫，供您更加个性化的选择。

		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） （仅二档处放胶塞）		默认配置	
	三档（硬） （仅三档处放胶塞）			
PCB 背贴垫		1（默认贴上，可撕）		
底垫（Poron 棉，不镂空） 装机 1 张，额外提供 1 张		无 （较软）	1 张 （适中，默认垫上）	2 张 （较硬）

* 默认配置 FR4 定位板

08 包装清单

包装清单

套件包含

键盘本体：

含 PCB (1.2mm 热插拔, 开槽, RGB), PCB 背贴垫, FR4 定位板 (兼容阶梯 Caps), Poron 夹心棉, Ixpe 8 倍轴下垫, PET 声音垫, 底垫 Poron 棉

结构件包装备件：

- | | |
|--------------------------|-------|
| 1. 不锈钢弹片带定位柱 | 1PCS |
| 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 (银色) | 2PCS |
| 10. M3 CD 纹螺丝 (黑色) | 2PCS |
| 11. 军火箱 | |

09 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 and 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

10 防伪须知

防伪须知

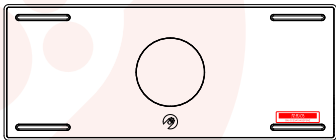
防伪声明：

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

11 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

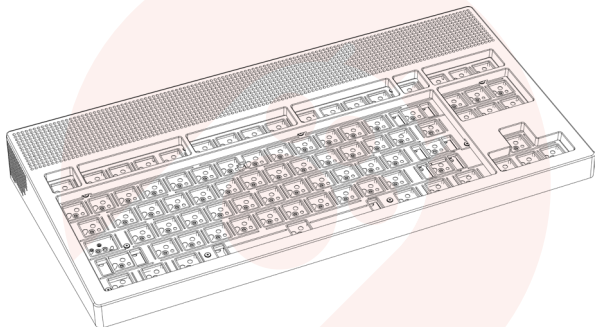
Product Overview



Product Name	AM Neon 80
Product Model	AM21
Weight	Base Kit: 2.4 Kg, Bundle: 2.6 Kg
Typing Angle	7°, 10° with foot pads
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
Status Indicators	Caps Lock indicator light
USB Port	USB 2.0, Type-C, supports C2C
Maximum Power	10W

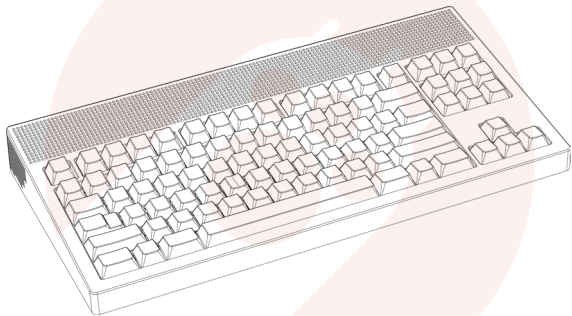
Product Overview

Base Kit



Product Overview

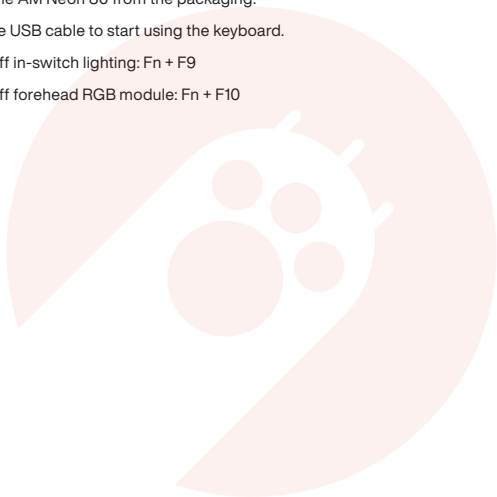
Bundle



02 Quick Start Guide

Quick Start Guide

1. Remove the AM Neon 80 from the packaging.
2. Plug in the USB cable to start using the keyboard.
3. Turn on/off in-switch lighting: Fn + F9
4. Turn on/off forehead RGB module: Fn + F10



03 Shortcut Keys

Shortcut Keys

• Basic combos

Function	Operation
Power On/Off	Plug in the keyboard via the USB cable

• Media combos

Function	Operation
Mute	Fn + F1
Decrease Volume	Fn + F2
Increase Volume	Fn + F3
Previous Track	Fn + F4
Next Track	Fn + F5
Play/Pause	Fn + F6

Shortcut Keys

·RGB combos

Function	Operation
Turn on/off in-switch lighting	Fn + F9
Turn on/off forehead RGB module	Fn + F10
Switch between in-switch lighting effects	Fn + F11
Switch between forehead RGB module colors	Fn + F12
Increase in-switch lighting brightness level	Fn ++
Decrease in-switch lighting brightness level	Fn --
Increase forehead RGB module brightness level	Fn + ↑
Decrease forehead RGB module brightness level	Fn + ↓
Increase forehead RGB module speed	Fn + →
Decrease forehead RGB module speed	Fn + ←

· Connectivity

Please connect the keyboard using the USB cable to a PC or Mac to establish a connection.

04 Layout

Layout & DIY RGB

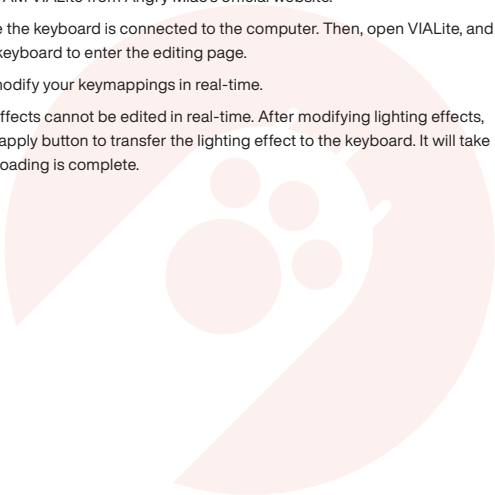
Stepped Caps Lock compatible



05 Remapping & DIY RGB

Remapping & DIY RGB

1. Download AM VIALite from Angry Miao's official website.
2. Make sure the keyboard is connected to the computer. Then, open VIALite, and select your keyboard to enter the editing page.
3. You can modify your keymappings in real-time.
4. Lighting effects cannot be edited in real-time. After modifying lighting effects, click on the apply button to transfer the lighting effect to the keyboard. It will take effect after loading is complete.



06 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.

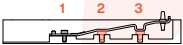
Scan the QR code below or open <https://youtu.be/eTKDGrtZ9ro> to watch the Build Guide. You can also search for "AM Neon 80 - Build Guide" on YouTube.



07 Leaf Spring Adjustment

Leaf Spring Adjustment

AM Neon 80 provides 3 different leaf spring level gears, varying from soft to hard. Included are 2 kinds of leaf-spring materials (stainless steel and phosphorus copper), and 2 sheets of 1mm PORON foam adjustment pads. These allow you to fully customize your keyboard to achieve the setup that's most comfortable for you.

	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	1 (removable, attached by default)		
PORON bottom pad (without cut-outs) (1 pre-installed, 1 additional provided)	None (soft)	1 (balanced, default)	2 (hard)

08 Packaging Contents

Packaging Contents

Base Kit includes

Keyboard body: PCB (1.2mm with cutouts, hotswap, RGB), PCB pad, FR4 plate (supports stepped Caps Lock), PORON pad, 1xpe 8 switch pad, PET film, PORON bottom pad

Additional accessories

1. Stainless steel leaf spring with mount
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 (*2)
11. Carrying case

09 **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.

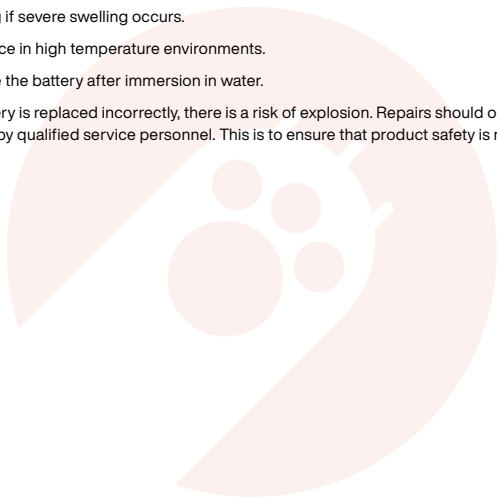
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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.



10 Anti-Counterfeiting Information

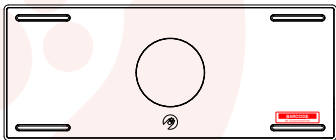
Anti-Counterfeiting Information

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



11 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.

