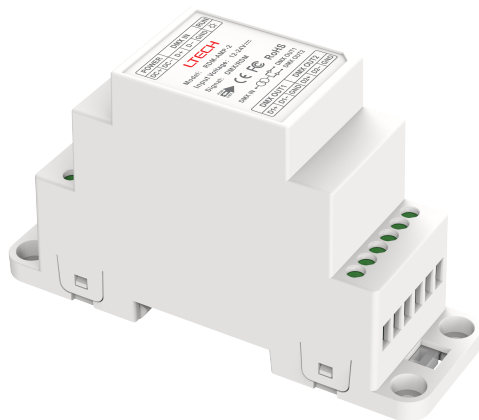


## RDM-AMP-2 RDM Signal Amplifier



- Automatically recognize DMX/RDM signals, used in the DMX/RDM lighting control system;
- 1 channel input, 2 channel outputs; multiple channel outputs to increase DMX device number;
- Relay function for amplifying weak DMX/RDM signals and extending the signal transmission distance;
- Independent photoelectric isolation between the input and the outputs to improve overall security and reliability of the lighting control system;
- DIN rail or screw mounting, suitable for project applications.

### Technical Specs

#### RDM-AMP-2

Product model:12-24V ~

Working temperature:-20°C-55°C

Input voltage:1CH DMX/RDM signal input

Dimensions:L112×W35×H67mm

Output signal:2CH DMX/RDM signal outputs

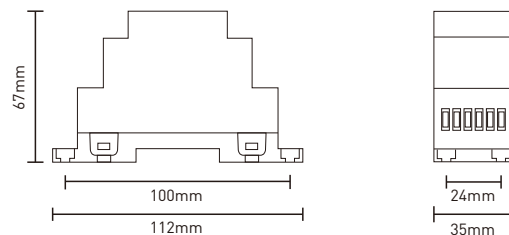
Package size:L114×W37×H69mm

Photoelectric isolation voltage:>3KV

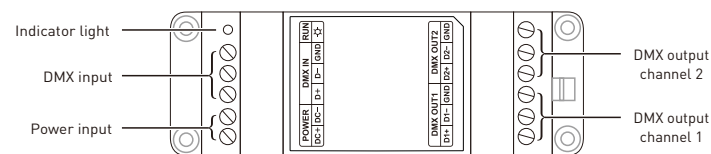
Net weight:97g

### Product Size

Unit: mm

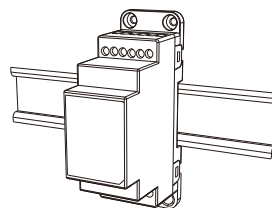


### Terminal description

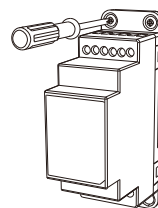


### Mounting methods:

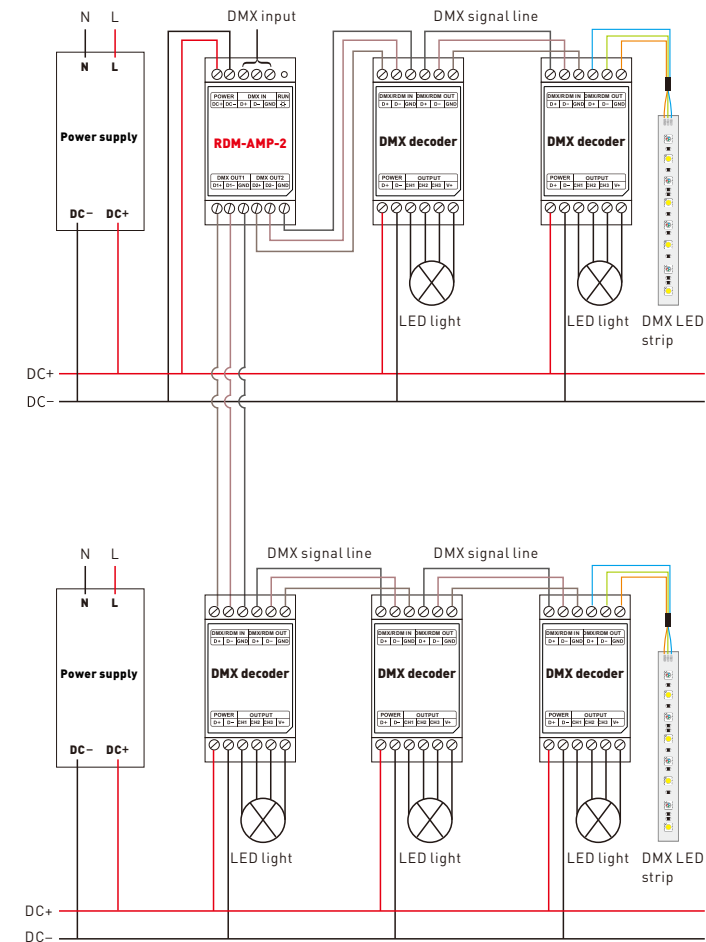
① DIN rail mounting  
(DIN rail specs: TS-35/7.5 or TS-35/15)



② Screw mounting

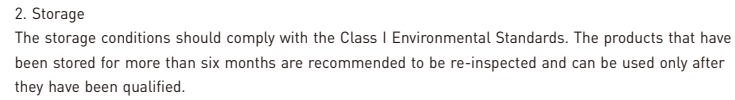


### Connection diagram



## Transportation and Storage

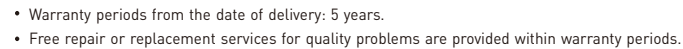
1. Transportation  
Products can be shipped via vehicles, boats and planes.  
During transportation, products should be protected from rain and sun. Please avoid severe shock and vibration during the loading and unloading process.



## Mobile App Interfaces for the RDM Programmer

- Product installation and commissioning should be done by a qualified professional.
- LTECH products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.
- ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.
- Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
- If a fault occurs, please do not attempt to fix the product by yourself. If you have any question, please contact the supplier.

- ## Warranty Agreement

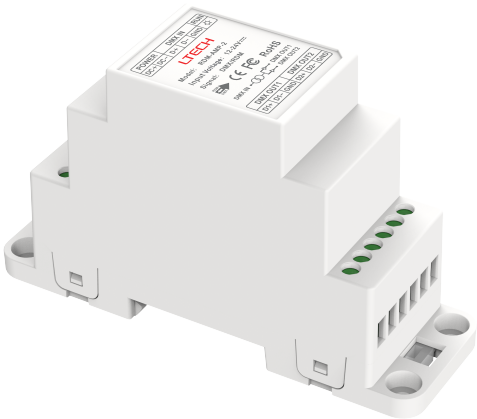


### DMX address setting

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

- 更新日期:2023.02.01\_A0

RDM-AMP-2  
RDM扩展器

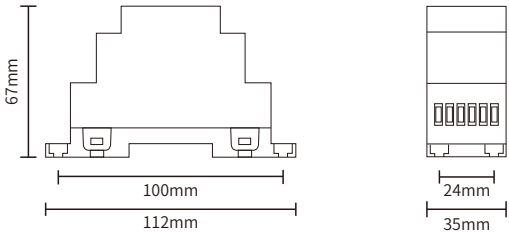


- 可自动识别DMX/RDM信号，用于DMX/RDM总线连接的灯光控制系统；
- 1进2出的信号接口，可多路控制，增强DMX/RDM总线接入设备数量的能力；
- 具有中继功能，对DMX/RDM衰减信号进行整形放大处理，延长信号传输距离；
- 独立光电隔离保护，可故障现场隔离，提高灯光控制系统安全运行可靠性；
- 导轨或者螺丝固定安装，适合工程应用。。

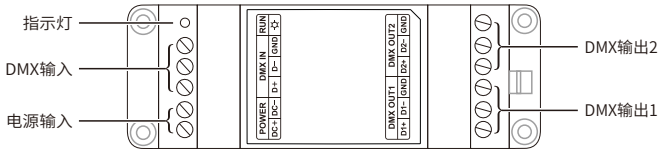
技术参数

RDM-AMP-2	
输入电压: 12-24V ===	工作温度: -20°C-55°C
输入信号: 1路 DMX/RDM信号输入	产品尺寸: L112×W35×H67mm
输出信号: 2路 DMX/RDM信号输出	包装尺寸: L114×W37×H69mm
光电隔离电压: >3KV	产品重量: 97克

产品尺寸



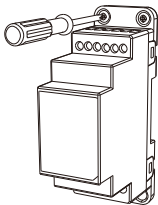
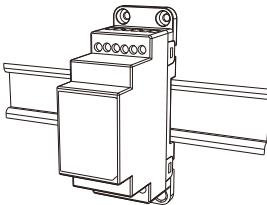
端子说明



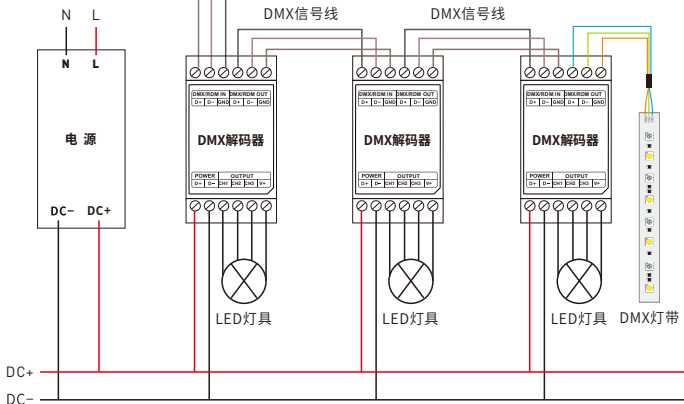
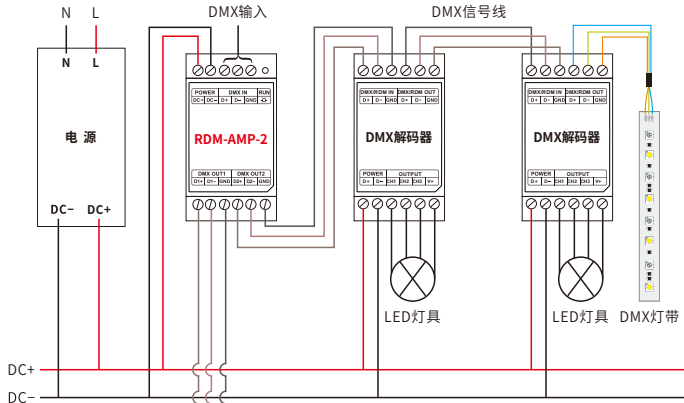
安装方式

① 导轨安装 (轨道规格为TS-35/7.5或TS-35/15)

② 螺丝固定至墙壁

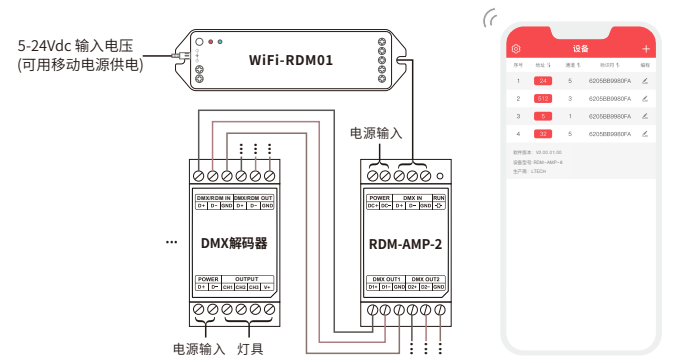


连接示意图



与RDM编辑器搭配使用

可以与遵从标准RDM协议的地址编辑器配合使用。  
建议使用LTECH的RDM编辑器(型号WiFi-RDM01), 可实现手机远程浏览与设置参数等更多功能, 连接图如下:



RDM编辑器APP界面介绍

手机下载APP与RDM编辑器连接成功后, 即可通过APP设置参数, 具体请参看WiFi-RDM01的使用说明书。

- a. 在首页界面, 点击对应设备的“地址”方框编辑设备地址;
- b. 点击“标识符”出现设备详细信息;
- c. 点击序号发出识别命令;
- d. 点击右上角设置“⚙”按钮, 进入设置界面, 可以进行测试、编写DMX地址等。



运输和贮存

- 1.运输  
产品适用车、船、飞机交通运输工具运输。  
在运输中, 应使用遮蓬进行防雨和防晒, 并保持文明装卸, 不应有剧烈振动、撞击等。
- 2.贮存  
贮存符合I类环境的规定。贮存期限超过6个月的产品建议重新检验, 合格后方可使用。

注意事项

- 本产品请由具有专业资格的人员进行调试安装;
- 本产品(专有型号除外)不能防水, 需避免日晒雨淋。如安装在户外, 请使用防水箱;
- 良好的散热条件会延长产品的使用寿命, 请把产品安装在通风良好的环境;
- 请检查使用的工作电压是否符合产品的参数要求;
- 通电调试前, 确保所有接线正确且牢固, 以免短路损坏部件, 触发事故;
- 如果发生故障, 请勿私自维修; 如果有疑问, 请联系供应商。

\* 本说明书的内容如有变更, 恕不另行通知。若内容与您使用的功能有所不同, 则以实物为准。  
如有疑问, 请与供应商联系。



www.ltech.cn

珠海雷特科技股份有限公司

珠海市南屏科技工业园屏东六路3号15栋

保修条例

- 自出厂之日起保修服务期为5年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

非保修条例:

属下列情况不在免费保修或更换服务范围之内:

- 已经超出保修服务期;
- 过高电压、超负载、操作不当等人为造成的损坏;
- 产品外形严重损坏或变形;
- 自然灾害以及人力不可抗拒原因造成的损坏;
- 产品保修标签和产品唯一条形码损坏;
- 无雷特签订的合同或发票凭证。

- 1. 修理或更换是雷特对客户的一补救措施。雷特不承担任何附带引起的损害赔偿, 除非在适用法律范围之内。
- 2. 雷特享有修正或调整本保修条款的权利, 并以书面形式发布为准。