

DMX/Bluetooth Constant Voltage LED Controller

- Small size and light weight. The housing is made from V0 flame retardant PC materials from SAMSUNG/COVESTRO.
- Bluetooth 5.0 SIG Mesh with high networking capability is reliable and stable.
- Support DMX512/RDM and realize Bluetooth/DMX intelligent switch control.
- With soft-on and fade-in dimming function, enhancing your visual comfort.
- Compatible with DIM, CT, RGB, RGBW, RGBWY lights to control the output.
- Provide the options to set dimming parameters that can meet high-level dimming requirements in different occasions.
- Work with the Super Panel to achieve remote control.
- Get control on iOS or Android devices through Bluetooth connection.
- Set the soft start time and power-on lighting status

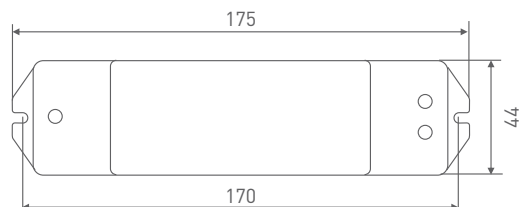


Technical Specs

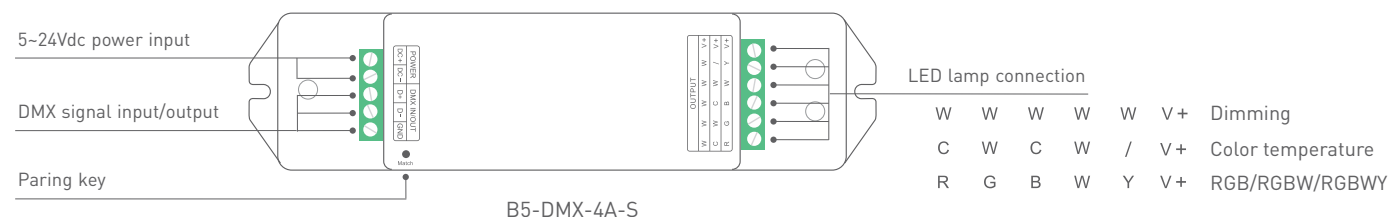
Model	B5-DMX-4A-S
Wireless Protocol Type	Bluetooth 5.0 SIG Mesh, DMX/RDM
Output Voltage	5-24Vdc
Input Voltage Range	5-24Vdc
Load Current	4A×5CH / 5A×4CH Max. 20A
Load Power	[0~20W...96W]×5CH Max. 480W
Protection	Short circuit, overcurrent, overheat, anti-reverse protection
Working Temperature	-20°C~55°C
Dimensions	175×44×30mm(L×W×H)
Package Size	178×48×33mm(L×W×H)
Weight (G.W)	130g

Product Size

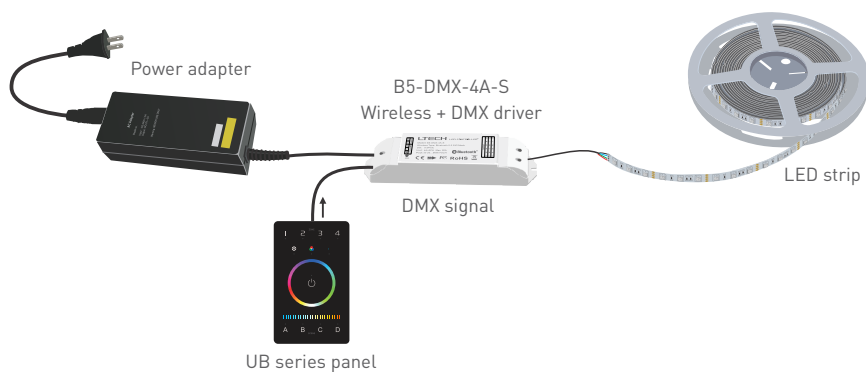
Unit: mm



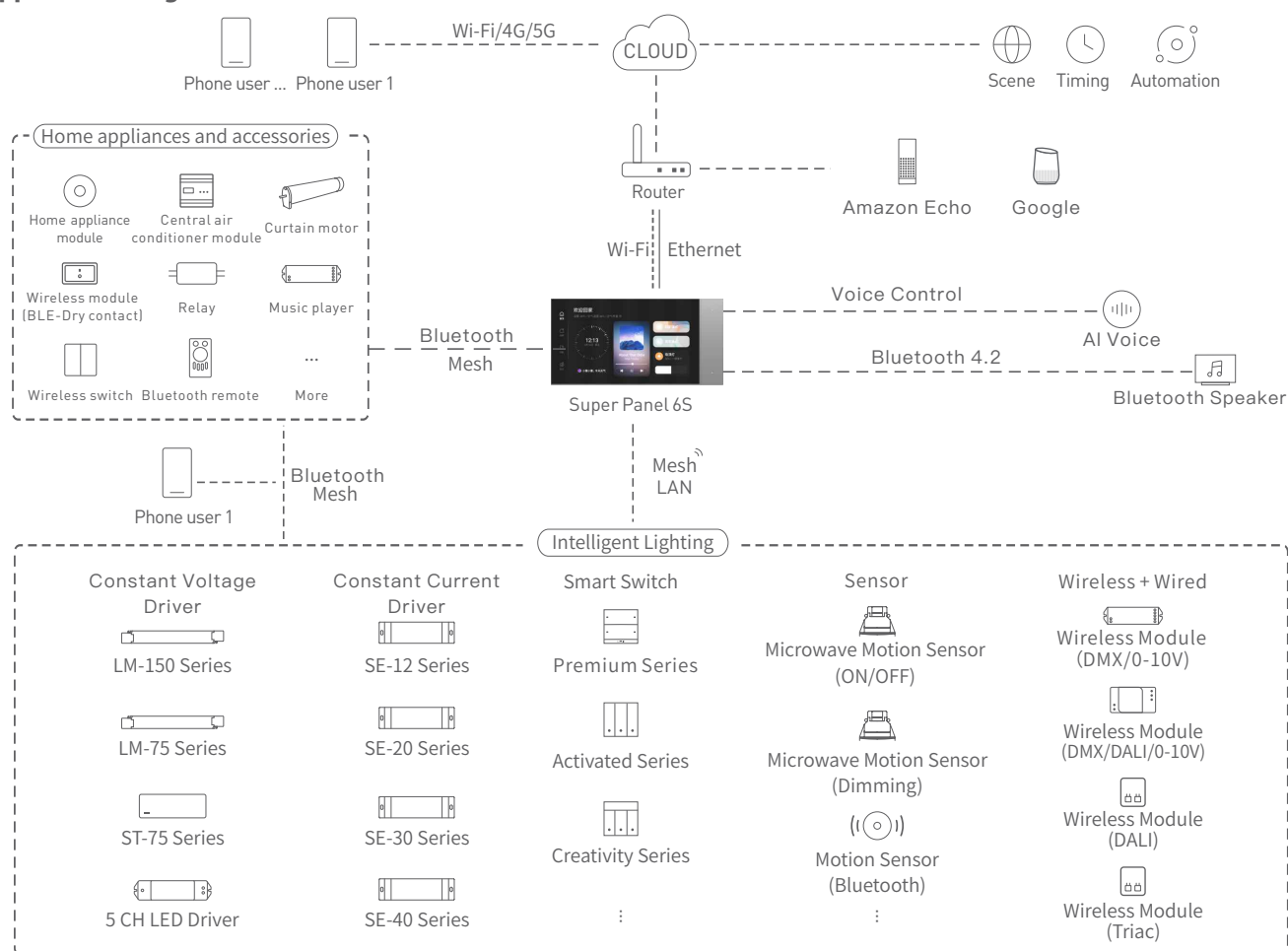
Terminal Description



DMX Wiring Diagram

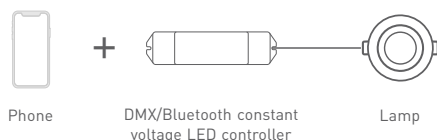


Application Diagram

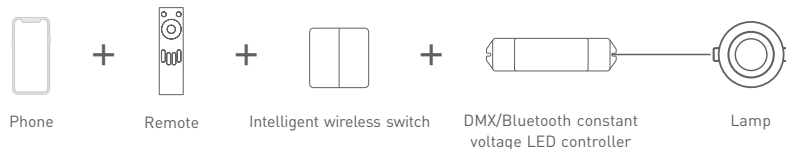


Recommended Applications

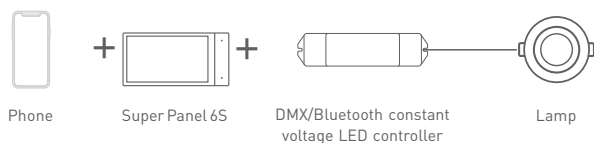
1、Achieve fast dimming control.



2、Both the App and the remote can control the controller after linking up the remote with the controller via the App.



3、Both the App and the Super Panel can control the controller after linking up the Super Panel with the controller via the App. By connecting the Super Panel to the network, you are allowed to remotely control the controller, cloud scenes and automation via the App.



4、More applications of intelligent control are waiting for you to set up.

Other Instructions

If the controller works with a remote, gateway ,intelligent wireless switch or other items ,please refer to related manuals.

App Operating Instructions

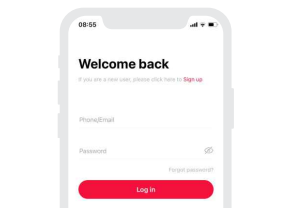
1. Register an account

- 1.1 Scan the QR code below with you mobile phone and follow the prompts to complete the app installation.



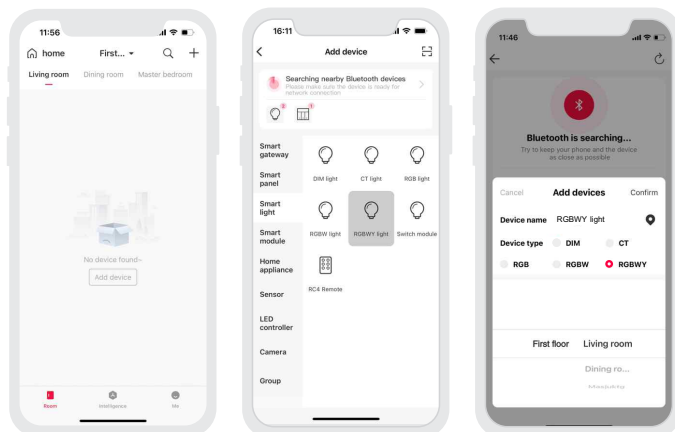
Scan and download the App

- 1.2 Open the App and log in or register an account.



2. Pairing instructions

Create a home if you are a new user. Click "+" icon in the upper right corner and follow the prompts to add the driver first. Then pick "Smart lighting - RGBWY light" from "Add Device" list. Follow the prompts to power on the device first, and make sure the device is not connected to a network yet. Click "Bluetooth Search" to add the device according to the prompts.

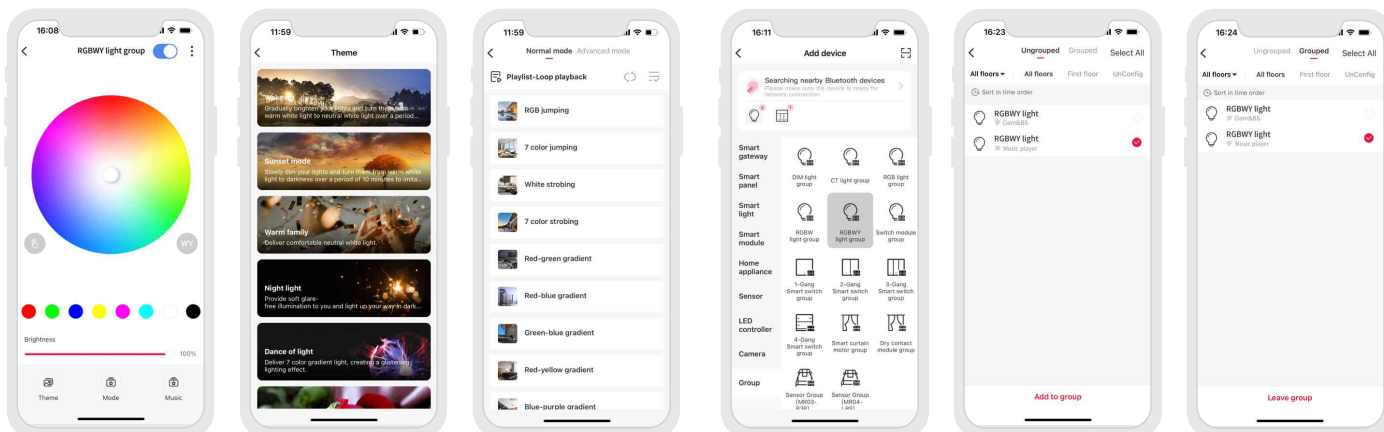


3. Control interface settings

After pairing up your device, go to the control interface. You'll be able to achieve your desired lighting effects by changing brightness, colors and color temperature. Click "Theme" and you'll easily switch to multiple theme lighting effects with one tap. Click "Mode" and the App provides you with editable normal modes and editable advanced modes. Customize dynamic modes to put you into a more colorful life.

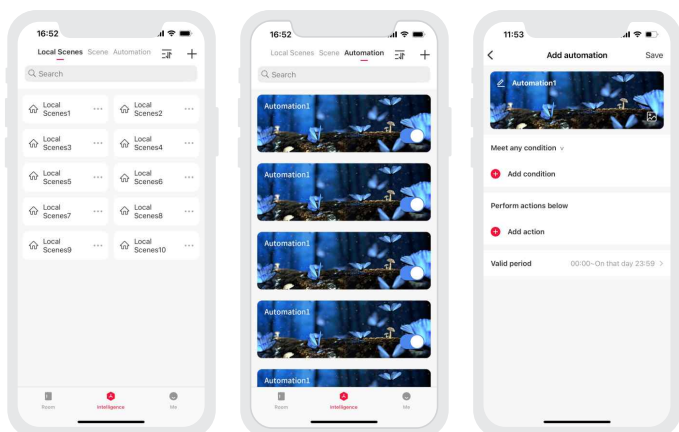
4. Light groups

Users are able to combine the same type of light fixtures into a group to control them simultaneously. Once you create the group, you can set the dim level or change color temperature and colors more easily. Return to the device list and click "Group" - "RGBWY light group". Then follow the prompts to rename the group and pick the lights you are going to group together, and save them.



5. Advanced functions

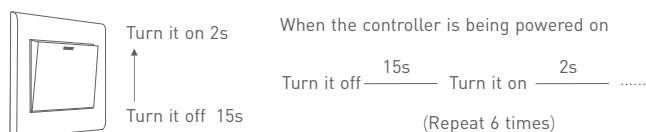
The controller can be linked up with gateway devices (such as LTECH Super Panel) to achieve the advanced functions, such as cloud scenes and automation.



How to reset a device (reset it to factory defaults)

Method 1: After you long press the pairing key for 6s, the lamp will flash 5 times, which means the controller has been set to factory defaults.

Method 2: Make sure the controller is connected to a lamp and keep the lamp on. Turn the controller off with the switch and after 15s turn it on. After 2s, turn it off again. Repeat the same operation 6 times. When the lamp flashes 5 times, the controller has been set to factory defaults.



FAQs

1. What should I do if I fail to add the device?

- 1.1 Please make sure the device is powered on normally.
- 1.2 Please make sure the device hasn't been added by any other account. If it has, please reset to factory defaults manually.
- 1.3 The recommended distance between the mobile phone and the device is no more than 20 meters.
- 1.4 If the device has been forced to delete, please reset to factory defaults manually and then add the device again.

2. What should I do if the device disconnects from the network?

- 2.1 Please make sure the device is powered on normally.
- 2.2 Please make sure Bluetooth on your phone is turned on.
- 2.3 If you control the device remotely, please make sure your phone network runs smoothly.

3. How to control remotely and set cloud scenes?

Remote control and cloud scenes can be achieved only by working with LTECH Super Panel.

4. How to share control of your home devices?

Please go to "Me" - "Home Management" and access the home you want to share. Click "Add Member" and follow the prompts to add members to your home.

Attentions

- Products shall be installed by qualified professionals.
- LTECH products are non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- Good heat dissipation will extend the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
- 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 products by yourself. If you have any question, please contact your suppliers.

* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

Warranty Agreement

- Warranty periods from the date of delivery : 2 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- 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.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

Update Log

Version	Updated Time	Update Content	Updated by
A0	20221115	Original version	Yang Weiling

DMX/蓝牙恒压控制器

- 体积小、重量轻； 外壳采用科思创/三星PC阻燃V0级原料；
- Bluetooth 5.0 SIG Mesh通信协议，组网能力强，可靠稳定；
- 支持DMX 512/RDM输入调光，可实现蓝牙/DMX智能切换控制；
- 带软启动渐亮功能，让人眼视觉更舒适；
- 可兼容调光、调色、RGB、RGBW、RGBWY五种类型LED调光控制输出；
- 可搭配超级面板实现远程，智能化控制；
- 支持iOS和安卓智能设备蓝牙直连控制；
- 可设置缓启动渐变时间、通电后灯光状态等高阶参数，赋予灯光设计高端品质。

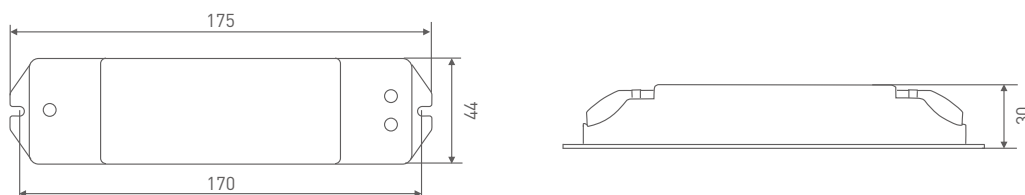


技术参数

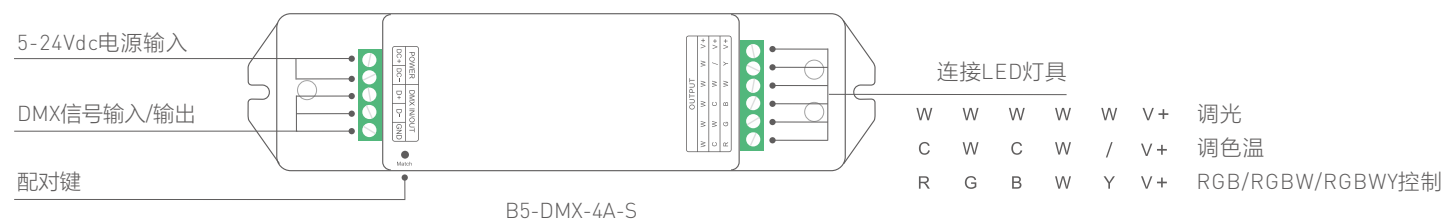
型号	B5-DMX-4A-S
输入信号	Bluetooth 5.0 SIG Mesh, DMX/RDM
输入电压	5-24Vdc
输出电压	5-24Vdc
负载电流	4A×5CH / 5A×4CH Max. 20A
负载功率	[0~20W...96W]×5CH Max. 480W
保护	短路、过温、防反接保护
工作温度	-20°C ~ 55°C
产品尺寸	L175×W44×H30(mm)
包装尺寸	L178×W48×H33(mm)
重量(毛重)	130克

尺寸图

单位: mm



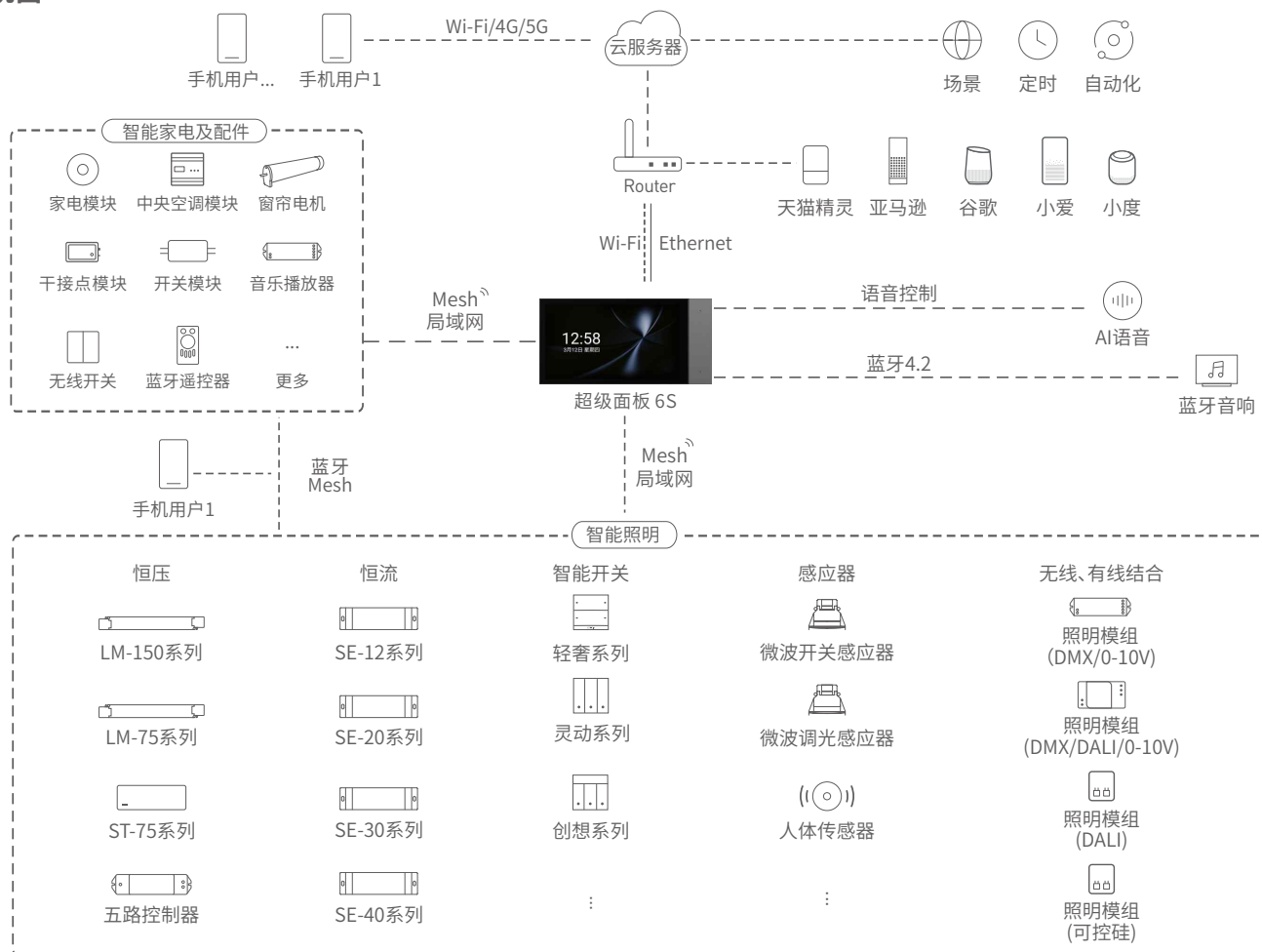
端子说明



DMX连接图

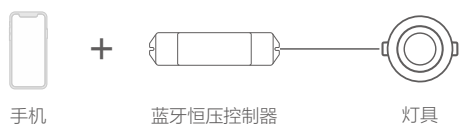


系统图



推荐应用控制方式

1、快速实现本地调光。



2、通过APP设置遥控关联控制器后，可实现APP与遥控两种控制方式控制驱动。



3、通过APP设置，面板关联控制器，可实现APP与面板同时控制。并能够通过面板联网，可实现APP远程控制控制器，云场景，自动化联动功能。



4、智能控制，更多应用搭配等您来设置。

其他操作方法

当本产品与遥控、网关、智能无线开关等配套使用时，请参看相应产品的使用说明书。

APP操作说明

1. 账号注册

1.1 通过手机扫描下方二维码，按提示完成APP安装。



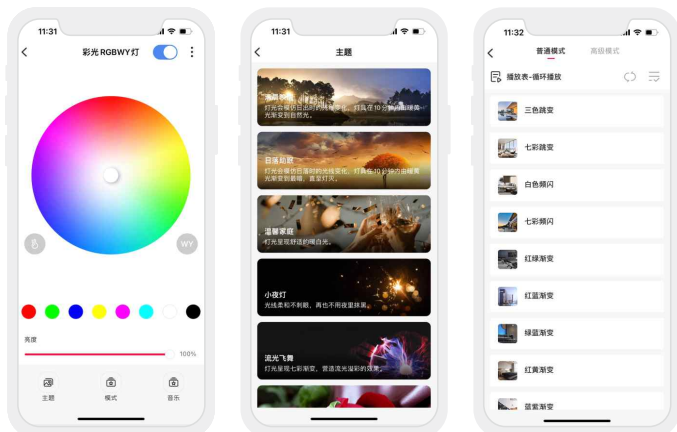
扫码下载APP

1.2 打开APP进行登录/注册操作。



3. 控制界面设置

配对完成后，进入控制界面，可以通过调节颜色色温，亮度达到想要的灯光效果。点击主题，进入主题界面，可一键切换多种主题灯光效果。点击模式，具有可编辑的普通模式和高级模式。自定义动态模式，让您的生活更加丰富多彩。



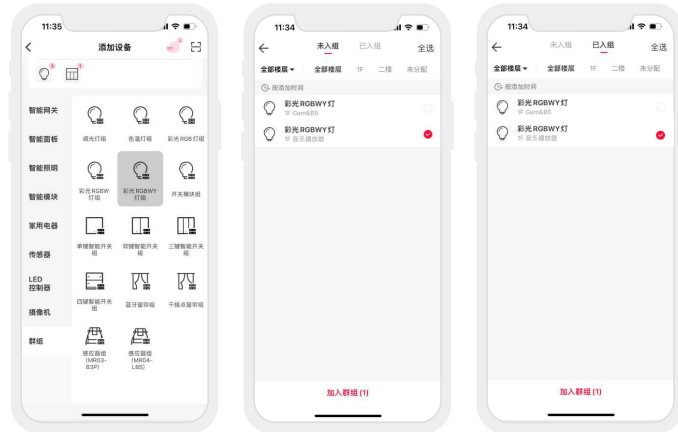
2. 配对操作

新用户创建家庭后，点击右上角“+”进入添加设备列表，先将驱动器按照提示添加完成后，在添加设备列表选择“智能照明-彩光RGBWY”后，按照界面提示，先将设备接通电源，确保设备处于未入网状态，然后点击“蓝牙搜索”后，按照提示完成添加设备。



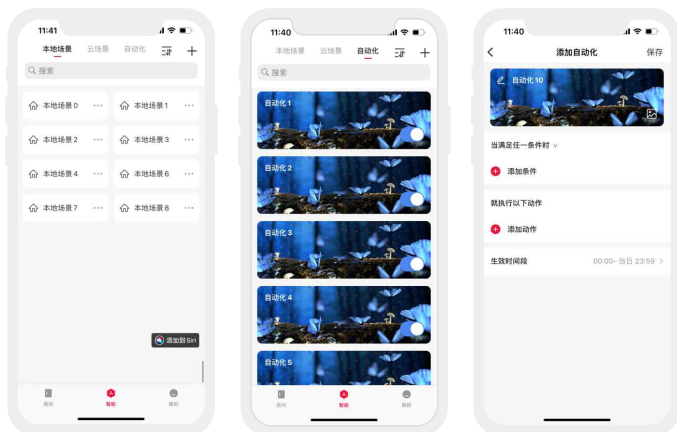
4. 灯具群组

同类型的灯具可以组成群组，用户可以对群组进行调色、调光等操作，操作更加便利。切换到“群组”菜单，点击“彩光RGBWY灯组”，按照提示修改群组名称后，点击的灯组加入群组，保存即可。



5. 高级功能

本产品可以通过与具有网关功能的设备联动（如超级面板），可实现云场景、自动化等高级功能。



重置设备（恢复出厂设置）

方法一：长按配对键6秒后，灯具闪烁5次，即表示控制器已恢复到出厂设置状态。

方法二：确保控制器已接灯具且处于常亮状态下，使用开关让控制器连续断电6次（每次断电时间15秒，通电2秒），第六次通电2秒后，灯具闪烁5次，即表示控制器已恢复到出厂设置状态。



常见问题

1. 设备添加失败怎么办？

- 1.1 确保设备正常通电；
- 1.2 需要添加的设备未被其他账号添加过，如被添加过，请手动恢复出厂；
- 1.3 确保手机与设备两者尽量靠近，建议不超过20米；
- 1.4 如设备已被强制删除，请手动恢复出厂，然后重新添加设备。

2. 设备离线怎么办？

- 2.1 请检查设备是否正常通电；
- 2.2 手机蓝牙处于开启状态；
- 2.3 如使用远程控制，请检查手机网络是否工作正常，网络畅通。

3. 如何远程控制/云场景设置？

如需远程控制/添加云场景设置，需搭配本司超级面板方可使用

4. 如何共享设备？

请在“我的”——“家庭管理”，进入需要共享的家庭，点击“添加成员”，请按提示将需要设备共享的家人/朋友加入该家庭即完成共享。

注意事项

- 请由具有专业资格的人员进行调试安装。
- 雷特产品（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。
- 使用的电线直径大小必须能够负载连接的LED灯具，并确保接线牢固。
- 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
- 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。

保修条例

- 自出厂之日起保修服务期为2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最补救措施。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。

更新日志

版本	更改日期	更改内容	更改人
A0	20221115	正稿	杨魏玲