LED Remote Control

- 2.4 GHz RF wireless transmission, with stable signal and strong interference resistance.
- The remote control provides zone-by-zone control for dimming, color temperature, RGB, RGBW, and RGBCW.
- Compatible with P-series and F-series controllers.
- Equipped with a dedicated ON/OFF button for instant lighting control.
- Adjust brightness by touching the brightness slider or pressing the brightness button; a short press cycles through 11 brightness levels, while a long press enables stepless dimming.
- Features 4 preset scenes for instant recall, with custom scenes saved by pressing and holding the scene button.
- One remote control can be paired with multiple controllers, and one controller can support up to 10 remote controls.
- Supports synchronized dimming across controller groups.
- Supplied with a plastic stand for convenient storage and easy access.



Q1A Q2A Q4A Q5A

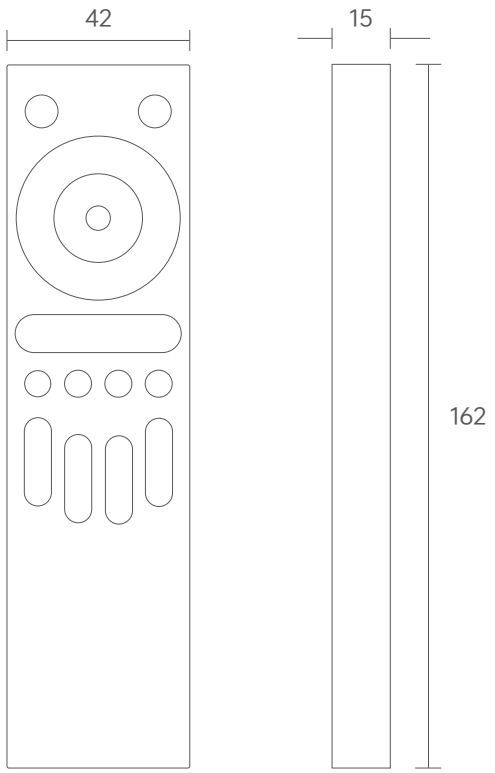
Technical Specifications

Product Model	Q1A	Q2A	Q4A	Q5A
Regional Control	Single Zone			
Dimming Types	DIM	CT	RGB/RGBW	RGBCW
Wireless Type	RF 2.4GHz			
Power Supply	3Vdc，2×AAA　Note: Batteries not included.			
Standby Current	< 3μA			
Compatible Controllers	P1 / P2 / P3 / P4 / P5/ F4-3A / F4-5A / F5-DMX-4A	P2 / P3 / P4 / P5/ F4-3A / F4-5A / F5-DMX-4A	P4 / P5/ F4-3A / F4-5A / F5-DMX-4A	P5 / F5-DMX-4A
Operating Temp.	-10℃~50℃			
Product Weight	60g±5g(Bracket included)			
Dimensions	Remote: L162×W42×H15mm； Bracket: L60×W46×H19mm			

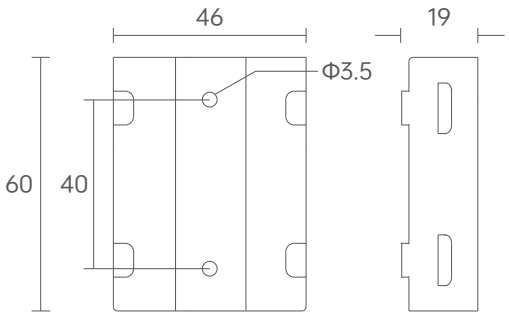
CE FC RoHS

Dimensions

Unit：mm

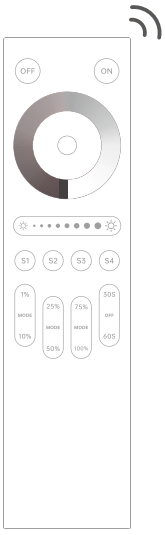


Remote



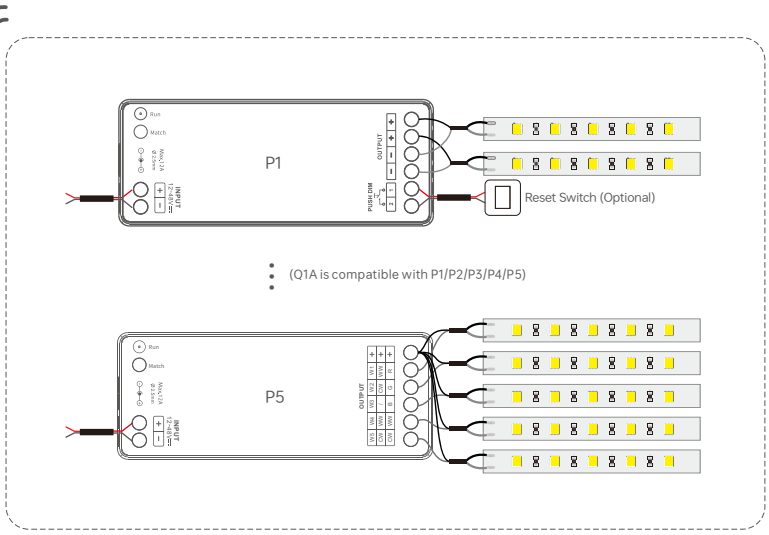
Plastic Bracket

Wiring Diagram



Q1A

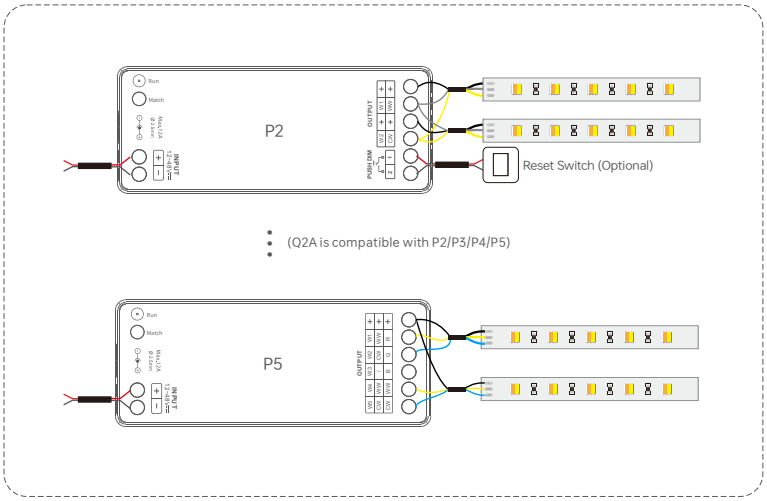
*Can be paired with up to 10 remote

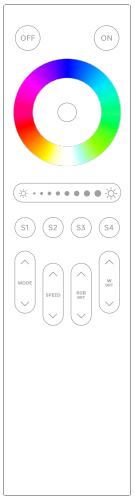




Q2A

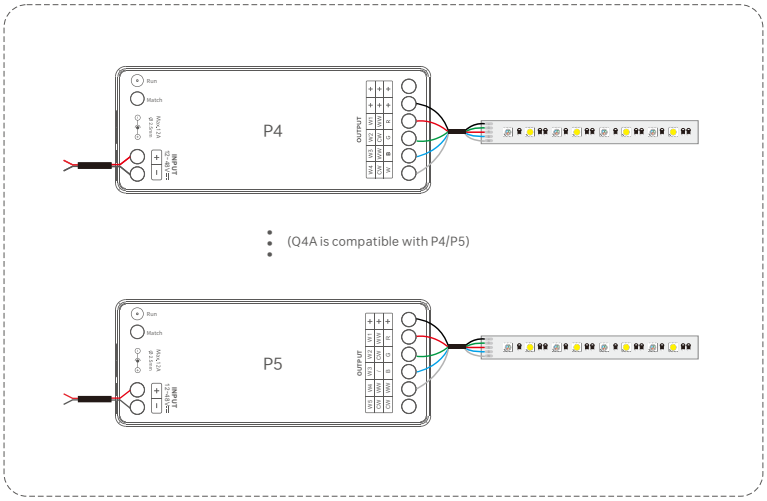
*Can be paired with up to 10 remote

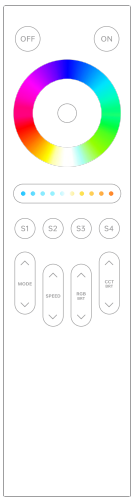




Q4A

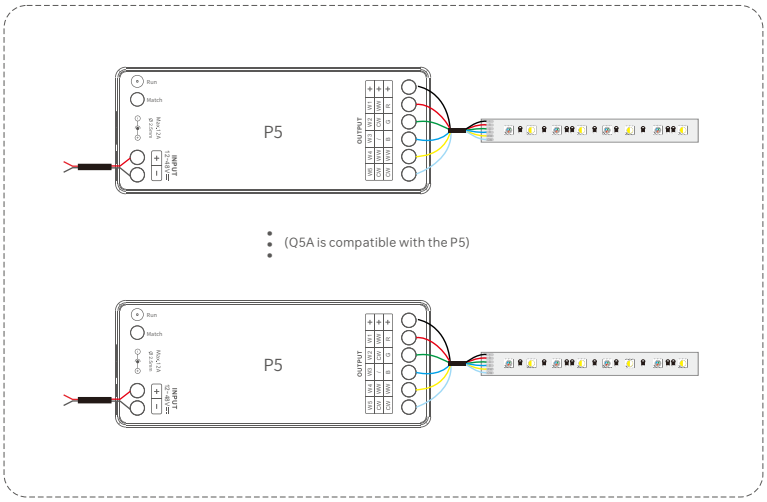
*Can be paired with up to 10 remote



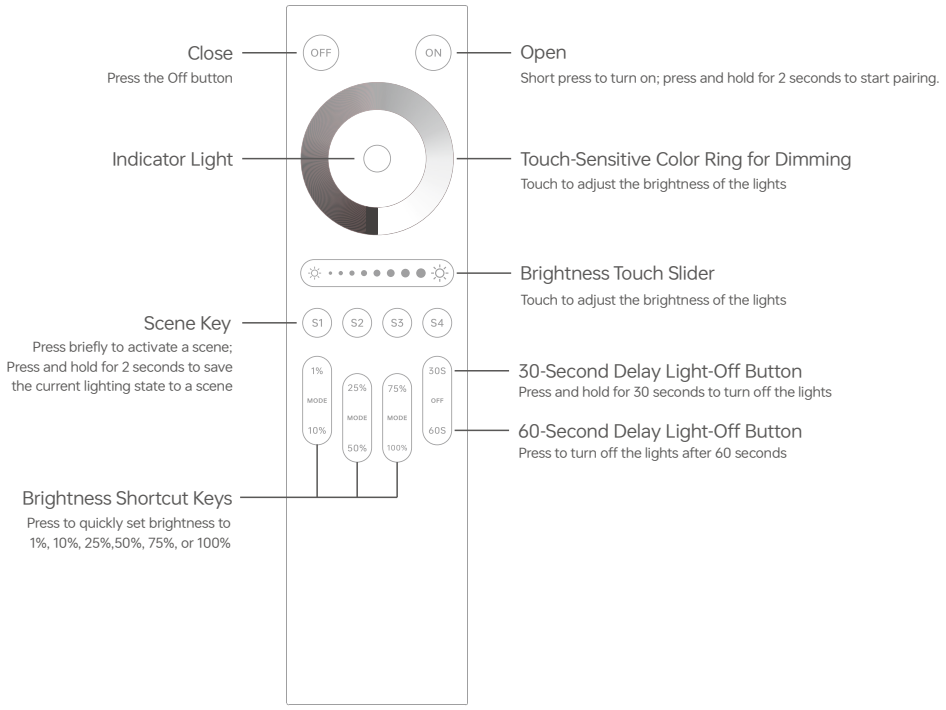


Q5A

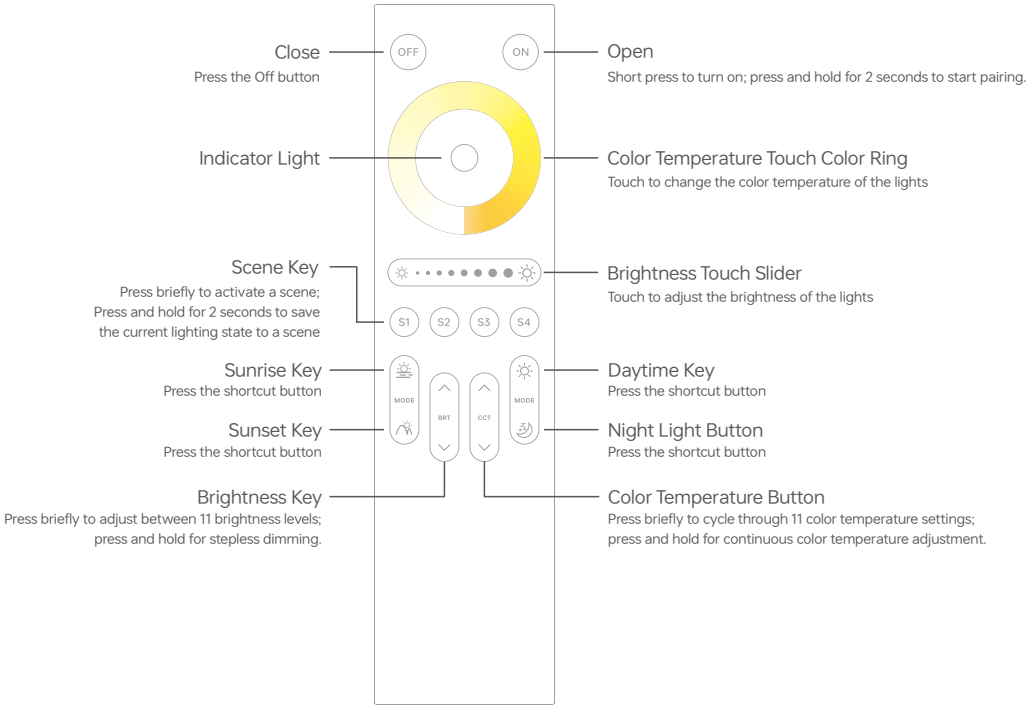
*Can be paired with up to 10 remote



Button Functions

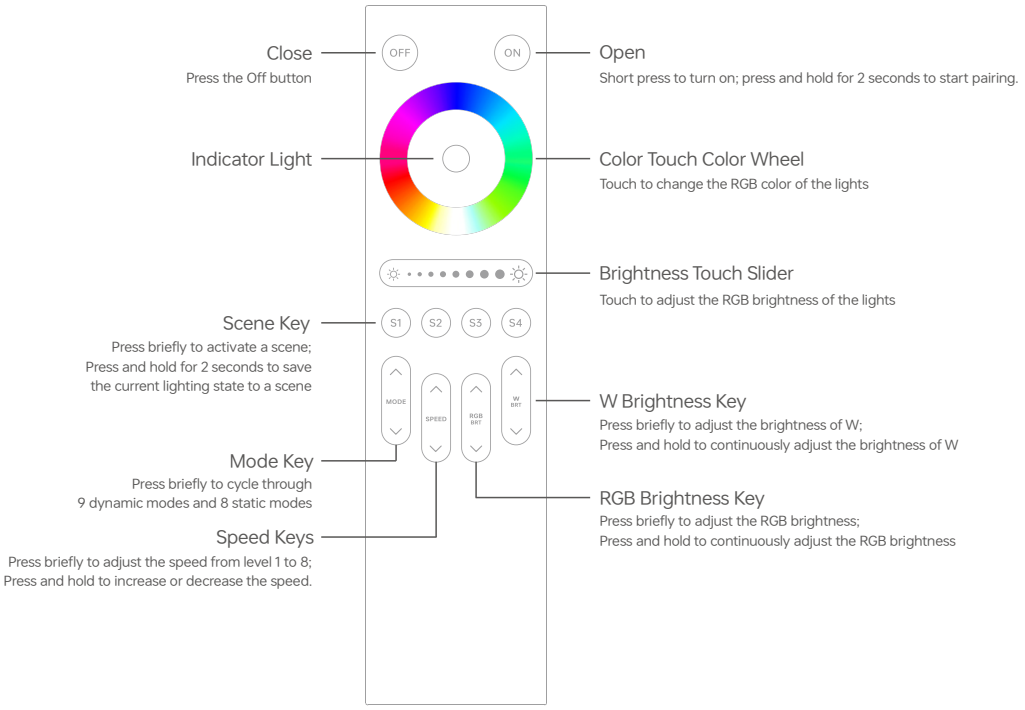


Q1A

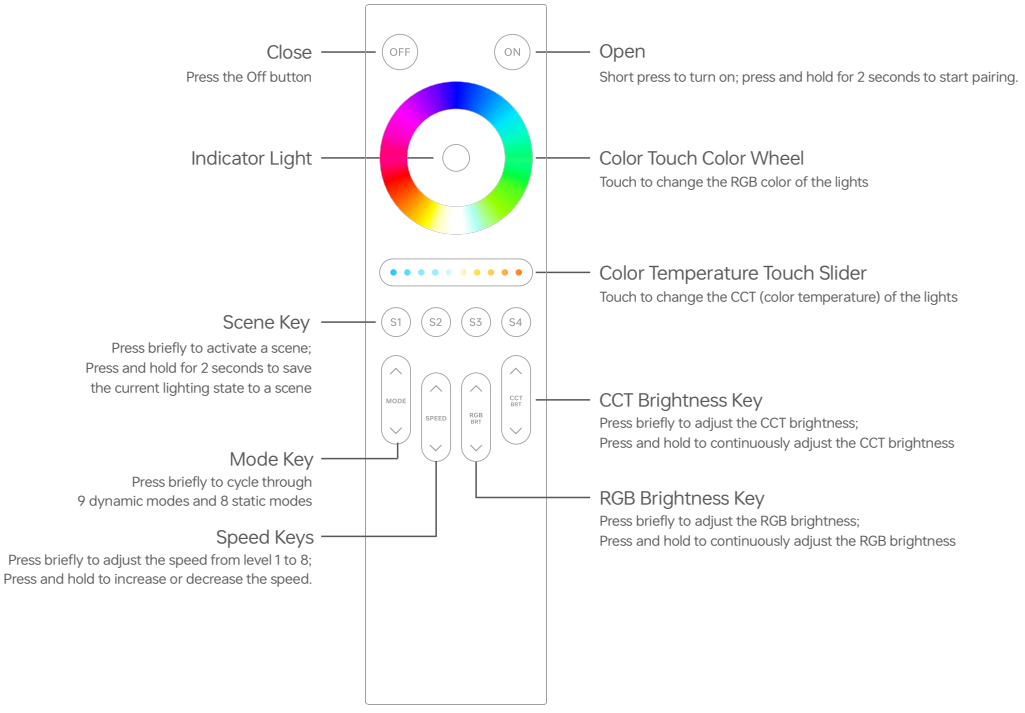


Q2A

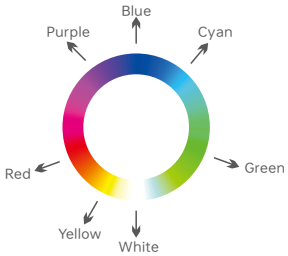
Button Functions



Q4A



Q5A



Color	R/G/B values
Red	R100% G0% B0%
Yellow	R100% G100% B0%
Green	R0% G100% B0%
Cyan	R0% G100% B100%
Blue	R0% G0% B100%
Purple	R100% G0% B100%
White	R100% G100% B100%

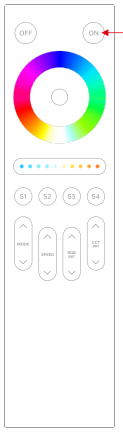
Preset Dynamic mode	1	Red-purple gradient	**Static mode**	10	Red
	2	Blue-purple gradient		11	Green
	3	Color temperature gradient (warm yellow, cool white)		12	Blue
	4	Three-color changing (RGB)		13	Yellow
	5	Six-color gradient (red, green, blue, yellow, purple, cyan)		14	Purple
	6	Seven colors changing (red, green, blue, yellow, purple, cyan, white)		15	Cyan
	7	Seven-color gradient (red, green, blue, yellow, purple, cyan, white)		16	Mixed light white
	8	Three-color gradient (RGB)		17	Black
	9	White gradually brightens and darkens			

For use with P-series controllers

Button Pairing

1. Short press the controller's ID learning button. The load light will flash. Please complete the following operation within 10 seconds.

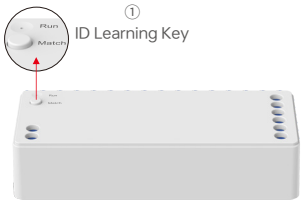
2. Code-matching remote control:
Press and hold the ON button on the remote for 2 seconds until the connected light flashes rapidly and stays on. Pairing is successful when the light responds to the color wheel.



Power-On Pairing

1. After powering off and restarting the controller, complete the following operation within 10 seconds.

2. Code-matching remote control:
Press and hold the ON button on the remote for 2 seconds until the connected light flashes rapidly and stays on. Pairing is successful when the light responds to the color wheel.



Note: A single controller can be paired with up to 10 remote controls. If more than 10 remote controls are paired, the ID code of the first remote control will be automatically deleted.

Clear Code

How to delete all remote controls:
Press and hold the controller's ID learning button for 6 seconds. The load light will flash rapidly four times and then stay on, indicating successful clearing of the paired ID.



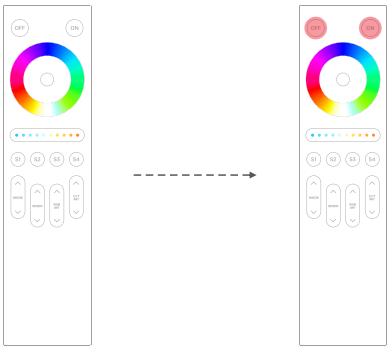
Using Remote Controls Together

ID Learning (Example: Remote B learns from Remote A)

1. Press and hold the ON and OFF buttons on Remote B simultaneously until the indicator stays on, then release the buttons.
2. Press any button on Remote A within 5 seconds. The indicator on Remote B will flash rapidly twice and then turn off, indicating successful learning.

*If Remote A has already been paired with the controller, Remote B can learn the ID from Remote A and can directly control the controller without pairing with the controller again.

*Only remote controls of the same model can learn from each other.



Clear Code

Press and hold the ON and OFF buttons on the B remote control simultaneously for about 10 seconds; when the indicator light flashes three times, the programmed remote control code will be cleared.



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.

2. Storage

The storage conditions should comply with the Class I Environmental Standards. The products that have been stored for more than six months are recommended to be re-inspected and can be used only after they have been qualified.

Attentions

- Please use in a dry indoor environment;
- When installing the battery, please connect the positive and negative terminal correctly. If the remote will not be used for a long period, take the battery out;
- When the remote distance is shorten and or the remote doesn't work frequently, please change the battery in time;
- Please carefully take it and put it down to prevent falls that cause damage;
- 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 period: 5 years from the date of manufacture.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

Following conditions are not within the guarantee range of free repairing or replacementservices:

- 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 our company.

1. Repair or replacement provided is the only remedy for customers. Our company is not liable for any incidental or consequential damage unless it is within the law.

2. Our company has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

FCC Statement

1. 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.
(2)This device must accept any interference received, including interference that may cause undesired operation.
2.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.

LED遥控器

- RF2.4G无线传输，信号稳定、抗干扰能力强
- 遥控器分别为调光、色温、RGB、RGBW、RGBCW 提供单区控制
- 可搭配 P 系列控制器和 F 系列控制器使用
- 配备独立开 / 关按键，可实现灯光一键快捷开关
- 通过触摸亮度滑条及亮度键调节亮度，短按亮度键调节11档亮度，长按无极调光
- 预置4个场景模式，支持快捷调用，同时可通过长按保存自定义场景
- 一个遥控器可搭配多个控制器，一个控制器可搭配多达 10 个遥控器
- 支持控制器群组同步调光
- 配备塑料支架，便捷取用，整洁有序

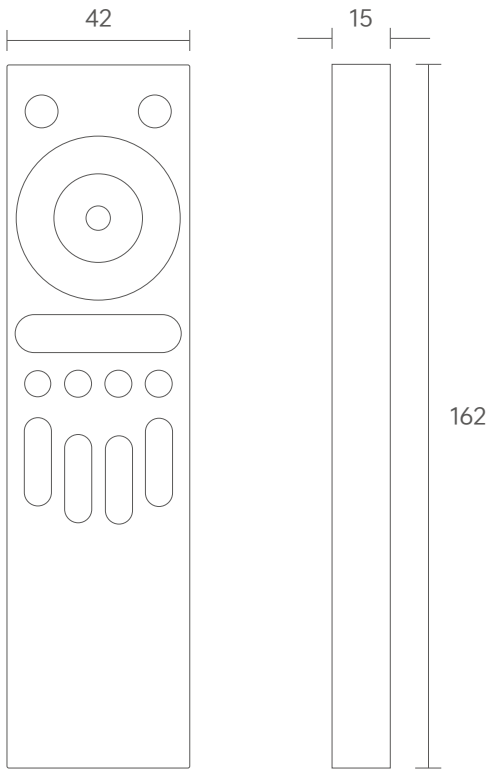


技术参数

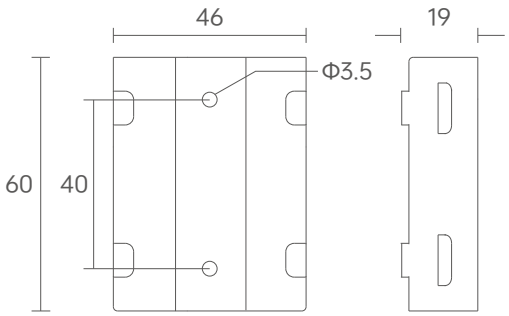
产品型号	Q1A	Q2A	Q4A	Q5A
区域控制	单区			
调光类型	DIM	CT	RGB/RGBW	RGBCW
无线类型	RF 2.4GHz			
供　　电	3Vdc，2×AAA(7号)　　注：电池需另行选购			
待机电流	< 3μA			
可搭配使用的控制器	P1 / P2 / P3 / P4 / P5/ F4-3A / F4-5A / F5-DMX-4A	P2 / P3 / P4 / P5/ F4-3A / F4-5A / F5-DMX-4A	P4 / P5/ F4-3A / F4-5A / F5-DMX-4A	P5 / F5-DMX-4A
工作温度	-10℃~50℃			
产品重量	60g±5g(含支架)			
规格尺寸	遥控器: L162×W42×H15mm；支架: L60×W46×H19mm			

结构尺寸

单位：mm

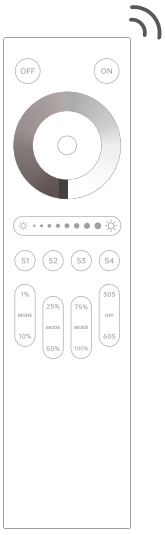


遥控器



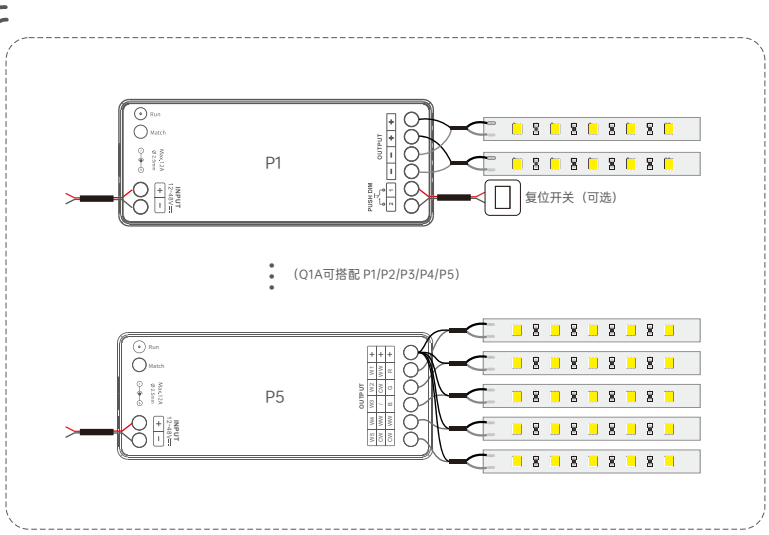
塑胶支架

接线示意图



Q1A

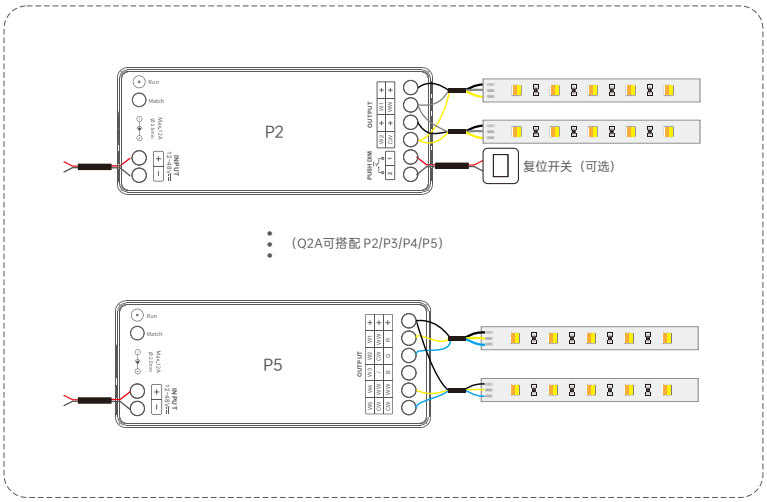
*可搭配多达 10 个遥控器

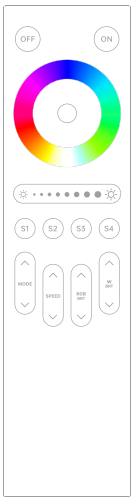




Q2A

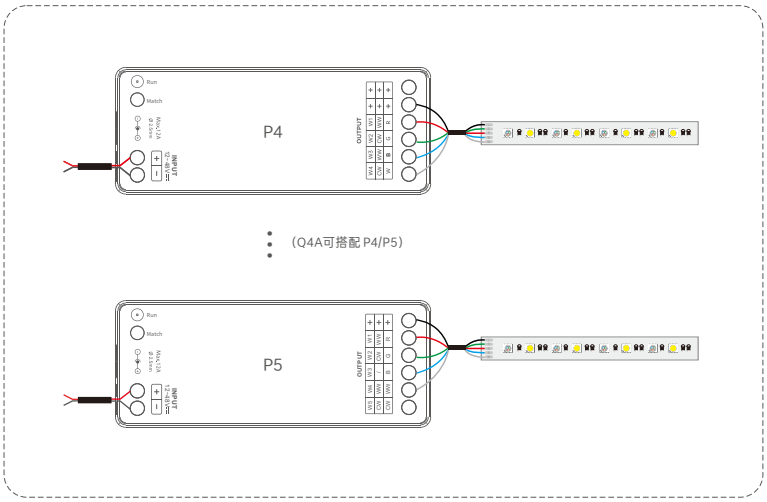
*可搭配多达 10 个遥控器





Q4A

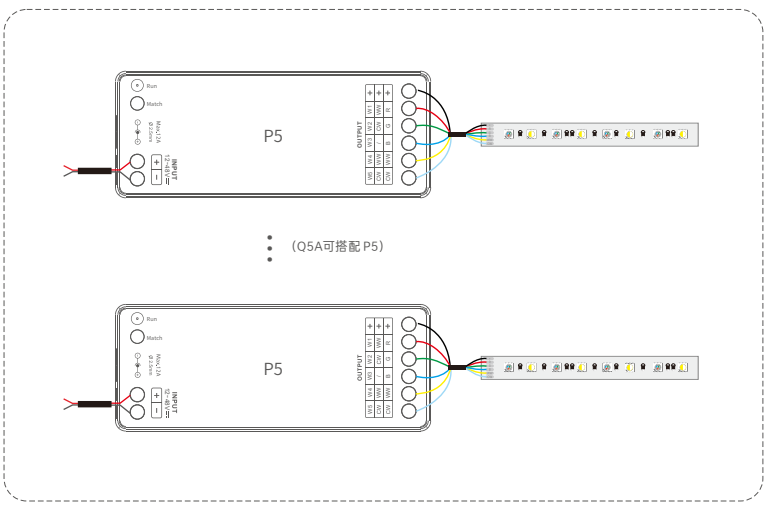
*可搭配多达 10 个遥控器



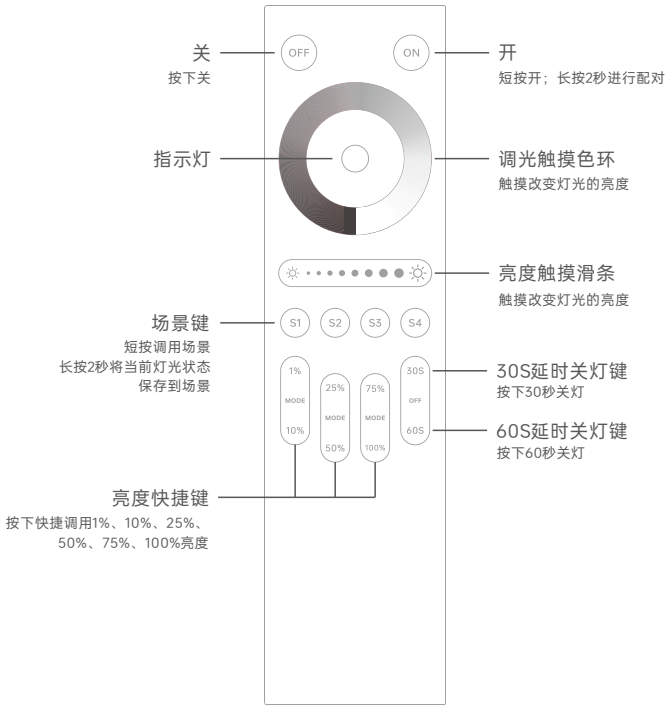


Q5A

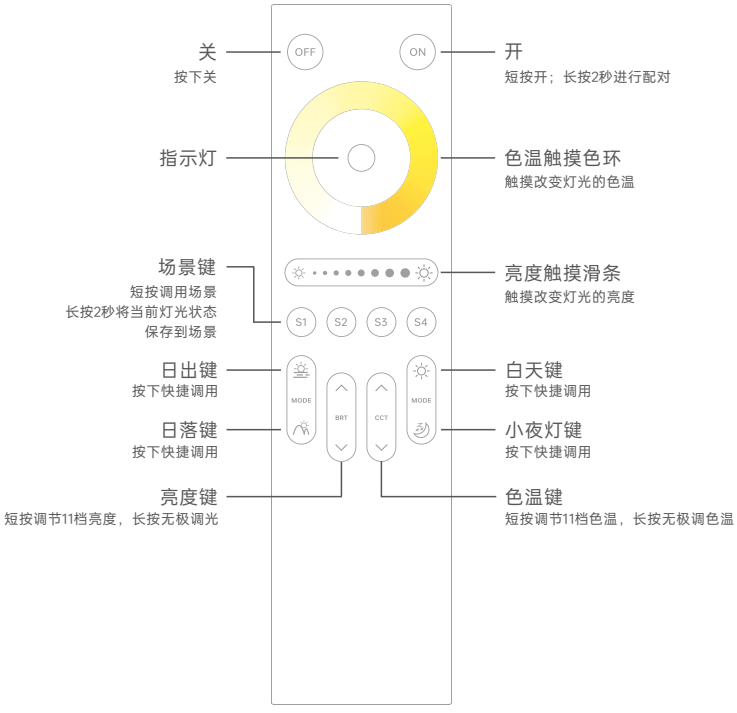
*可搭配多达 10 个遥控器



按键功能

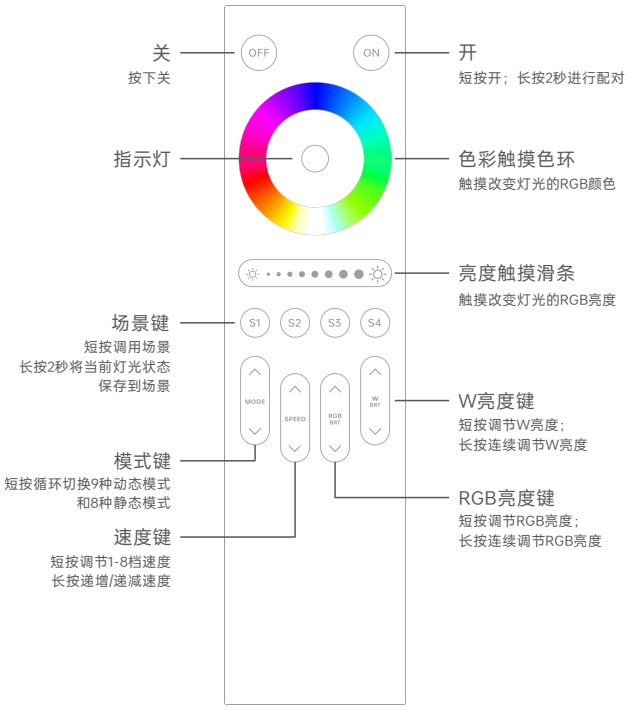

关
按下关
OFF
ON
开
短按开；长按2秒进行配对
指示灯
调光触摸色环
触摸改变灯光的亮度
亮度触摸滑条
触摸改变灯光的亮度
场景键
短按调用场景
长按2秒将当前灯光状态
保存到场景
S1
S2
S3
S4
1%
MODE
10%
25%
MODE
50%
75%
MODE
100%
30S
OFF
60S
30S延时关灯键
按下30秒关灯
60S延时关灯键
按下60秒关灯
亮度快捷键
按下快捷调用1%、10%、25%、
50%、75%、100%亮度

Q1A

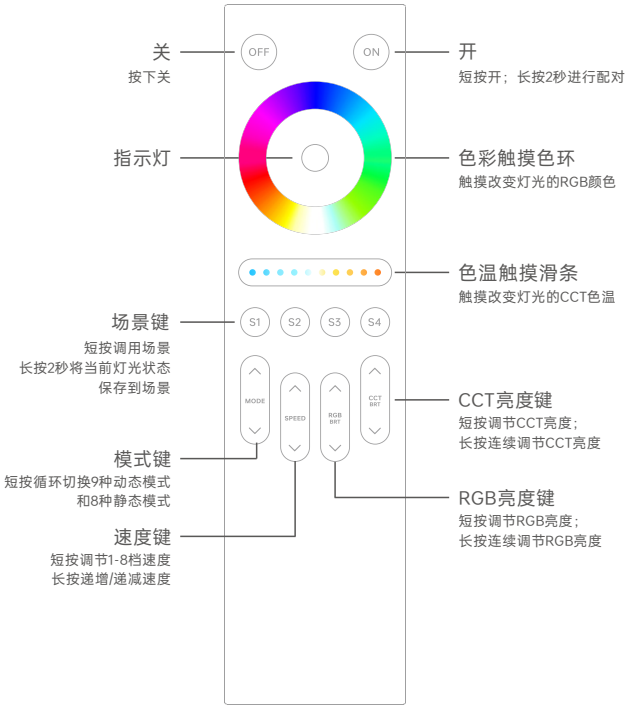

关
按下关
OFF
ON
开
短按开；长按2秒进行配对
指示灯
色温触摸色环
触摸改变灯光的色温
场景键
短按调用场景
长按2秒将当前灯光状态
保存到场景
亮度触摸滑条
触摸改变灯光的亮度
S1
S2
S3
S4
日出键
按下快捷调用
日落键
按下快捷调用
MODE
BRT
CCT
MODE
白天键
按下快捷调用
小夜灯键
按下快捷调用
亮度键
短按调节11档亮度，长按无极调光
色温键
短按调节11档色温，长按无极调色温

Q2A

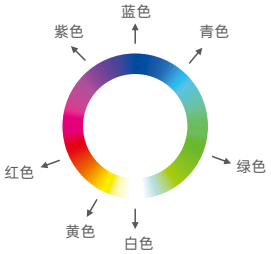
按键功能



Q4A



Q5A



颜色	R/G/B数值
红色	R100% G0% B0%
黄色	R100% G100% B0%
绿色	R0% G100% B0%
青色	R0% G100% B100%
蓝色	R0% G0% B100%
紫色	R100% G0% B100%
白色	R100% G100% B100%

预设动态模式			静态模式		
	1	红紫渐变		10	纯红
	2	蓝紫渐变		11	纯绿
	3	色温渐变(暖黄、冷白)		12	纯蓝
	4	三色跳变(RGB)		13	纯黄
	5	六色渐变(红绿蓝黄紫青)		14	纯紫
	6	七色跳变(红绿蓝黄紫青白)		15	纯青
	7	七色渐变(红绿蓝黄紫青白)		16	混光白
	8	三色渐明渐暗(RGB)		17	黑色
	9	白色渐明渐暗			

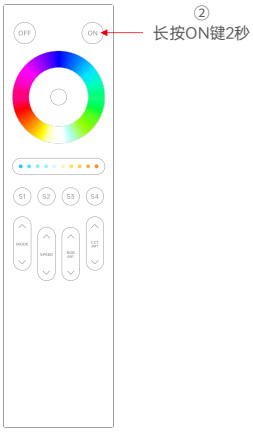
与P系列控制器搭配使用

按键对码

1.短按控制器的ID学习键，负载灯闪烁，请在10秒内完成以下操作。

2.对码遥控器：

长按遥控器ON键2秒，直到控制器负载灯快闪后常亮，且触摸色环时有变化，即学习成功。



上电对码

1. 控制器断电后重新上电，请在10秒内完成以下操作。

2.对码遥控器：

长按遥控器ON键2秒，直到控制器负载灯快闪后常亮，且触摸色环时有变化，即学习成功。

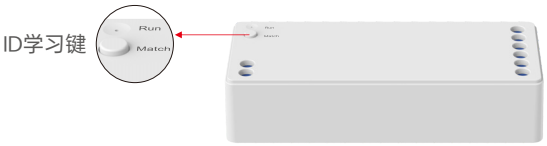


注：一台控制器最多可配对10个遥控器，配对超过10个遥控器将会自动删除最前面的遥控器ID码。

清码

删除全部遥控器方法：

长按控制器ID学习键6秒，控制器负载灯快闪4次后常亮，清码成功。



遥控器之间搭配使用

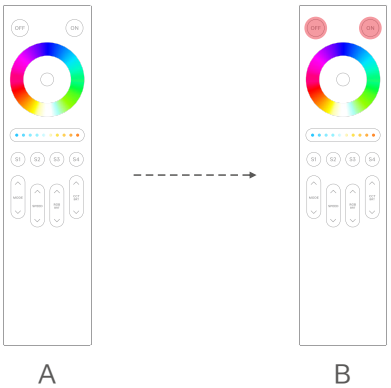
对码（假设B学习A）

1.同时按住B遥控器的ON、OFF键，直至指示灯常亮后松开。

2.在5秒内按下A遥控器的任意键，B遥控器指示灯快闪2次后熄灭，学习成功。

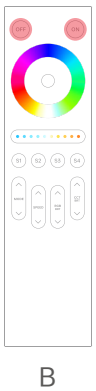
*假设A遥控器已经与控制器配对使用，再用B遥控器学习A遥控器，那B遥控器无需再与对应控制器配对便可直接控制使用；

*同型号遥控器才能互学。



清码

同时长按B遥控器ON、OFF键约10s，指示灯快闪3次即清除所学的遥控器码。



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。

微功率设备使用说明

（1）本产品使用的 RF2.4GHz 技术符合“微功率短距离无线电发射设备目录和技术要求”的具体条款和使用场景，采用的天线类型和性能，控制、调整及开关等使用方法；

（2）不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率（包括额外加装射频功率放大器），不得擅自更改发射天线；

（3）不得对其他合法的无线电台（站）产生有害干扰，也不得提出免受有害干扰保护；

（4）应当承受辐射射频能量的工业、科学及医疗（ISM）应用设备的干扰或其他合法的无线电台（站）干扰；

（5）如对其他合法的无线电台（站）产生有害干扰时，应立即停止使用，并采取措施消除干扰后方可继续使用；

（6）在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站（含测控、测距、接收、导航站）等军民用无线电台（站）、机场等的电磁环境保护区域内使用微功率设备，应当遵守电磁环境保护及相关行业主管部门的规定；

（7）禁止在以机场跑道中心点为圆心、半径5000米的区域内使用各类模型遥控器；

（8）微功率设备使用时运行的环境条件:运行温度为-10℃~50℃和额定电压为3Vdc。

注意事项

- 限室内与干燥环境使用；
- 安装电池时，注意电池的正负极，长时间不使用遥控器，请取出电池；
- 当遥控距离变小或遥控频繁失效时，请及时更换电池；
- 应轻拿轻放， 避免跌落造成损坏；
- 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5年。
- 在保修服务期内出现产品质量问题我司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；
- 无我司签订的合同或发票凭证。

1. 修理或更换是我司对客户的唯一补救措施。我司不承担任何附带引起的损害赔偿责任，除非在适用法律范围之内。

2. 我司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。