**RF Wireless Remote**
Single Color

# LED Controller
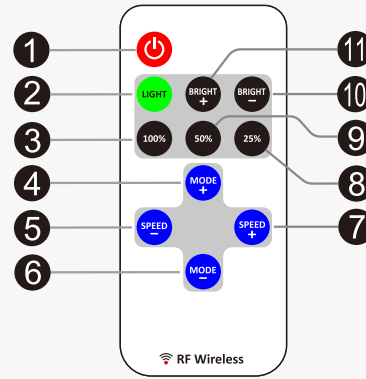
## SCRFC5A

## Instructions

- Dimmer & Dynamic
- 8 Dynamic Effects
- Speed Adjustable
- 10-Level Dimmer
- 256-Grade PWM
- Card Type RF Remote
- Ultra Slim Design
- Smooth Dimmer Effect
- Easy Remote Pairing
- Power off Memorize

## Functions

UltraLux®



RF Wireless

### 1. Turn On/ Standby
Press this key to turn on unit or switch to standby mode. At power on, unit will automaticly turn on and restore to previous status .

### 2. Lighting mode
Switch to lighting  mode from dynamic mode.

### 3/8/9. Dimmer Adjust Shortcuts
Switch to 100%, 50%, or 25%  brightness lighting mode.

### 4/6. Dynamic Mode Adjust
Switch to dynamic mode from lighting mode, or switch between different dynamic modes.

### 5/7. Speed Adjust
Adjust running speed of dynamic modes. Press SPEED+ to increase speed and press SPEED- to decrease. Unit will switch to dynamic mode if press this key at lighting mode.

### 10/11. Brightness Adjust (Dimmer)
Adjust brightness at lighting mode. Press BRIGHT+ to increase brightness and press BRIGHT- to decrease. Unit will switch to lighting mode when press this key at dynamic mode.

## Installing

### 1. Power Supply
This unit accepts DC 5V to 24V power supply. The red cable (or inner pole of DC jack) should be connected to positive and black cable (or sleeve pole of DC jack) to negative. Please make sure the power supply voltage is same as the LED load.

### 2. LED Output
The red cable (or inner pole of DC plug) should be connected to LED positive and black cable (or sleeve pole of DC plug) to negative.

The maximum output current is 5 amperes, please reduce the load if main unit is overheating.

**CAUTION!  Do not short circuit or overload the LED outputs, this may lead to permanent damage!**



## Operation

### 1. Using Remote Controller
Please pull out the battery insulate tape before using. The RF wireless remote signal can pass through barrier, so it's not necessary to aim at the main unit when operate.

For proper receiving remote signal, please do not install the main unit in closed metal parts.

### 4. Pairing New Remote
The remote and main unit is 1 to 1 paired as default. Further more, main unit can be paired to 3 remote controllers and each remote controller can be paired to any main unit. Please do following steps to pair new remote controller:
1). Plug off the power of main unit and plug in after 5 seconds.
2). Press '100%' and '25%' key together in 5 seconds after power on.
After this operation, the main unit will recognize the new remote controller.

### 5. Free Remote Pairing Mode
In some specific cases, the main unit may need to be paired to any remote controllers. Please do following steps for free remote pairing mode:
1). Plug off the power of main unit and plug in after 5 seconds.
2). Press 'ON/OFF' and 'BRIGHT+' key together in 5 seconds after power on.
After this operation, the main unit will recognize any remote controller. To pair the main unit back to specific remote, please repeat the 'Pairing New Remote' operation.

## Specification

| | |
|---|---|
| Dynamic mode | 8 modes |
| Dynamic speed level | 10 levels |
| Lighting brightness level | 10 levels |
| PWM grade | 256 levels |
| Smooth dimmer effect | Yes |
| Working voltage | DC 5 - 24V |
| Output current | 5A max |
| Remote controll mode | RF Wireless |
| Remote frequency | 433.92MHz |
| Remote distance | >15m at open area |
| Battery type | CR2025 / 3V |