

## Installing

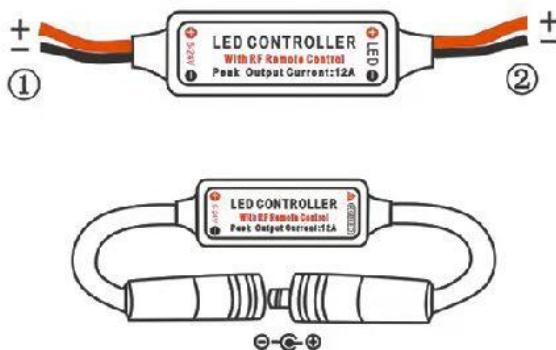
### 1. Power Supply

This unit accepts DC5V to 24V power supply. The red cable should be connected to positive and black cable to negative. Please select proper power supply according to the LED application.

### 2. LED Output

The red cable should be connected to LED positive and black cable to negative. The peak output current is 12A, please reduce load if main unit is overheating.

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



### RF Wireless Remote

## LED Controller

### Instructions

- Dimmer & Dynamic
- Card Type Remote
- 8 Dynamic Effects
- Ultra Slim Design
- 10-Level Dimmer
- Smooth Dimmer Effect
- 256-Grade PWM
- 1 to 1 Remote Paired
- Speed Adjustable
- Auto Save Function

#### 1. Turn On/Standby

Press this key to turn on unit or switch to standby mode. Unit will turn on and restore to previous status at powering on moment.

#### 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.

### 3. Remote Control

Please pull out the insulate part 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, do not install the main unit in closed metal parts. The remote battery is 3V CR2025 type, please only replace with same type battery.

## Specification

Dynamic mode	8 modes
Dynamic speed level	10 levels
Lighting brightness level	10 levels
PWM grade	256 grades
Smooth dimmer effect	Yes
Working voltage	DC 5-24V
Output current	peak 12A
Remote control mode	RF Wireless
Remote frequency	433.92MHz
Remote distance	>30 m at open area

#### 4/6. Dynamic Mode Adjust

Switch to dynamic mode from lighting mode, or switch between different dynamic modes.

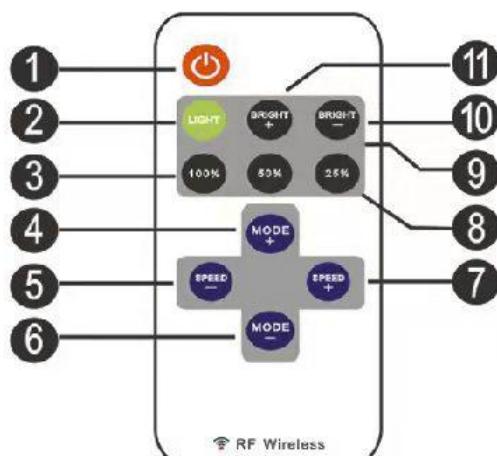
#### 5/7. Speed Adjust

Adjust playing speed of dynamic modes. Press SPEED+ to increase speed and press SPEED- to decrease.

#### 10/11. Brightness Adjust(Dimmer)

Adjust lighting mode brightness. Press BRIGHT+ to increase brightness and press BRIGHT- to decrease.

## Functions



# Installing

## **1. Power Supply**

This unit accepts DC5V to 24V power supply. The red cable should be connected to positive and black cable to negative. Please select proper power supply according to the LED application.

## **2. LED Output**

The red cable should be connected to LED positive and black cable to negative. The peak output current is 12A, please reduce load if main unit is overheating.

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

## **3. Remote Control**

Please pull out the insulate part 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, do not install the main unit in closed metal parts. The remote battery is 3V CR2025 type, please only replace with same type battery.

# Specification

Dynamic mode	8 modes
Dynamic speed level	10 levels
Lighting brightness level	10 levels
PWM grade	256 grades
Smooth dimmer effect	Yes
Working voltage	DC 5-24V
Output current	peak 12A
Remote control mode	RF Wireless
Remote frequency	433.92MHz
Remote distance	>30 m at open area

# **FCC Statement**

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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

## RF Exposure Information

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition, compliance with exposure requirements.