

尺寸：宽度195*高度190mm

RF Wireless Remote Advanced

RGB LED Controller

Instructions

- 22 Dynamic Modes
- 7 Static Colors
- Very Smooth Effects
- Speed Adjustable
- Brightness Adjustable
- Card Type RF Remote
- Ultra Slim Design
- Dynamic Demo Mode
- Easy Remote Pairing
- Direct Color Select

1. Turn on/standby

Press this key to turn on unit or switch to standby mode. At power on, unit will automatically turn on and restore to previous status.

2/9. Dynamic Mode Adjust

Switch to dynamic mode from static color or switch between dynamic modes.

3/10. Dynamic speed Adjust

Adjust dynamic playing speed. Press SPEED+ to increase speed and press SPEED- to decrease. Unit will switch to dynamic mode if press this key at static color mode.

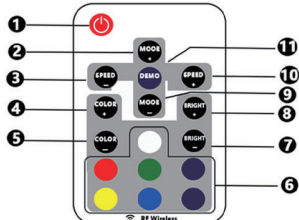
4/5. Static Color Adjust

Switch to static color mode from dynamic mode, or switch between static colors.

6. Direct Color select

Shortcut key to static colors, when press the specific color key, LED will play the same static color. The direct colors are included in "COLOR+" and "COLOR-" operation.

Functions



7/8. Brightness Adjust

static color brightness. Press BRIGHT+ to increase brightness and press BRIGHT- to decrease. Unit will switch to static color mode if press this key at dynamic mode.

11. Demo Mode

Press this key will switch to Demo mode. At demo mode, it plays 17 dynamic modes in loop, each mode repeats 3 times

Installing

1. Power supply

This unit accepts DC 5V power supply. The DC jack's inner pole (or red cable) is positive and sleeve (or black cable) is negative. Also please make sure the power supply voltage is same as the LED load.

2. LED Output

This unit support common anode connection LED products. The mark 'A' indicates the common connection node.

The peak output current is 4 amperes and maximum constant current is 2 amperes per channel. Please reduce load if main unit is overheating.

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



Operation

2 Common Node

1. Using Remote Controller

(1) Please pull out the battery insulation tape before using. The RF wireless remote signal can pass through barriers, so it's not necessary to aim at the main unit when operate.

(2) Press 'ON/OFF' and 'MODE+' keys 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.

4. Switch Output Color Sequence

The controller's default output signal sequence is Common-Green-Red-Blue. If the LED application is in different cable sequence, the direct color keys will not match the LED color. In this case, user can adjust the output signal sequence the following steps:

- (1). Unplug the power of main unit and plug in after 5 seconds.
- (2). Press 'RED' and 'BLUE' color keys together in 5 seconds after power on.

With this operation, the output sequence will switch between 6 possible combinations. The sequence will be memorized and it won't change before next same operation. For proper to receive remote signal, please do not install the main unit in closed metal parts.

2. Pairing New Remote

The remote control and receiver can be paired 1:1, and remote control can be paired with any receiver.

Please follow the steps below to pair the receiver with new remote

(1) Connect LED strip light with LED receiver.

(2) Power on, Press and hold the "COLOR-" and "BRIGHT-" at the same time in 5 seconds, then you will see Led flashing, which means the pairing is successful.

Dynamic mode	22 modes
Static Color	7 colors
PWM Grade	256 levels
Brightness Grade	8 levels
Speed Grade	8 levels
Demo mode	Yes
Direct Color Select	Yes
Output Color Switchable	Yes, 6 options
Working Voltage	DC 5V
Output Current	3x2A constant
Remote frequency	433.92MHz
Remote distance	>15m at open area

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. Any 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