

RF Wireless Remote

RGB LED Controller

CS9016

Instructions

● 19 Dynamic Modes

● 20 Static Colors

● Very Smooth Effects

● Speed Adjustable

● Brightness Adjustable

● Card Type Remote

● Ultra Slim Design

● Demo Mode

● Easy Remote Pairing

● Direct Color Select

Functions

1

2

3

4

5

6

7

8

9

10

11

Power

MODE +

SPEED -

COLOR +

COLOR -

MODE -

DEMO

BRIGHT +

BRIGHT -

Red

Green

Blue

Yellow

Cyan

Magenta

RF Wireless

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.

2/9.Dynamic Modes Adjust

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

3/10.Dynamic Seed Adjust

Adjust dynamic playing speed. Press Speed+ to increase speed and press Speed- to decrease speed. 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 different 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.

7/8.Brightness Adjust

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 will loop play 9 dynamic modes, each mode repeat 3 times.

Installing

1.Power Supply

This unit accepts DC 5V to 24V power supply. The inner pole polarity is positive and sleeve is negative. Please select proper power supply according to the LED application.

2.LED Output

This unit support common anode connection LED products. The mark "▲" indicates the common connection node. The peak output current is 4A per channel, please reduce load if main unit is overheating.

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

LED CONTROLLER

With RF Remote Control

Peak Output Current: 3~4A

1

2

Common Node

3.Remote Controller

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	19 modes
Static Color	20 colors
PWM Grade	256 levels
Brightness Grade	5 levels
Speed Grade	10 levels
Demo mode	Yes
Working Voltage	DC 5~24V
Output Current	3-way, peak 4A per channel
Remote Frequency	433.92MHz
Remote Distance	>15m at open area

## FCC Statement

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.

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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Radiation Exposure Statement

This device complies with RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.