Manuals+ — User Manuals Simplified.

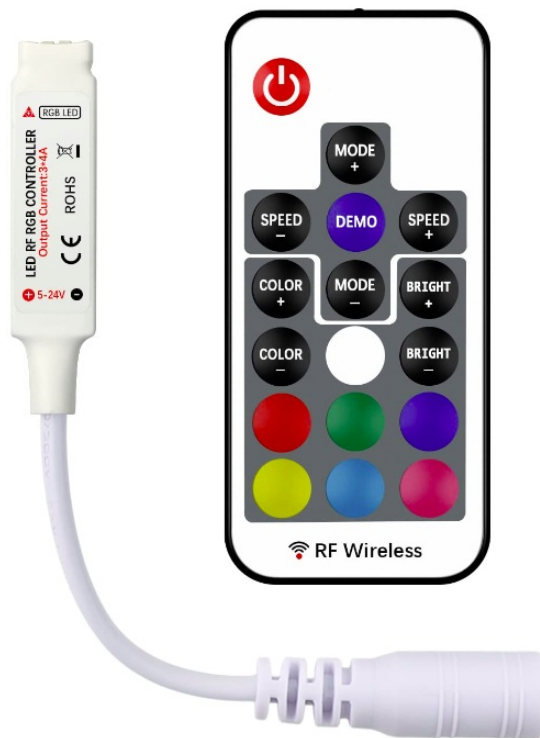# RGBZONE RF Wireless RGB LED Remote Controller Instructions

RGBZONE RF Wireless RGB LED Remote Controller Instructions

Contents

Instructions

- 22 Dynamic Modes
- 20 Static Colors
- Very Smooth Effects
- Speed Adjustable
- Brightness Adjustable
- Card Type RF Remote
- Ultra Slim Design
- Dynamic Demo Mode
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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.
Dynamic Mode Adjust
Switch to dynamic mode from static color, or switch between dynamic modes.
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.
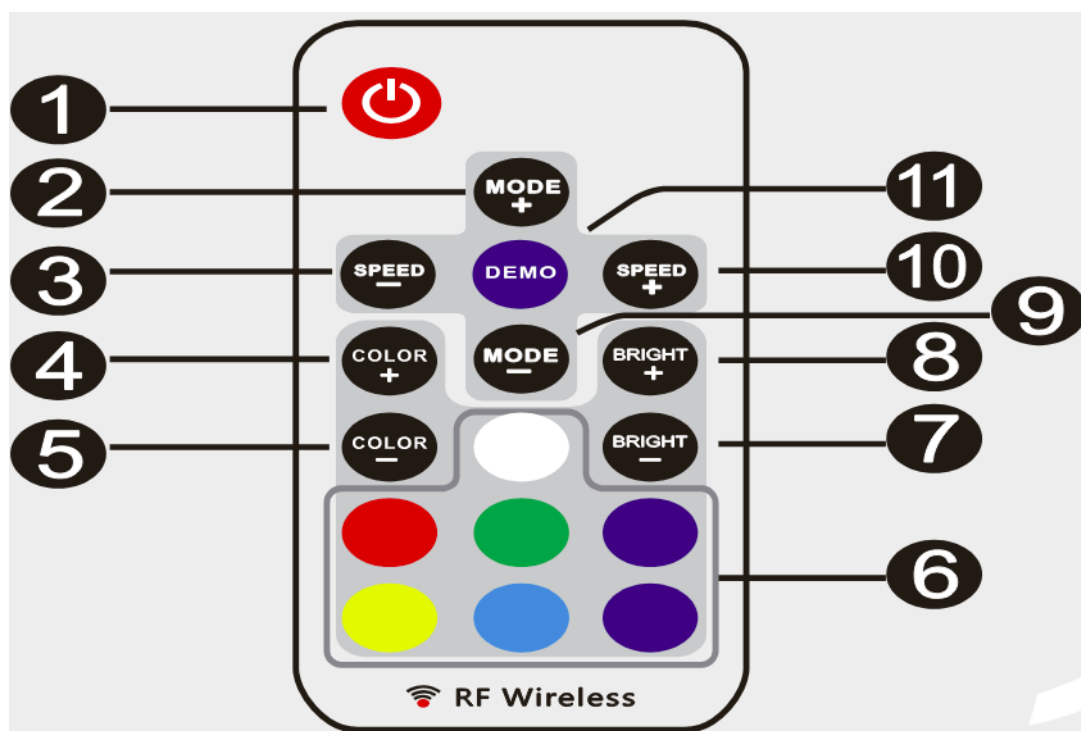**Static Color Adjust**
Switch to static color mode from dynamic mode, or switch between static colors.
Direct Color Select
Shortcut key to static colors. When press the specific color key. LED will play the same static color. The direct colors are included In 'COLOR+' and 'COLOR-' operation.

Functions

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.
Demo Mode

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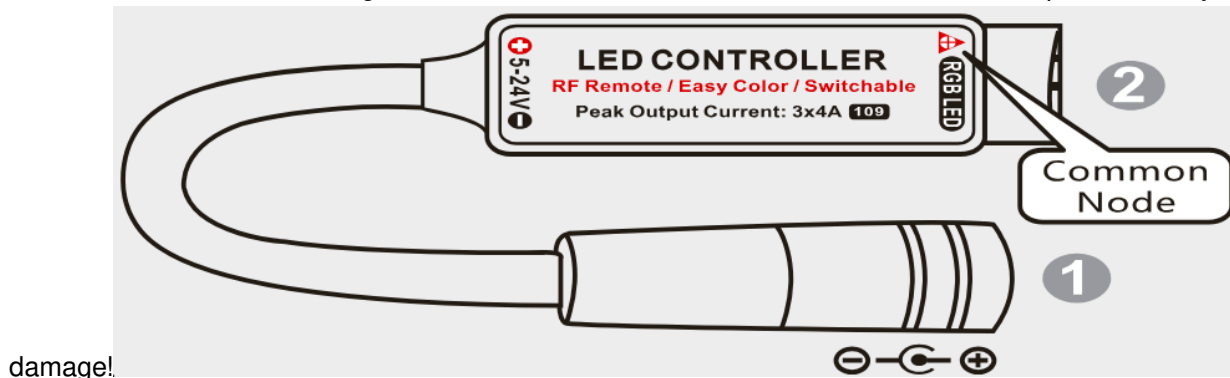
Installing

1. **Power Supply**

   This unit accepts DC 5V to 24V power supply. The DC jack's inner pole for red cable) is positive and sleeve for 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 per t

damage!

Operation

1. **Press 'ON/OFF' and 'MODE.'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

Switch Output Color Sequence

The controllers 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 with following steps:

1. Plug off the power of main unit and plug in after 5 seconds.
2. Press *RED' and 'BLUE' color key 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 wont change before next same operation

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

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 'COLOR- and 'BRIGHT key together in 5 seconds after power on. After this operation, the main unit will recognize the new remote controller.
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 S seconds.

Specification

Dynamic mode	22 modes
Static Color	20 colors
PWM Grade	256 levels
Brightness Grade	5 levels
Speed Grade	10 levels Yes
Demo mode	Yes
Direct Color Select	Yes
Output Color Switchable	Yes, 6 options
Working Voltage	DC 5-24V
Out Current	3x4A peak, 3x2A constant
Remote Frequency	433.92MHz
Remote distance	>15m at open area

FCC STATEMENT

I. 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 mint 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 Pan 15 of the FCC Rules. These limits arc 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 imaructions, may cause harmful interference to radio communications. Ilowever, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference ton 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.

RF warning statement: The device has been evaluated to meet general RF exposure requirement The device can be used in portable exposure condition without restriction.

Documents / Resources

	RGBZONE RF Wireless RGB LED Remote Controller [pdf] Instructions TY10511301, 2BB8G-TY10511301, 2BB8GTY10511301, RF Wireless RGB LED Remote Controller, RGB LED Remote Controller, LED Remote Controller, Remote Controller