

## 2.4GHz Touch Remote RGB Controller



RoHS CE V3.0

### CAUTIONS:

1. Do not expose the components of this product direct moisture.
2. Do not expose the components of this product to excessively high temperatures.
3. Please keep out of reach of children.
4. Please consult your owner's manual and/or local dealer if issues arise.
5. Do NOT mix alkaline, standard and rechargeable Batteries.
6. Do NOT mix old and new Batteries.
7. Exhausted Batteries should be removed immediately from the Remote.
8. The supply terminals are not to be short-circuited.

### Technical Parameters :

Remote		Receiver	
Control Freq.	2.4G Hz RF	Input	DC12V~24V
Power Supply	2*AAA battery	Output	3 Channel
TX Power	6db	Output current	6A(each channel)
Standby Power Consumption	10uA	Output Power	Max 216W/432W(12V/24V)
Size:	L110xW53xH20mm	Connecting mode	Common anode
Remote Distance	>20m	Output gary level	256
Standby time	6 months	Size:	L86xW45xH23mm
Operating Temp.		-20°C~55°C	

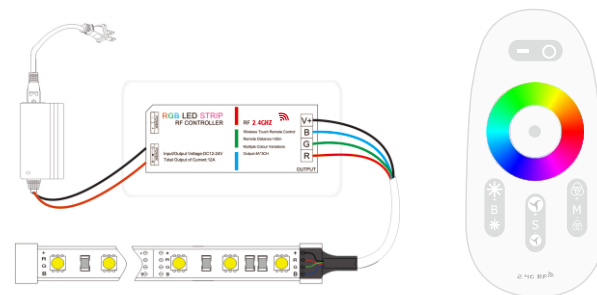
### Remote Interface:

	<b>ON/OFF</b> Turn ON/OFF the Light and the Controller
	<b>Color Wheel</b> Select the LED Light color
	<b>Signal Indicator light</b> RED Light means the Remote Send signal
	<b>Brightness Adjust Button</b> Change the LED Light Brightness by clicking the buttons
	<b>Speed Adjust Button</b> In Dynamic Mode,increase/decrease the changing speed
	<b>Modes Select Button</b> Select the Modes by clicking the button

### Controller Interface:



### Connecting Setup :



### Materials:

- 1, One Power Adapter, or a DC12-24V Source. To give DC Voltage to the Receiver
- 2, Two AAA Batteries, to power the Remote
- 3, One LED RGB Strip

### Operating Process:

- 1, Refer Ronnecting Setup, make sure the controller is connected correctly. And connect the LED to the Receiver correctly.
- 2, Load the Batteries to the Remote.
- 3, Power on the Receiver. And the LED will illuminate. If the LED would NOT illuminate, pls check the wire connection.Reset the wireand restore the power to the Controller.
- 4, If necessary, pls pair the Receiver to the Remote. Refer the below process... After pairing successfully, the Remote can only control the Receiver.
- 5, Now using the Remote, you could manage color of LED, and select the Operating Mode.
- 6, The Operating Mode is list as Program List below.

### Program List:

(The mode is just for reference,The actual modes are by the product criterion that has been received.)

No.	Mode	Note	No.	Mode	Note
1	W Static	Brightness Adjustable	11	W Strobing	Brightness/Speed Adjustable
2	W Breathing	Brightness/Speed Adjustable	12	R Flashing	
3	3-Colors Gradient		13	R Strobing	
4	3-Colors Breathing		14	G Flashing	
5	7-Colors Jumping		15	G Strobing	
6	3-Colors Jumping		16	B Flashing	
7	R/G Jumping		17	B Strobing	
8	R/B Jumping		18	Y Flashing	
9	B/G Jumping		19	Y Strobing	
10	W Flashing		20	Loop mode(1~19)	

PS: R&red G&green B&blue W&white

### Pairing the Receiver to the Remote:

For some particular application, if you want one Remote only control one Receiver, then the Receiver is required to be paired to the Remote. Here below is the guide.

### Before any action, setup the controller correctly:

- 1, Load the Batteries into the Remote.
- 2, Connect LED to the Receiver.
- 3, Connect the Receiver to the Power Supply

### Pairing the Receiver to the Remote.

- 1, Switch off the main power supply to the Receiver.
- 2, Restore power, and within 6 seconds, sync depress the two buttons more than 2second., as picture.
- 3, If the LED flash, that mean the successful pairing process.
- 4, If the LED don't flash, repeat the step1 to step2.



## 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.