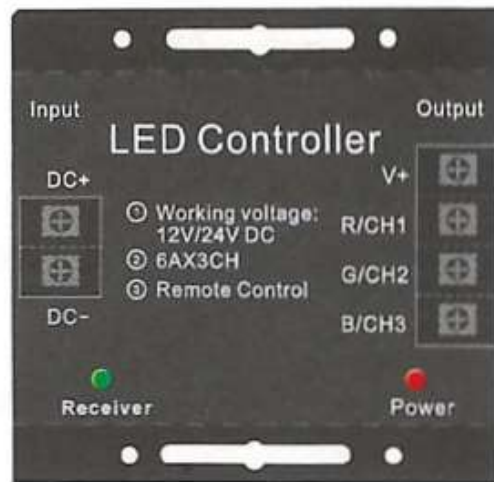


# User Manual

## — LED RGB Controller



V1.0

## SEPCIFICATIONS

Remote Distance: >20M  
Operating Temp.: -20°C ~ 60°C  
Dimming Method: PWM  
Grey Steps: 256 / CH  
Common Anode










## Remote

Power Supply : AAA Battery \* 3PCS  
Standby Power Consumption : 0.05mW

## Receiver

Input : DC 12V ~ 24V  
Output : Max 6A/CH, RGB 3CHs (Normal)  
Max 10A/CH, RGB 3CHs (Optional)

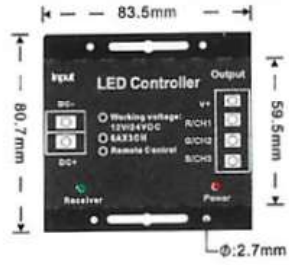
## Unit Instruction

Symbol	Function
	<b>ON / OFF</b> Turn ON/OFF the Light and the Controller.
	<b>Mode Select Buttons</b> Select operating modes by clicking the button
	Color Wheel
	In Static Mode, increase/decrease the Brightness In Dynamic Mode, increase/decrease the Speed
	<b>Battery Indicator (on Remote)</b> Battery is low when it flashes regularly without hand touch
	<b>DC Power Input Connectors ( Screw PINs )</b> Connect to 12/24VDC
	<b>Output Connectors (Screw PINs)</b> Connect to RGB LED
	<b>Signal Indicator</b> GREEN Light means the Receiver get signal from Remote
	<b>Power Indicator</b> RED Light means power supply is ok

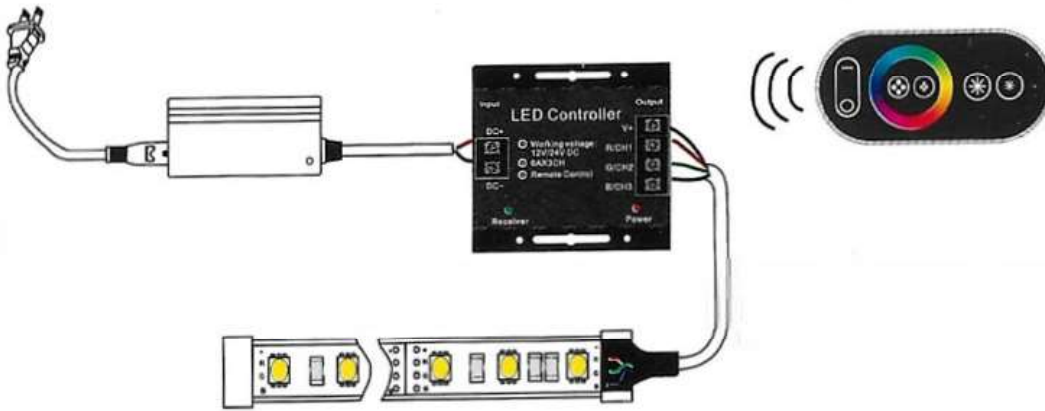
## Unit Instruction

Bug	Cause	Action
NO Light	<ol style="list-style-type: none"> <li>1, No power input to Controller/LED</li> <li>2, Wrong Connection</li> <li>3, Power Supply Faulty</li> </ol>	<ol style="list-style-type: none"> <li>1, Check the P-supply, make sure it works well.</li> <li>2, Check the Wire Connected.</li> <li>3, Check the Controller Status, make sure it's Powered Well</li> </ol>
Incorrect Light Color	RGB Wire mix-connected	Re connect the RGB Wire to the Controller
Remote NO Response	<ol style="list-style-type: none"> <li>1, Battery Low</li> <li>2, The Distance between Remote and Receiver is out of the range</li> </ol>	<ol style="list-style-type: none"> <li>1, Change the Batteries</li> <li>2, Get Remote more closer to the Receiver</li> </ol>
Remote Response Delay	<ol style="list-style-type: none"> <li>1, The wire connected LED to Controller are too long</li> <li>2, The wire is too thin</li> <li>3, The Power is overload</li> </ol>	<ol style="list-style-type: none"> <li>1, Shorten the wire connected LED to the Controller</li> <li>2, Updated the wire from thin to thick</li> <li>3, Add Power Amplifier /Repeater in the middle of the STRIP</li> </ol>
Different Brightness between Head and Tail of LED STRIP	<ol style="list-style-type: none"> <li>1, The wire connected LED to Controller are too long</li> <li>2, The wire is too thin</li> <li>3, The Power is overload</li> </ol>	<ol style="list-style-type: none"> <li>1, Shorten the wire connected LED to the Controller</li> <li>2, Updated the wire from thin to thick</li> <li>3, Add Power Amplifier /Repeater in the middle of the STRIP</li> </ol>
Signal Chaos between Remote and Receiver	<ol style="list-style-type: none"> <li>1, Another Remote Controller is working</li> <li>2, Another RF Source is working</li> </ol>	<ol style="list-style-type: none"> <li>1, Pair the Remote to the Receiver!</li> <li>2, Try to close the RF Source, or far the RF Source away</li> </ol>

## Mechanical Info



## Wiring Example



## Pair the Remote to a Receiver

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 the power supply, and long press the \* button for more than 3 seconds within 5 seconds, as shown in the figure.
- 3, If the LED flash, that mean the successful pairing process.
- 4, If the LED don't flash, repeat the step1 to step2.



## 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.