
Product Specifications

Model number:

Products name: Plastic Shell Full Touch RGB Controller

Product Description:



This FR touch remote control RGB controller adopted the advanced touch technology, Mainly used to control all kinds of constant volage led products, such as LED source, flexible strip, wall washer, glass curtain wall light and so on. User can choose different changing mode, adjust the speed and brightness,turn on/off by the remote control according to their preference .This controller is with power off memory function, next time to used it, will start with the model it save. Its built-in 7 kinds of static color, jump, fade, strobe,flow, automatic cycle and others effect. Agile wiring, easy connection and simple to used is the representative advantages of this controller.

Technical Parameters

Working temperature	-20-60°C
Supply voltage	DC12V~24V
Output	3 channels
Connecting mode	common anode
External dimension	L114×W64×H25mm
Remote control size	L114×W56×H25mm
Net weight	185g
Gross weight	205g

Static power consumption	<1W
Output current	<6A(each channel)
Output power	12V<216W; 24V<432W;

External Dimension

(controller size)

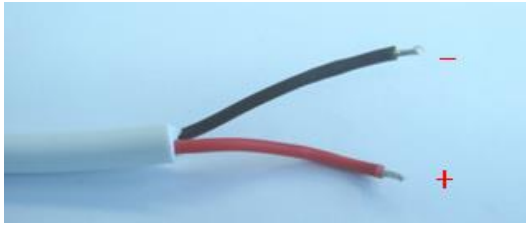


(remote control size)



Connection Interface:

Power input interface:






Adopt 2 sheathed wire as the connection line,black is for the V+,Red wire for the V-

Load output interface:



Adopt 4 sheathed wire as the connection line,black is for the V+,Red wire for the RED Channel, Green wire is for the Green Channel, Blue wire is for the blue channel .

Direction for use

- Connect the load wire at first, following by the power wire; **Please ensure short circuit can not occur between connecting wire before you turn on the power;**
- **Function introduce:**
 - 1、 Use the RF remote control, no need to make the remote direct to the controller,and the RF remote can controlled it Across obstacles.
 - 2、 In the open area remote control distance is over 30 meters;
 - 3、 Each controller and the remote are sticked with an unique ID on it,each controller can be study two remote control's ID,this means that one controlled can be controlled by two remote at the same time.Besides,this controller can make it to be controlled by the unique remote , or make one remote to controlled many controller as well.
 - 4、 the controller is full touch remote with color right on it , user can change the color simply by touch the color ring.
- When you get this controller, its already match code with the remote, press the brightness - key with 6 secondes after power the controller if you want to match code again.
- In OFF condition, just the ON key is valid, to turn on the controller by press the ON key for the first time on OFF condition.the controller will be in the same mode as last time it save.
- To switch the Static color effect to the dynamic models by press the ON key when in on condition.
- To switch back to the static color effect from the dynamic models by press the ON key when in ON condition.
- In dynamic models,   these two keys are for the mode +/mode - key, 


these two keys are for the brightness +/brightness - key.

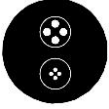
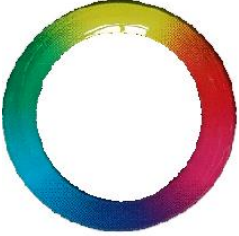


● **The dynamic models are as below:**

NO	Patterns	NO	Patterns	NO	Patterns
1	Three-color gradual changing	7	Yellow strobe-flash	13	Blue cross-fade
2	Seven-color jumpy changing	8	Cyan strobe-flash	14	Yellow cross-fade
3	Seven-color gradual changing	9	Purple strobe-flash	15	Cyan cross-fade
4	Red strobe-flash	10	White strobe-flash	16	Purple cross-fade
5	Green strobe-flash	11	Red cross-fade	17	White cross-fade
6	Blue strobe-flash	12	Green cross-fade		

Remote control Function instruction:




Button	Function
	The left one is OFF button,the right one is ON button, At any time just need to gently touch this two buttons,than can make it open or closed.

	<p>The Above one is mode + Button, at any state just touch this key to change for the former mode.</p> <p>The below one is mode - Button, at any state just touch this key to change for the latter mode.</p>
	<p>Touch the ring as shown,can choose static color by touching the color wheel. just touch ring,it will output the corresponding color at any time.</p>
	<p>in Static mode, brightness +, increase output luminance;in Dynamic mode, speed +, to speed up the rate of change.</p>
	<p>in static model,brightness-,Reduce output luminance; in Dynamic mode, speed -, slow down the rate of change.</p>

Match code Instructions:

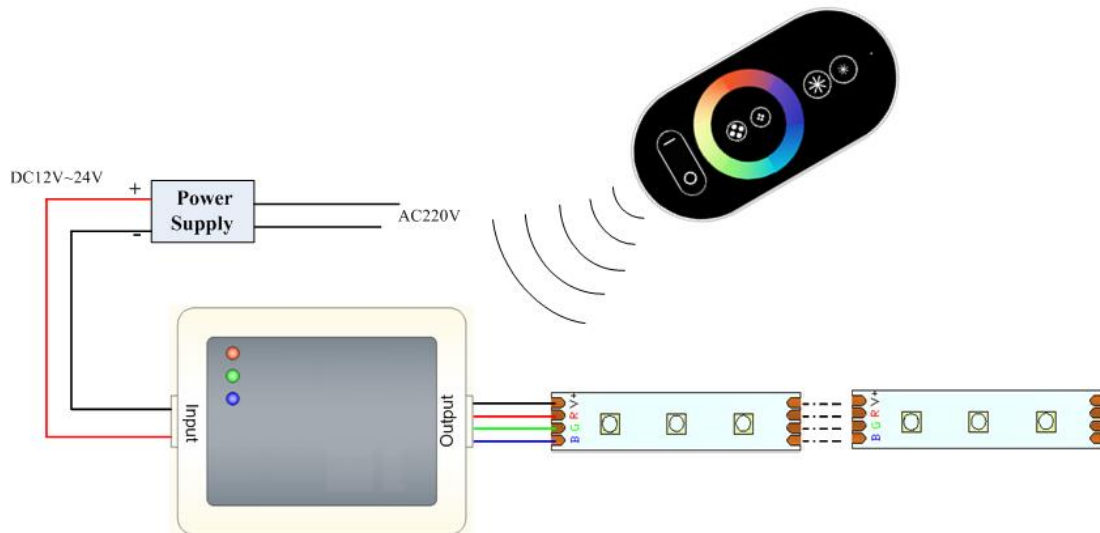
1.Remove the battery from the remote control,the remote control indicated light will be light last for about 8 seconds,then i will be turn off.

2.Re-installed the battery to the remote,connected the controller to the power supply again,at this time the controller will be flash white light,press the Brightness -  to study the controller' ID within 5 seconds.After finished studied the ID, Than the contronier will change into green light.If fail to studied ID,the controller will be OFF atomically after 5 seconds.

Remarks:Match code must be meet the below two requirement at the same time :

- 1.The remote control RED indicated Light is ON ,
- 2.The controller is flashing in white light.

Typical Applications



Cautions

1. Supply voltage of this product is DC12V~24V, never connect to others or AC220V.
2. Before using the infrared remote, the insulating film should be removed.
3. Lead wire should be connected correctly according to grade that connecting diagram offers.
4. This product is not to overload;
5. Warranty of this product is two year, but exclude the artificial situation of damaged or overload working.