

Product Specifications

Product name: Rf touch remote control RGB controlle



AP-RFTC-01

Introduction:

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.

Besides,This controller is with short circuit protection function,when meet short circuit, its green indicating light will be twinkling in a fixed frequency to indicate the user.what's more,Its with automatically restore function after short circuit protection,this personalized design can make the user experience another different sense.

main characteristic:

- ① Novel,fashionable,unique,noble appearance ,High sensitivity with good feeling.
- ② The touching ring is sensitive, the RGB color wheel is Very intuitive appear in the touch ring,user can choose the color they prefer easily.Beside, this remote can be touch single point or to touch continually to realize choosing the color .
- ③ Low power consumption, long lifespan, can be touch infinite times , overcome the shortcomings of traditional key short lifespan.

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⑥ Stable remote,long remote distance.

Technical parameters:

Controller:

Working temperature: $-30^{\circ}\text{C}\sim+60^{\circ}\text{C}$

Supply Voltage: DC5V/DC 12V-24V,

Output: 3 channels N-MOS Drain open output

Connection mode: common anode

Static power consumption: $<0.5\text{W}$

Output current: $6\text{A}\times 3\text{Ch}=18\text{A}$ 6A(Each channel)

controller dimension: : L83 X W79 X H33 mm

Package size: L205XW135XH45mm

Net Weight: 168g

Gross Weight: 392g

Remote Control:

Working temperature: $-30^{\circ}\text{C}\sim+60^{\circ}\text{C}$

Power supply mode: 2pcs NO.7 Battery

Supply voltage: 3V

Static power consumption: $<0.09\text{mW}$

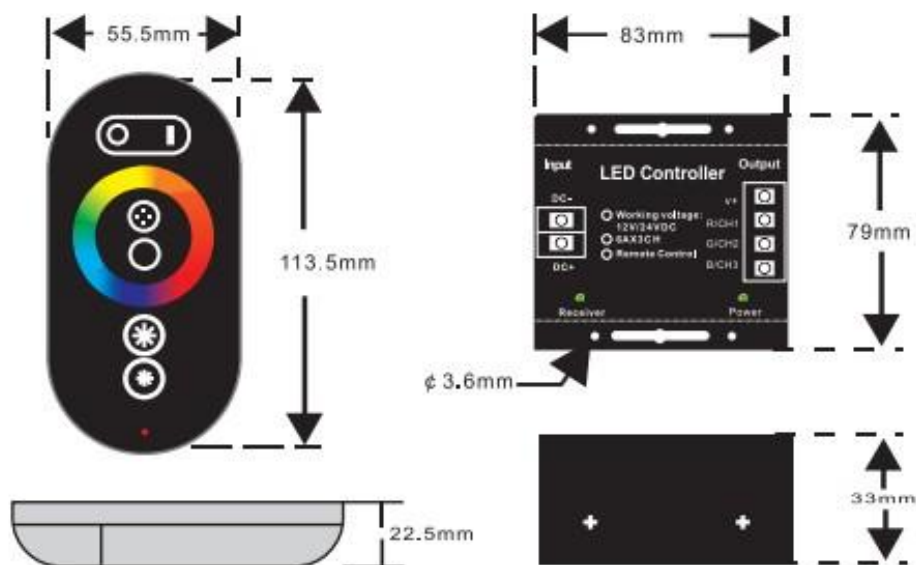
Static current: 10uA

Operating current: 15mA

Remote-controlled distance: $>20\text{M}$



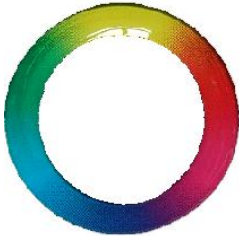
Stand-by time: 6 months



External dimension:



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.
	The Above one is mode + Button, at any state just touch this key to change for the former mode.
	The below one is mode - Button, at any state just touch this key to change for the latter mode.
	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.

	in Static mode, brightness +, increase output luminance; in Dynamic mode, speed +, to speed up the rate of change.
	in static model, brightness -, Reduce output luminance ; in Dynamic mode, speed -, slow down the rate of change.

changing models are as below:

NO.	Model	Remarks	NO.	Model	Remarks
1	Static red	Brightness adjustable	10	Three Color fade	Speed, brightness are adjustable
2	Static green		11	Three color flow	
3	Static blue		12	seven Color fade	
4	Static yellow		13	Seven color flow	
5	Static purple		14	Three-colors flash frequency	
6	Static cyan		15	Seven-colors flash frequency	
7	Static white		16	Three-colors blasting flash	
8	Three color jump	Speed, brightness are adjustable	17	Seven color blasting flash	
9	Seven color jump		18	Automatic mode	

Connection Instruction:



DC+: For power input + (power supply voltage 12v-24v)

DC-: For power input -

V+: For Load Common anode

R/CH1: Load output Red channel

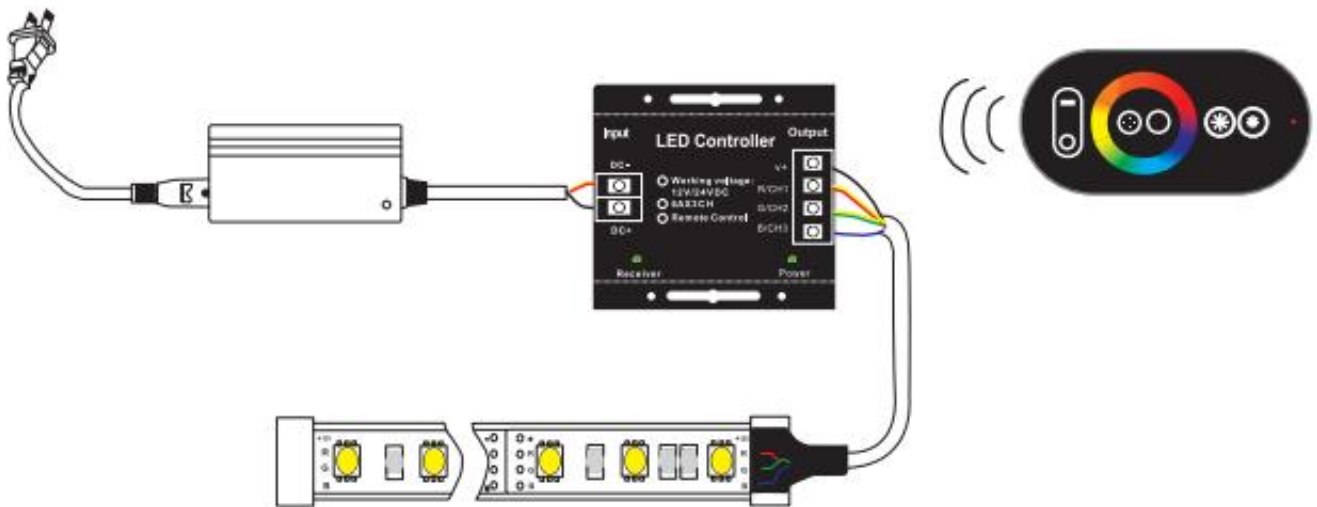
G/CH2: Load output Green channel

B/CH3: Load output Blue channel

Power: Red indicating light is for power light, when the power on it will be turn on.

Receiver: Green indicating light, normally it will be in the state of OFF, it will be twinkle when received Signal From the remote. When the controller output meets short circuit, the green indicating light will be twinkle in a Fixed frequency to indicate the user.

Typical Applications:



Notes:

1. The use of power and load voltage, current, power must be consistent with the product.
2. Please make the connection like the diagram above (to connect the load wire first, than to connect with the power), In the process of operation please avoid short circuit.
3. This product warranty is 12 month, But not including the damage by people and other reason caused by over load working.