Product Specifications

Product name：RF touch remote control RGB controller

Introduction:

This is RF touch remote control RGB controller which adopts high-precision capacitive touch IC chip to make the touching more smoothly.   Mainly used to control all kinds of DC constant voltage led products, such as LED source, flexible strip, wall washer, glass curtain wall light etc... We built-in 18 modes: static colors, jump, fade, strobe changing modes.

Besides, this controller got short circuit protection, when the short circuit happens, the indicator will keep flashing. It will recovery itself when the short circuit happened later.

Technical parameters:

Receiver：

Working temperature：-20℃~- 60℃	Supply Voltage：DC5V / DC 12V-24V,
Output：3 channels	Connection mode：Common anode
Static power consumption：<0.5W	Output current：10A*3CH=30A
controller dimension：：L83 X W79 X H33 mm	Package size：L205XW135XH45mm
Net Weight：168g	Gross Weight：392g

Remote Control：

Working temperature：-20℃ - 60℃	Power supply mode：AA battery *2pcs
Supply voltage：3V	Static power consumption：<0.09mW
Static current：10uA	Operating current：15mA
Remote-controlled distance：20-30Meters	Stand-by time：6 months
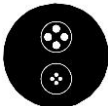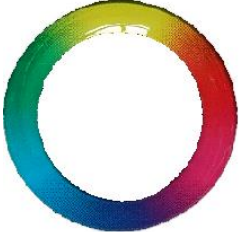
Product dimension:
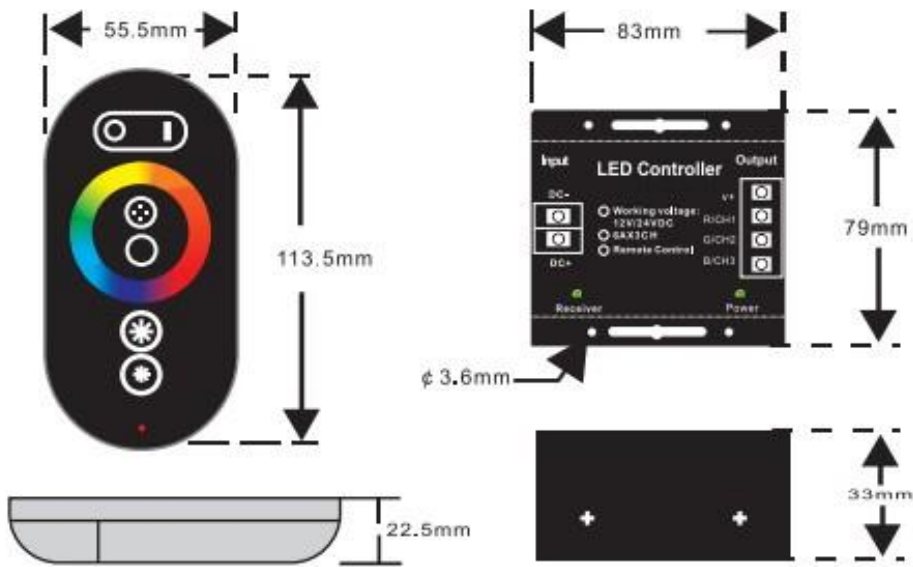
Remote control Function:

Button	Function
	Turn Off / Turn On
	in static model,brightness-,Reduce output luminance；in Dynamic mode, speed -, slow down the rate of change.

Tips: Remote will go into sleep after 20 seconds without touching.

Modes below:

NO.	Model	Remarks	NO.	Model	Remarks
		Brightness adjustable	10	Three Color fade	Speed, brightness are adjustable
	Static green			Three color flow	
	Static blue		12	seven Color fade	
	Static yellow			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	Speed, brightness are adjustable		Seven color blasting flash	
9	Seven color jump			Automatic mode	

Installation:

DC+：Power supply input +（Voltage12v-24v）   DC-： Power supply input -

V+：   Load +   R/CH1：Load output Red channel

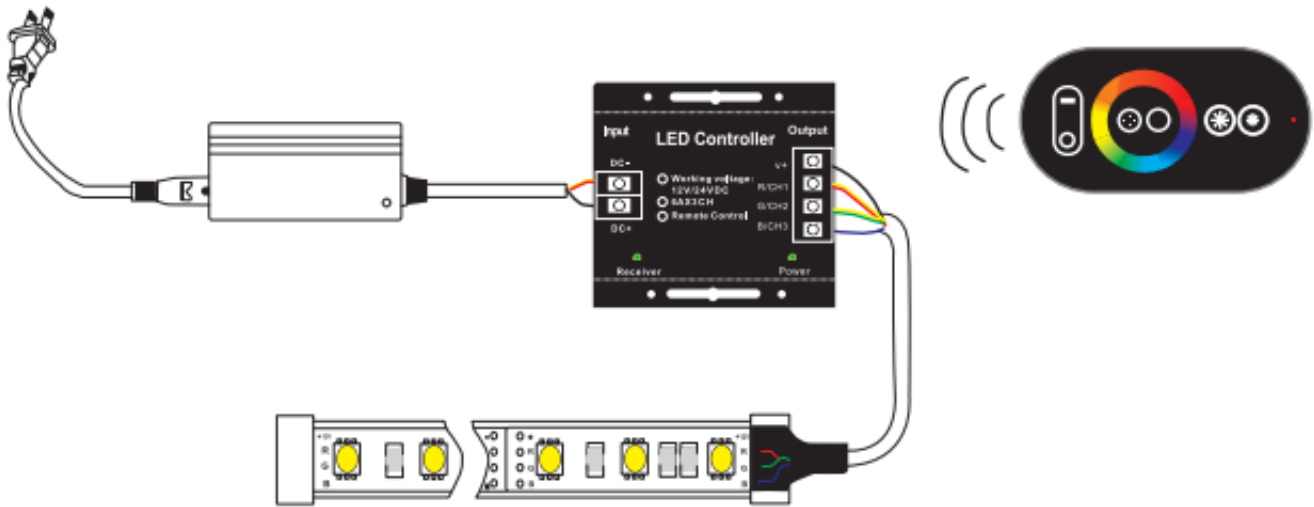G/CH2：Load output Green channel   B/CH3：   Load output Blue channel

Power indicator：The indicator will Keep light on when power on the controller,

Receiver indicator：The indicator will flash every time receiver got remote control signal. The indicator will keep flashing when it got short circuit.

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 2 years，But not including the damage by people and other reason caused by over load working.