

Name: Rf Touch Remote Single Color Controller



- Working temperature: -20°C~+60°C
- Supply Voltage: DC5V, 12V, 24V available (Please specify the voltage when place order)
- Output: 3 single color channels N-MOS Drain open output in parallel
- Connection mode: common anode
- controller dimension: L83×W79×H33 mm
- Package size: L205×W134×H47mm
- Net Weight: 227g
- Gross Weight: 379g
- Static power consumption: <1W

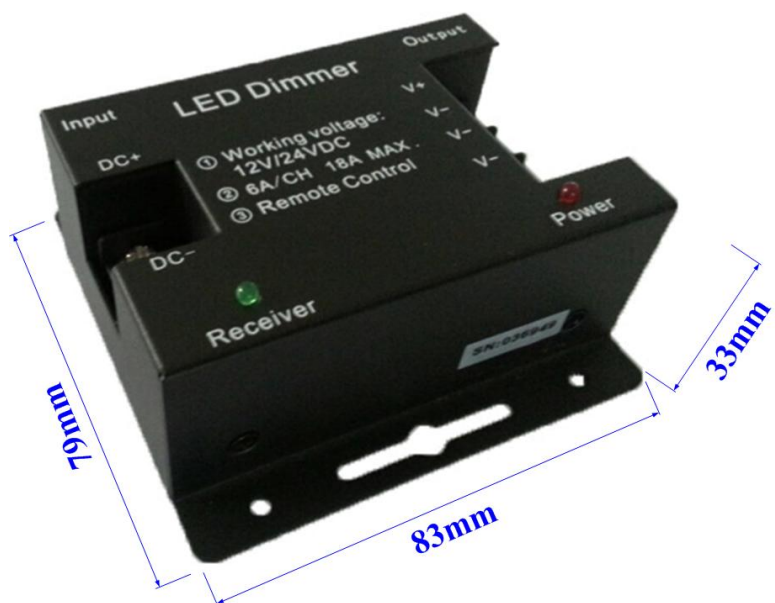
- Output current: <18A(each channel)
- Output power: 5V:<90W, 12V:<216W, 24V:<432W

Romoter

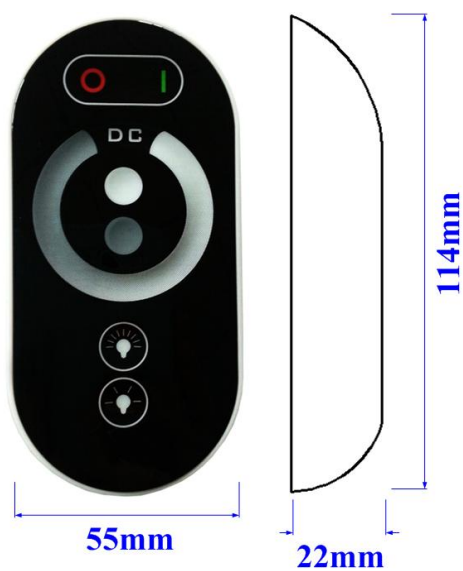
- Working temperature: $-30^{\circ}\text{C}\sim+60^{\circ}\text{C}$
- Power supply mode: 3pcs NO.7 Battery
- Supply voltage: 3V
- Static power consumption: $<0.09\text{mW}$
- Remote-controlled distance: $>20\text{M}$

External dimension:

(Controller)



(Remoter)



Connection

Instruction:



DC+: For power input + (power supply voltage DC12v-24v)

DC-: For power input -

V+: For Load Common anode

V-: Output cathode, three channel in parallel

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

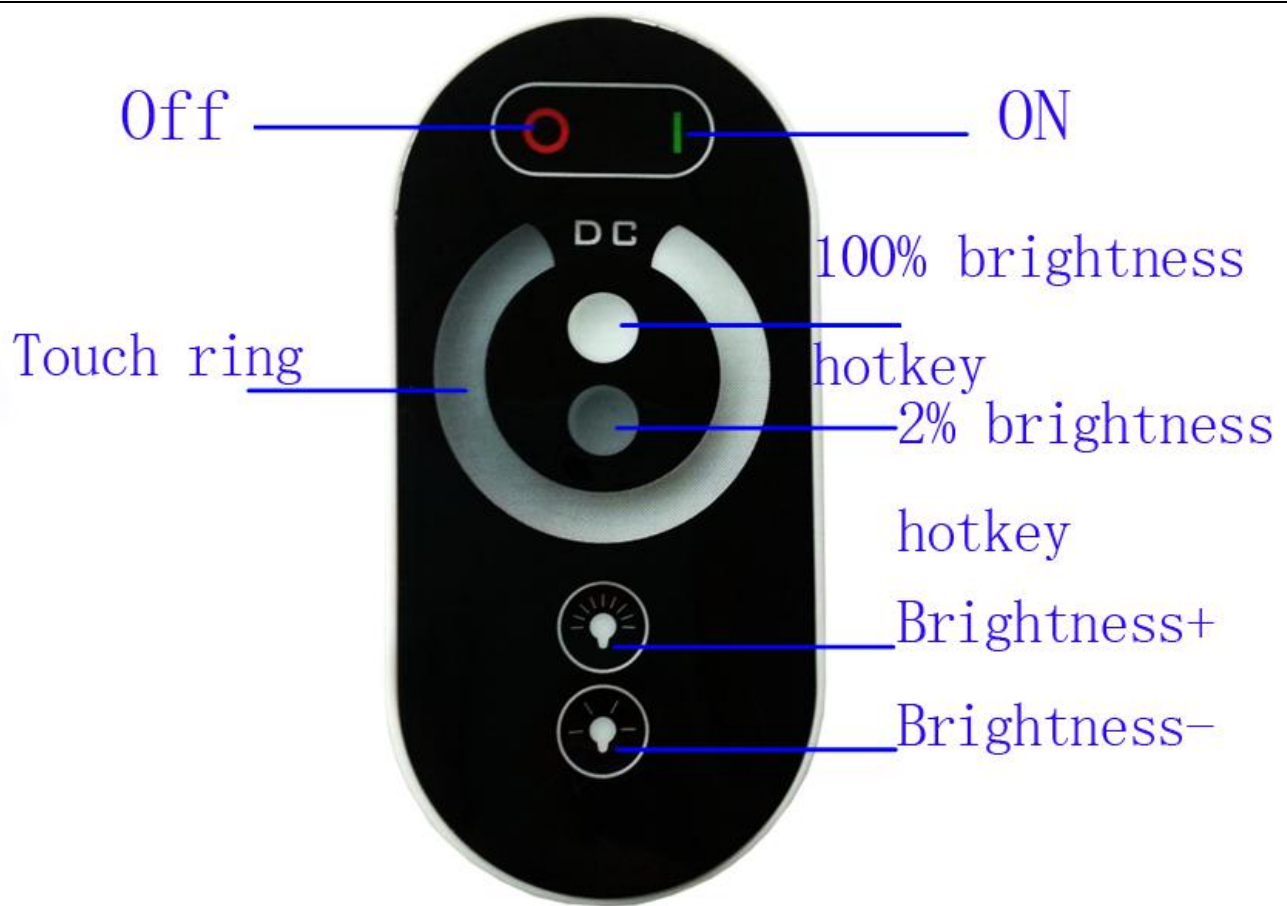
Receiver: Green indicating light, normally it will be in the state of OFF, it will be twinkle






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.

main characteristic:

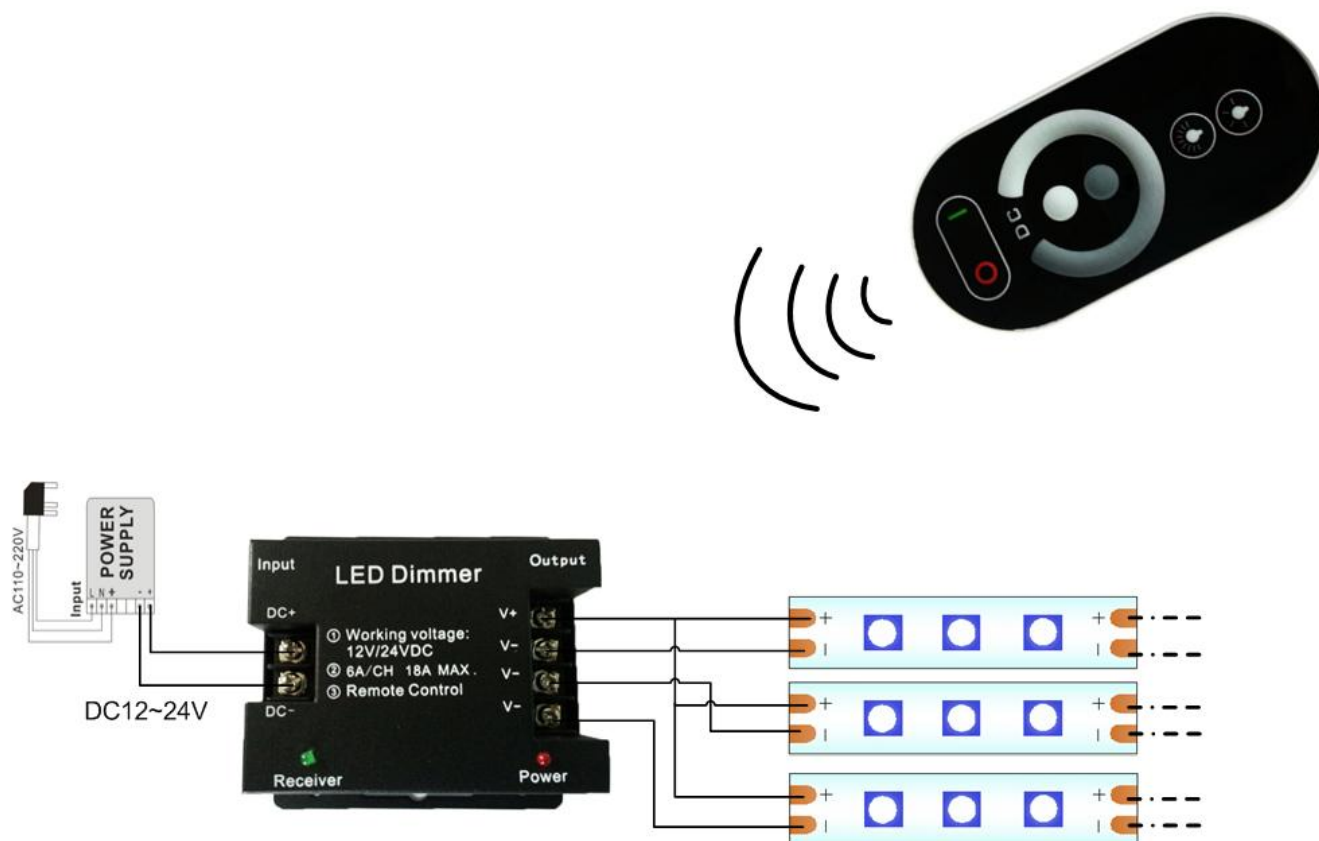
- ① Novel, fashionable, unique, noble appearance, High sensitivity with good feeling.
- ② The touching ring is sensitive, the color brightness is Very intuitive appear in the touch ring, user can choose the color brightness they prefer easily. Beside, this remote can be touch single point or to touch continually to realize choosing the color temperature.
- ③ Low power consumption, long lifespan, can be touch infinite times, overcome the shortcomings of traditional key short lifespan.
- ④ With auto Resting function, it will be turn into Resting state after 20 seconds with touching the remote control, this function can Realize saving electricity and prolong the battery lifespan.
- ⑤ With short circuit automatic detection and protection function, it will automatically shut down output when short-circuit occurred, and lights flashing. Automatic recovery after 10 s output, or the user can re-install the electricity to recover the output.
- ⑥ Stable remote, long remote distance.

Remoter 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 key are 100% brightness hotkey, touch it gently, the brightness will reach at 100% brightness output.
	The above key are 2% brightness hotkey, touch it gently, the brightness will reach at 2% brightness output.
	Touching ring is as the chart on right shows, , Touch the are outside of this circle is the dead space, without button function; To slide the touching ring by clockwise ,the light will be become darker; To slide the touching ring by Counterclockwise the Cold light become brighter
	Brightness+ key, Increase output luminance.
	Brightness- key, Reduce output luminance.

Typical Applications:



Caution

- 1、 Supply voltage of this product is DC12V~24V, never connect to others or AC220V.
- 2、 Lead wire should be connected correctly according to grade that connecting diagram offers.;
- 3、 This product can not be overloaded.