

# Product Specification

Name: Full-color Touch Controller

Model: SE-RF800



## Summarization

Full-color touch controller is a high-end touch controller which adopts latest capacitive trigger and wireless technology. The controller has features such as large current, low power consumption; remote control adopts high precision capacitance touch control chip, has color ring and buttons function, increases the touch sensitivity, reduces trigger which caused by mistake. You can use remote control to switch the modes of RGB strips, and also can change the brightness and speed. It has advantages such as far control distance, high touch sensitivity, strong driving ability, stable performance. The product can control a variety of lamp whose source of light is LED. For instance, point source of light, flexible light strip, panel light etc.

## Dati Tecnici Controller

Voltaggio: DC12-24V

Corrente: ≤ 8A/CH

Modo di connessione: anodo comune

Consumo statico : <1W

Potenza in uscita : DC12V: <288W, DC24V: <576W

Frequenza in uscita : 900Hz

## Dati tecnici telecomando

Temperatura operativa: -20°~60°C

Alimentazione : 3 pile AAA 1.5 V

Consumo in Standby: 0,025 mW

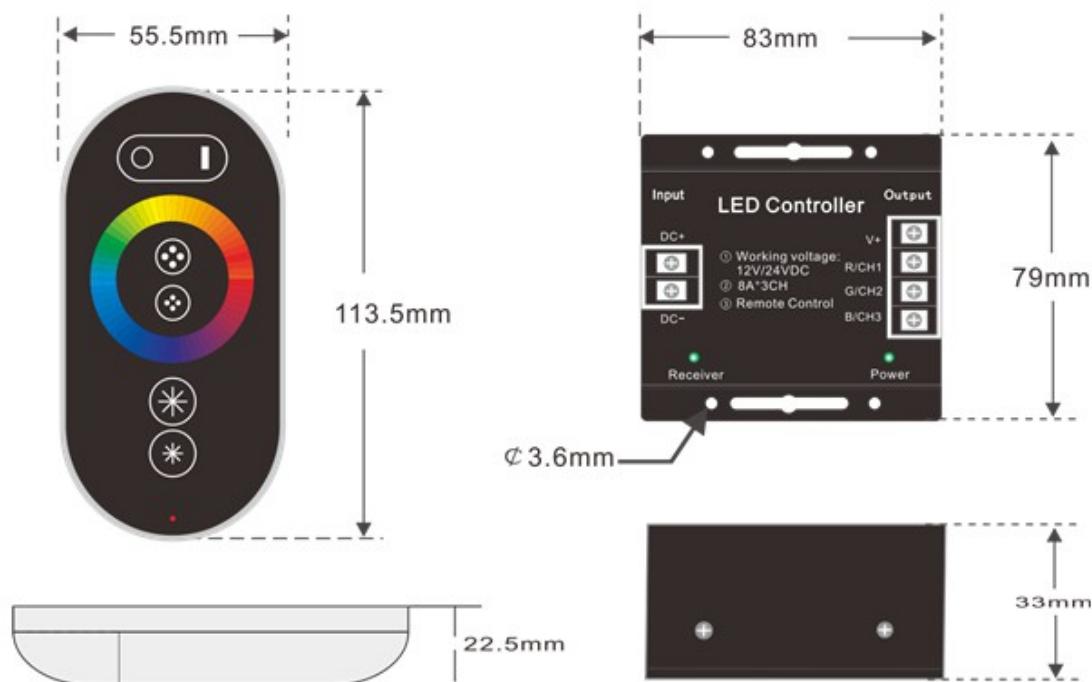
Corrente statica: 85 µA

Corrente operaiva: 200 µA

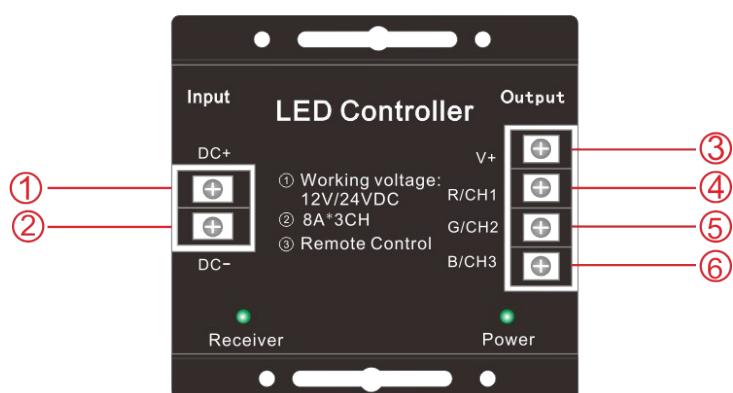
Distanza di controllo: >20 m

Tempo di Standby : >6 mesi

## External Dimension (mm)



## Specifiche interfaccia



“ “ : Interfaccia alimentazione in ingresso “ “ “ “ “ “ : interfaccia alimentazione in uscita ,  
“ “ elettrodo psitivo, “ “ “ “ canali di uscita.

### **Funzioni del telecomando e del controller:**



: ON/OFF , per accendere e spegnere la striscia Led.



: tasto Avanti/dietro per scorrere tra le 18 funzioni



: Anello colorato touch , per scelta colore immediata.



: tasto di aumento/diminuzione :in modalità statica controlla la luminosità del colore (25 livelli totali) in modalità dinamica controlla le velocità ( 100 livelli totali)

The standard change functions is shown as below table:

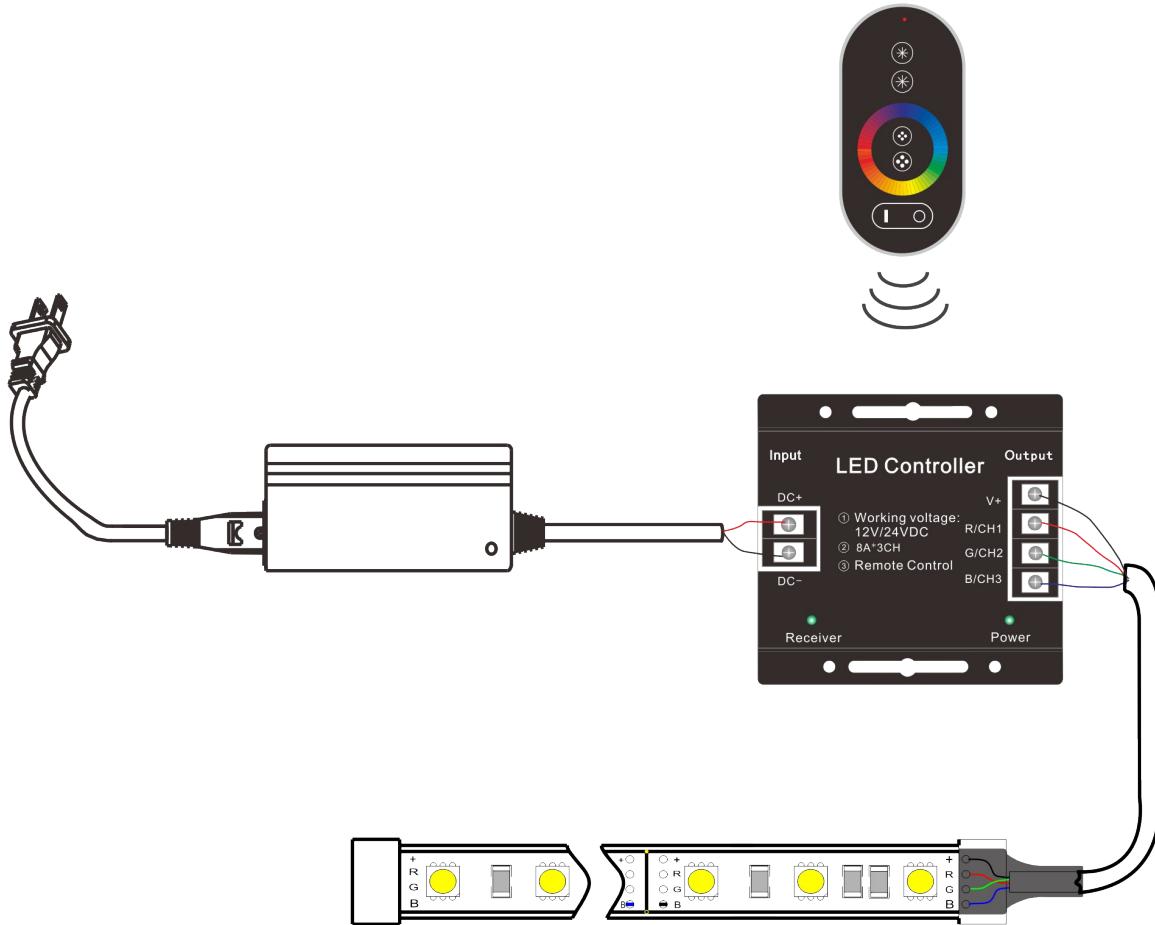
No	Mode	No	Mode
1	Static red	10	Three-color gradual changing
2	Static green	11	Three-color crossfade
3	Static blue	12	Seven-color gradual changing
4	Static purple	13	Seven-color crossfade
5	Static yellow	14	Three-color flash
6	Static cyan	15	Seven-color flash
7	Static white	16	Three-color quick flash
8	Three-color jumpy changing	17	Seven-color quick flash
9	Seven-color jumpy changing	18	Autoplay

Specification for matching code of wireless remote control and controller:

When power on, close to the controller, at the same time press the ON/OFF key of remote control, long press this key in 3s to match code. The load light will flicker after matching code success.

**NB: ad alimentazione collegata, avvicinare il telecomando al controller e tenere premuto per 3 secondi il tasto ON/OFF**

## Typical application



## Remarks

1. 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.**
2. Power supply voltage range is DC12-24V, more than voltage range maybe burn out the controller.
3. Stop to use for more than 30s, the remote control will enter the standby state, then the color ring will fail, The next time use, just click the button on remote control, then remote control will be reawakened.