High Voltage LED Controller User manual (RF touch controller)

& Summary:

The procuct is a smart LED controller using wireless RF touch remote control color and brightness variations of the high-pressure lamps.the choice of color,pattern and pace of change can be carried out by using the remote control RGB lamps;while dimming,power-down memory function.the appearance of fine products,easy to use and can meet the application requirements of a variety of high-pressure light bar.

& Technical parameters:

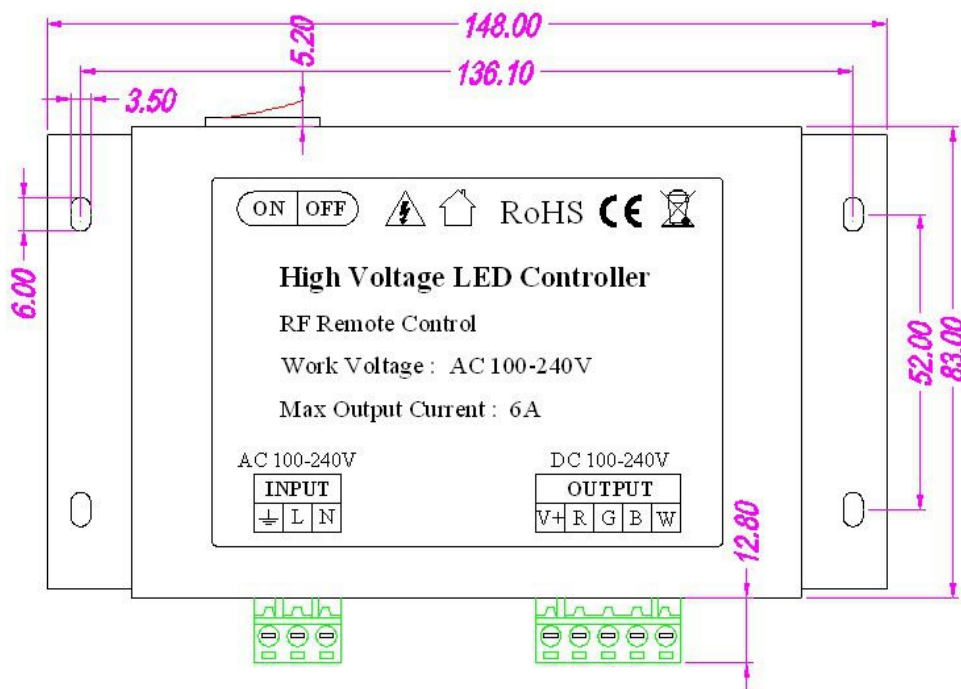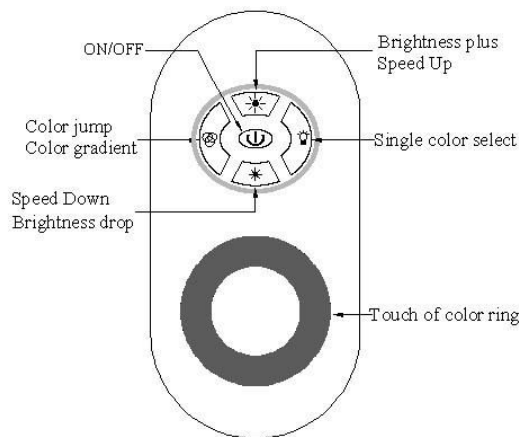| Controller	
Output channels(Optional)	R G B　3Channels
Supply voltage	AC 100-240V
Loadable current	6A
Output power	660W(AC110V)~1320W(AC220V)
Control method	RF touch remote control
Connection mode	Common anode
Changing pattern	11 (7 static color modes，4 dynamic changing pattern)
Dimmering mothod	PWM
Grey steps	8
Protection	The power input polarity protection
Product size	L148×W83×H35
Remote	
Working voltage	DC 4.5V
Remote control way	RF 433.92Hz
Controlable distance	More than 20 meter
Battery types	Alkaline batteries,3pcs
Key Number	5 Keys,1Touch of coler ring
Product size	L114×W56×H22
Whole machine	
Working temperature	-20~60 ℃
Ldentification	RoHS
Weight	420g
Packing size	L168×W160×H42mm

& Features:

1.The newest PWM control technology,delicate light performance,no flicker.
2.More than 20 meters RF touch remote control distance.
3.Color mode changes and more flexible control.
4.Multi-type menory functions for color,modes,speed,and brightness.
5.Smart appearance,standard in put and output port,easy installation and high cost performance.

& Applications:

1. Construction decoration:commercial buildings,airports or subways.
2. Indoor decoration:hotels,shopping malls,squares,restaurants,bars,houses.
3. Outdoor decoration:advertising boards,parks,bridges,roads and overpasses,scenic spots.
4. Others:decorating for motor vehicles,samples reveal ark and the places needing RGB lights.

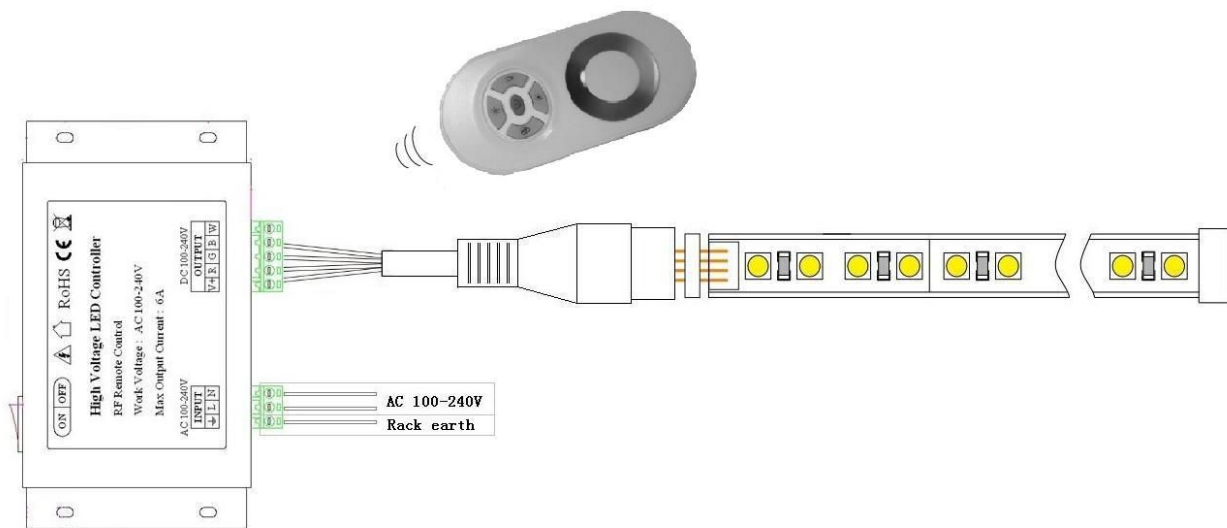## & Panel and interface specifications and Product dimensions:

RF WIRELESS REMOTE SPECIFICATIONS

& Modes table:

💡	Mode	⊛	Mode
1	Static red	1	3 base color jumpy changing
2	Static green	2	7 base color jumpy changing
3	Static blue	3	3 base color fade change
4	Static yellow	4	7 base color fade change
5	Static cyan		
6	Static purple		
7	Static RGB		

& The wiring and the typical product apply diagram:

& Installing caution:

1.Please install the products by professional electrician.

2.This product can not waterproof,please put into water-proof tank if the clients want to use it outdoor.

3.Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.

4.Please don't install this controller in lightening,intense magnetic and high voltage fields.

5.Check if the voltage and power adapter suit the controller and LED lights.

6.Please make sure the wires can sufficiently load the LED lights for avoiding accident.

7.Please make sure all the wires are connected correctly before switching on the power.