

# 120V RGB Controller

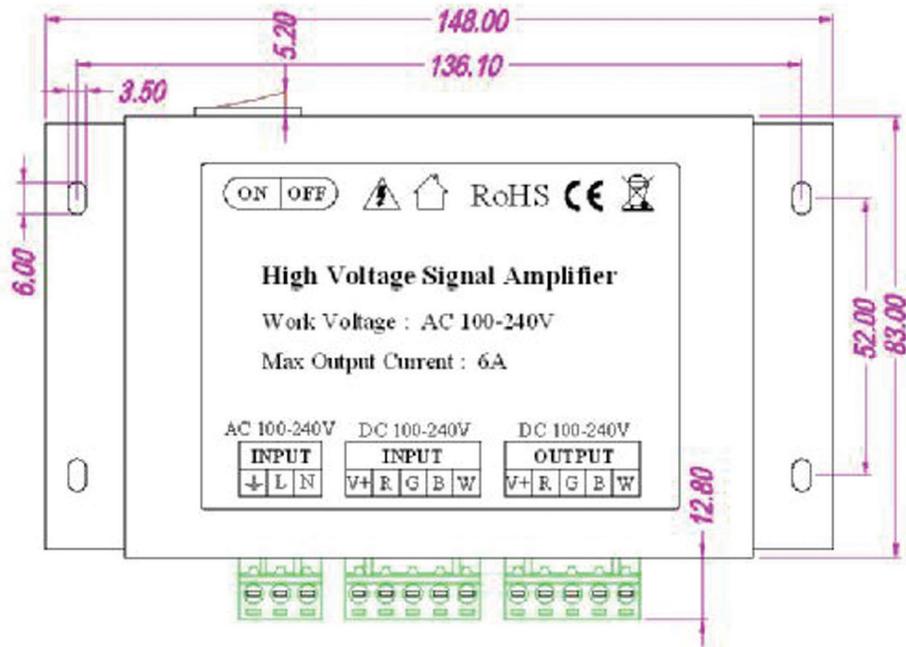
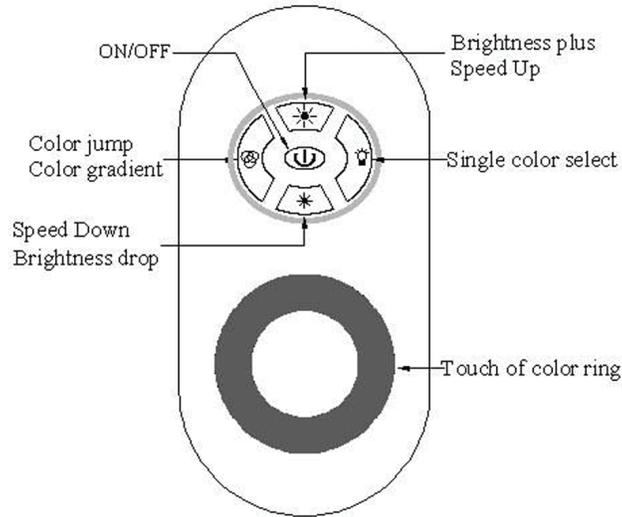


120V RGB Signal amplifier to boost the signal from the RGB controller to additional RGB LED lighting products.

## Technical Parameters

<b>Controller</b>	
Output channels	R G B 3Channels
Input voltage	AC 100-240V
Loadable current	6A
Output power	660W(AC110V)
Control method	RF touch remote control
Connection mode	Common anode
Changing pattern	11 (7 static colour modes, 4 dynamic changing pattern)
Dimming	PWM
Grey steps	8
Protection	The power input polarity protection
Product size	L148×W83×H35
<b>Remote</b>	
Working voltage	DC 4.5V
Remote control frequency	RF 433.92Hz
Controlable distance	More than 20 meter
Battery types	Alkaline batteries,3pcs
Key Number	5 Keys,1Touch of colour ring
Product size	L114×W56×H22
<b>Entire System</b>	
Working temperature	-20~60°C
Certification	RoHS
Weight	420g
Packing size	L168×W160×H42mm

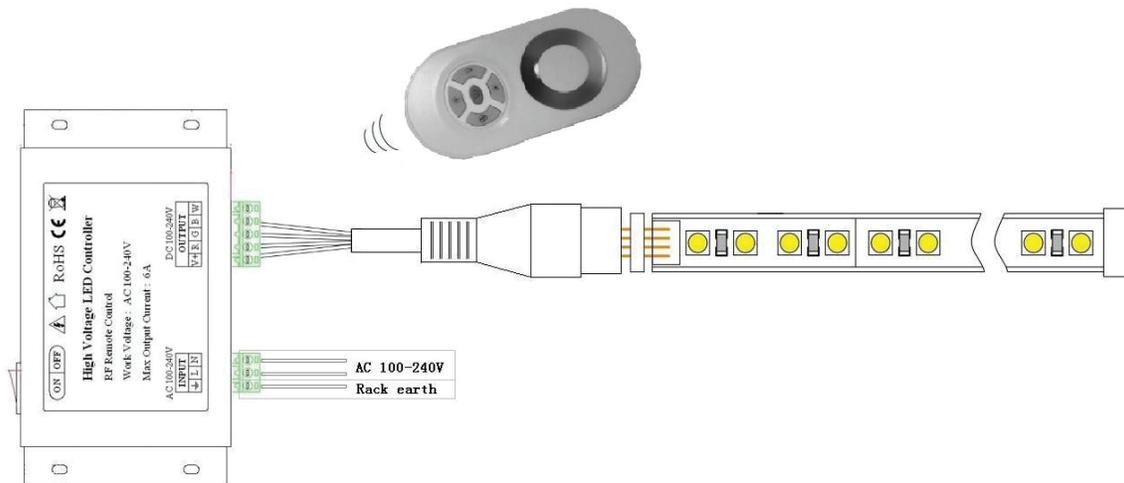
## RF WIRELESS REMOTE SPECIFICATIONS



## Modes

	Static mode		Dynamic mode
1	Static red	1	3 base colour jump change
2	Static green	2	7 base colour jump change
3	Static blue	3	3 base colour fade change
4	Static yellow	4	7 base colour fade change
5	Static cyan		
6	Static purple		
7	Static RGB		

## Typical wiring diagram:



**Warning:** Turn power OFF from electrical panel before installation or maintenance.

### INSTALLATION:

1. Before bringing 120V AC power to the fixture, make sure incoming wire is not “hot” and all power coming to the wire is off.
2. First connect the output of the controller to the RGB product, then connect the 120V power to the input of the controller (L,N,Ground).

**CAUTION!** All connections must be made in accordance with this instructions manual, current NEC / CEC and all local building codes. Min 90C supply conductors.

**CAUTION!** Only qualified electricians should bring 120V AC power to the fixture. Wiring may require an inspection by the local building department. Check with your local building department before installation.