

## RGB CONTROLLER

|                  |                   |
|------------------|-------------------|
| Voltage          | <b>12-24 V DC</b> |
| Loadable current | <b>6A x 3 Ch</b>  |
| Output channels  | <b>3 Ch</b>       |
| Control method   | <b>RF</b>         |
| Dimming method   | <b>PWM</b>        |
| Working voltage  | <b>4,5 V DC</b>   |
| Warranty         | <b>2 years</b>    |



| Model        | Output Power              | Controlable Distance | Key Number                  |
|--------------|---------------------------|----------------------|-----------------------------|
| <b>RFRGB</b> | 216 W (12V) - 432 W (24V) | more than 20 mt      | 6 touch keys, 1 touch wheel |

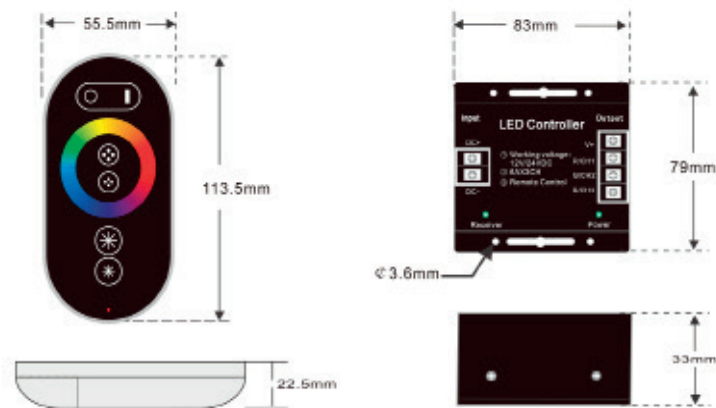
### SAFETY INFORMATION

- Please install the product by professional electrician
- This product is not waterproof
- Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature
- Please don't install this controller in lightening, intense magnetic and high voltage fields
- Check if the voltage and power adapter suit the controller and Led lights
- Please make sure the wires can sufficiently load the LED lights for avoiding accident
- Please make sure all the wires are connected correctly before switching on the power
- Please do not repair or maintain privately. Any query, please contact the supplier

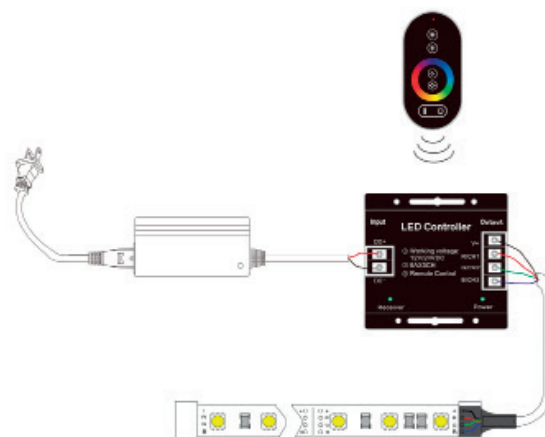
## FEATURES

1. Capacitance and wireless touch technology
2. Auto adaptation of 12-24 DC working voltage; input polarity protection function
3. The newest PWM control technology, no flicker
4. High power dimmer control MOS tube with stable e reliable performance, strong power-drive ability with max 18A of 3 channels
5. Wireless RF control

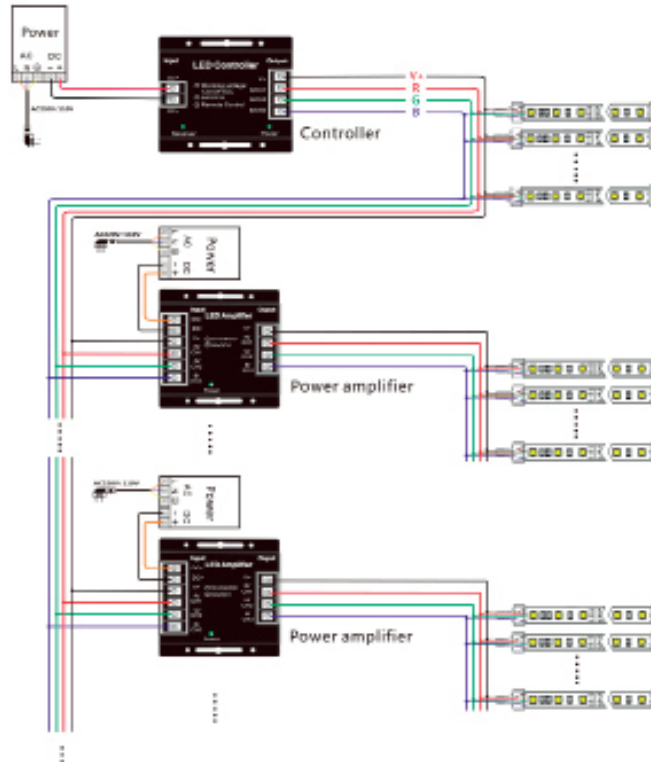
## DIMENSION



## HOW TO CONNECT










## POWER AMPLIFIER FIGURE



## MODE TABLE

| No. | Mode          | Remark                      | No. | Mode               | Remark                      |
|-----|---------------|-----------------------------|-----|--------------------|-----------------------------|
| 1   | Static red    | Brightness adjustable       | 10  | 3 color gradient   | Brightness/speed adjustable |
| 2   | Static green  |                             | 11  | 3 color smooth     |                             |
| 3   | Static blue   |                             | 12  | 7 color gradient   |                             |
| 4   | Static yellow |                             | 13  | 7 color smooth     |                             |
| 5   | Static purple |                             | 14  | 3 color flicker    |                             |
| 6   | Static cyan   |                             | 15  | 7 color flicker    |                             |
| 7   | Static white  |                             | 16  | 3 color flash      |                             |
| 8   | 3 color jump  | Brightness/speed adjustable | 17  | 7 color flash      |                             |
| 9   | 7 color jump  |                             | 18  | Automatically play |                             |

## PANEL AND INTERFACE SPECIFICATIONS

|   |  |
|---|--|
|    | Turn off/on the LED light in any state.  |
|    | Touch for selecting 18 change modes before and after.  |
|    | Touch the color on the wheel to get what you want.   |
|    | Static modes for Brightness increasing or decreasing.<br>Dynamic modes for speed accelerating or decelerating. |
|    | Voltage of power input port : 12/24VDC.  |
|   | Power output port for connecting LED lights.   |
|  | Indicative light to show the power and signal receiver state.  |