

## **RF High Voltage RGB Controller FS-RA60H1-0403**

### ***Introduction***

High Voltage LED Controller Series is universal RGB integrate controller, adopt most advanced PWM digital adjusting technology; touch function and press type button, elegant appearance; capable of controlling all four cabled three channels 110V-220V high voltage LED RGB function and press type button, elegant appearance; capable of controlling all four cabled three channels 110V-220V high voltage LED RGB power converting, all power can change to the brightness of LEDs, it is the most energy saving and effective design.

### ***Feature***

- ◆ Apply for LED Lighting with AC110V-220V working voltage for any frequency automatically.
- ◆ With conversion modes, with static and dynamic modes etc.
- ◆ With 64 speed class can be choice for dynamic module.
- ◆ With most energy-saving design.
- ◆ Apply for universal RGB lighting with working voltage 110V-220V directly.
- ◆ Different remote can be chosen (4 keys, 16 keys)
- ◆ No need power supply or adaptor, can use with high voltage directly.
- ◆ Remote controlled distance: 50m with obstacle; 100m without obstacle.

### ***Electrical Specification***

- ◆ Working Voltage AC110~230V;
- ◆ Output Voltage: DC110~230V
- ◆ Working temperature: -20-60 °C
- ◆ Output: 3 channels
- ◆ Connecting mode: Common anode
- ◆ Transmission/Receiving frequency: 433 MHz
- ◆ Static power consumption: <1W
- ◆ Max output current: 2.5A
- ◆ Max output power: 550W (@230V)
- ◆ External dimension: L116\*W53\*H27 mm
- ◆ Packing dimension: L137\*W98\*H46mm
- ◆ Max. Length for Strip: 50m (@ 60LED/m)
- ◆ Net weight: 220g
- ◆ Gross weight: 252g

### **Dimension (unit:mm)**

**Operation Instruction**

1. Connect the load wires at first, following by the power wires; Please ensure that short circuit cannot occur between connecting wires before you turn on the power
2. Adopt RF control method, function of each button as below:

Items	Function
A	Patterns select, totally 11 modes
B	Speed adjust button: press the button one time, the speed will increase a level, totally 16 levels, speed will be fast changing when long press.
C	Speed adjust button: press the button one time, the speed will reduce a level, totally 16 levels, speed will be fast changing when long press.
D	ON/OFF key

3. Standard color changes pattern as below:

Item	Mode	Remark
1	Static red	---
2	Static green	---
3	Static yellow	---
4	Static blue	---
5	Static purple	---
6	Static cyan	---
7	Static white	---
8	Three-color jumpy change	B,C key(speed is valid)
9	Seven-color jumpy change	B,C key(speed is valid)
10	Three-color gradual change	B,C key(speed is valid)
11	Seven-color gradual change	B,C key(speed is valid)

## Connecting Diagram

