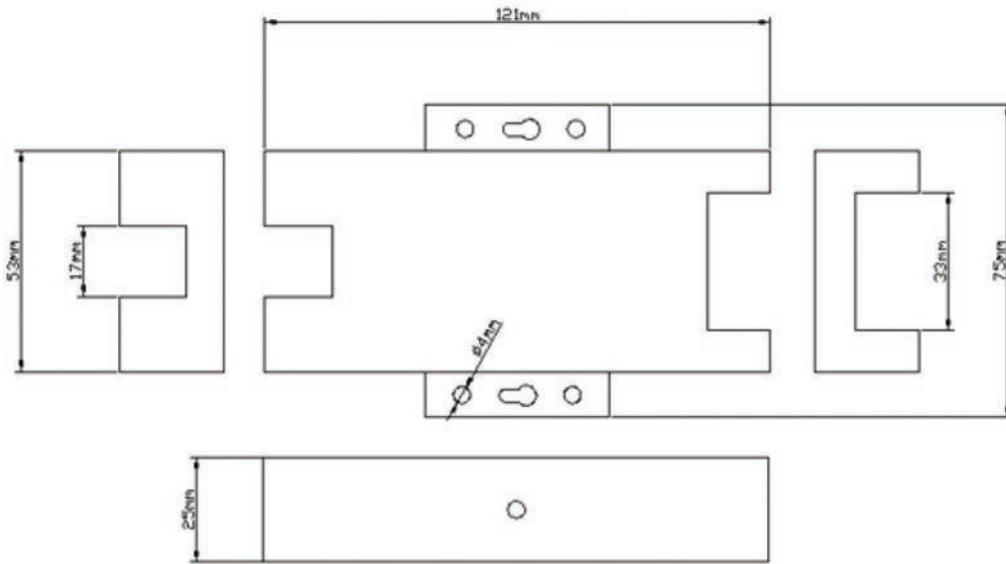# OPERATING INSTRUCTIONS FOR LED-RGB36-CRP

SUMMARIZATION

The RF 8-Key controller adopts the advanced micro-control unit. It is used for controlling a variety of lamps whose source of light is LED. For instance, point source of light, flexible strip light, wall-washer lamp, glass curtain wall light and so on. It has a power-fail memory, synchronized indicator light show, and other functions. At the same time it has many advantages such as low price, easy connection, and simplicity to use. According to the actual need of customers, it can carry out jumpy changing, gradual changing, stroboflash, and other effects of change.

TECHNICAL PARAMETERS

- Working Temperature: -20-60°C
- Supply Voltage: DC5V, 12V, 18V, 24V (optional) [Order goods need marking out the required voltage]
- Output: 3 channels
- Connecting Mode: Common anode
- External Dimension: L 121 x W 53 x H 25mm
- Packing Size: L 150 x W 76 x H 51mm
- Net Weight: 255g
- Gross Weight: 285g
- Static Power Consumption: < 1W
- Output Current: < 4A (each channel)
- Output Power: 5V: < 60W | 12V: < 144W | 24V: < 288W

External Dimension

Interface Specifications

Power Input Interface:

Adopt two sheath wires as connecting wires.

Brown Wire to +
Blue Wire to -

Load Output Interface:

Adopt four sheath wires as connecting wires.

Black Wire to +	**Yellow Wire to G**
Brown Wire to R	**Blue Wire to B**

Directions For Use

1. Connect the load wire first, followed by the power wire. TO ENSURE THAT A SHORT CIRCUIT CAN NOT OCCUR CONNECT THE WIRES BEFORE YOU TURN ON THE POWER.
2. Adopt film button and RF for controlling. There are 8 buttons in total. The function of each key as follows:

   - 1: Turn the controller ON/OFF.
   - 2: Play/Pause Button. Can be used to see the static effect of LED.
   - **S+** 3: Increases the speed by 1 increment with each press.
   - **S-** 4: Decreases the speed by 1 increment with each press.
   - **B+** 5: Increases the brightness by 1 increment with each press.
   - **B-** 6: Decreases the brightness by 1 increment with each press.
   - **M+** 7: Increases the pattern number by 1 with each press. (Refer to the chart on page 3)
   - **M-** 8: Decreases the pattern number by 1 with each press.

3. Pre-loaded patterns function as follows:

No.	Patterns	Remarks	No.	Patterns	Remarks
1	Static Red	Brightness is adjustable. Speed is not adjustable.	14	Blue Stroboflash	Brightness and speed can be adjusted.
2	Static Green		15	Purple Stroboflash	
3	Static Blue		16	Green Stroboflash	
4	Static Yellow		17	Yellow Stroboflash	
5	Static Purple		18	Cyan Stroboflash	
6	Static Cyan		19	White Stroboflash	
7	Static White		20	R/B Crossfade	Speed is adjustable. Brightness is not adjustable.
8	Three Color Jumpy Changing	Brightness and speed can be adjusted.	21	B/G Crossfade	
9	Seven Color Jumpy Changing		22	G/R Crossfade	
10	Three Color Gradual Changing	Speed is adjustable. Brightness is not adjustable.	23	Fade in/Fade Out	
11	Seven Color Gradual Changing		24	Random Flashing	
12	Three Color Running	Brightness and speed can be adjusted.	25	Auto	1~24
13	Red Stroboflash				

Typical Application

8-key controller