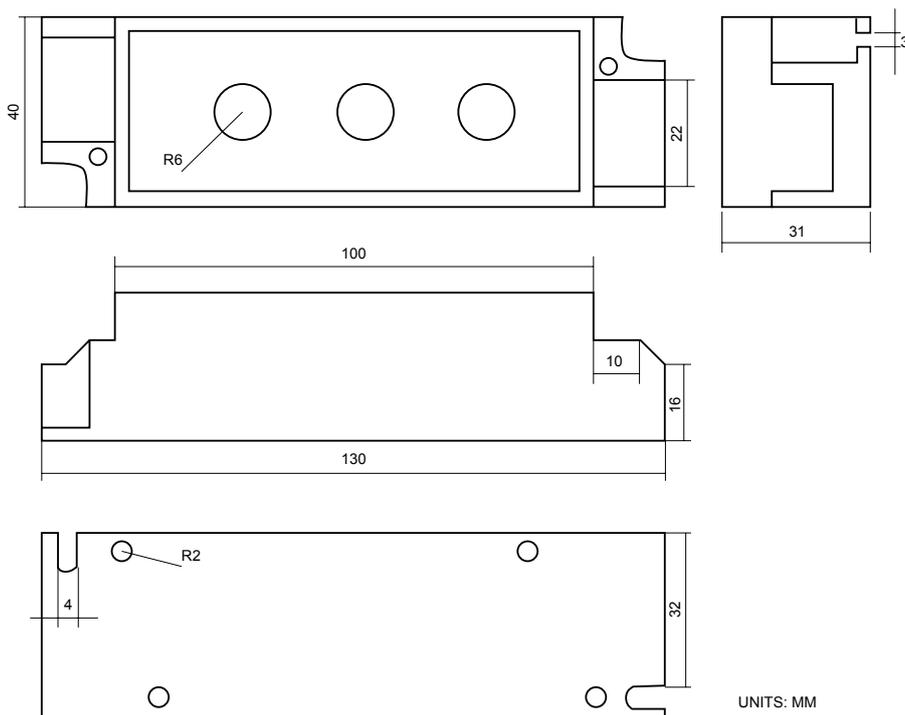# EP-RGB-RC-PANEL
RF REMOTE

Product Introduction

Panel controller controller adopts the advanced micro-control unit,it is used for controlling a variety of lamp 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 t has many advantages such as 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.
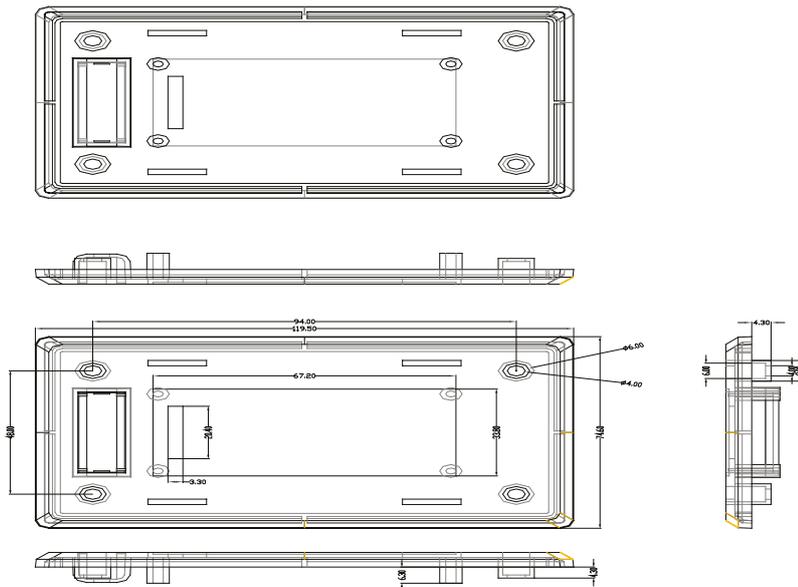
Specification

Working temperature:	-20-60 Deg
Supply voltage:	DC5V, 12V ,18V, 24V < optional > (supply voltage should be marked on order)
Output:	3 channels
Connection mode:	common anode
External dimension:	L120 x W75 x H31 mm
Packing size:	L145 x W95 x H50 mm
Net weight:	185g
Gross weight:	245g
Static power:	<1W
Output current:	<3A(each channel)
Output power:	5V<45W, 12V<108W, 24V<216W

External Dimension

UNITS: MM
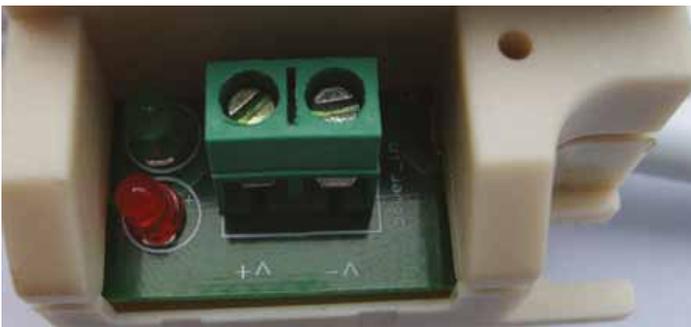
Panel Dimension

Interface Specifications

Adopt male and female connector with screw.

Load output interface:

Adopt male and female connector with screw.

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Direction for Use

1. Connect the load wire at first, following by the power wire; Please ensure short circuit can not occur between connecting wire before you turn on the power;

2. There are six keys on the remote controller panel, the funtion of each key as follows:

    ON/OFF: you could turn on/off controller at any time;

    MODE: the color change button,there are 21 modes of change for you to choose;

    B+: A brightness control button,the step of the brightness add 1 by each pressing,a total of 256 steps;

    B-: The step of the brightness subtract 1 by each pressing;

    S+: The step of the speed change add 1 by each pressing,a total of 100 steps.

    S-: The step of the speed change subtract 1 by each pressing.

3. There are eight keys on wall mounting panel,the function of each key as follows:

    ON / OFF: switch button;

    PAUSE: can play or pause led changing, easy to observe the static effect of the led

    BRIGHT ▲ increase entire brightness, a total of 10 steps;

    BRIGHT ▼ increase entire brightness, a total of 10 steps;

    SPEED ▲ increase the rate of change, a total of 10 steps(its period is from 5S to IH)

    SPEED ▼ reduce the rate of change, a total of 10 steps;

    MODE ▲ select button, select up a total of 21 models;

    MODE ▼ select button, select down

4.   Standard changes funtion as the following form:

No	Patterns	Remarks	No	Patterns	Remarks
1	Static red	Brightness is adjustable,Speed is unadjustable.	12	Red stroboflash	Speed and Brightness are adjustable
2	Static blue		13	Blue stroboflash	
3	Static purple		14	Purple stroboflash	
4	Static green		15	Green stroboflash	
5	Static yellow		16	Yellow stroboflash	
6	Static cyan		17	Cycan stroboflash	
7	Static white		18	White stroboflash	
8	Three color jumpy changing	Speed and brightness are adjustable	19	R/B crossfade	Speed is adjustable, brightness is unadjustable
9	Seven color jumpy changing		20	B/G crossfade	
10	Three color gradual changing	Speed is adjustable,brightness is unadjustable	21	G/R crossfade	
11	Seven color gradual changing				

Typical Applications

power light   signal light

+

DC12V

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+   R   G   B