

Product Specifications

Name: 6-key infrared controller

Model: K-RGB-DC12



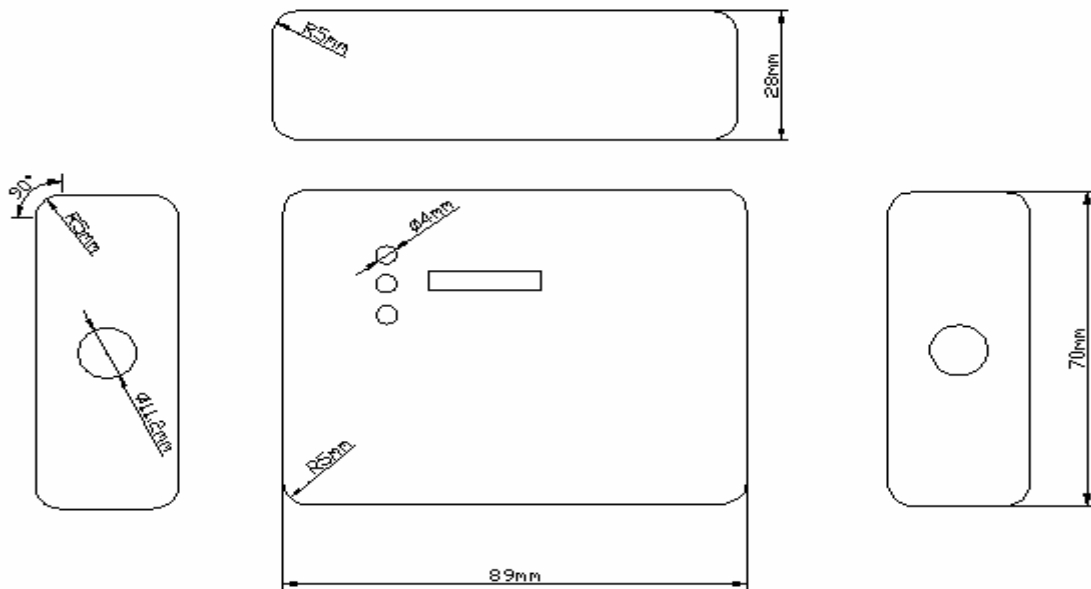
Summarization

6-key infrared 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 chatoyancy, wall washer lamp, glass curtain wall light and so on; It has 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, you could adjust brightness, static color choices and various dynamic changes in lighting effects through infrared remote control.

Technical Parameters

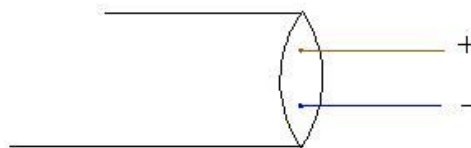
- Working temperature: -20-60 °C
- Supply voltage: 12V
- Output: 3 channels
- Connecting mode: common anode
- External dimension: L89xW70xH28 mm
- Packing size: L160xW95xH51 mm
- Net weight: 150g
- Gross weight: 185g
- Static power consumption: <1W
- Output current: <4A(each channel)
- Output power: 12V:<144W

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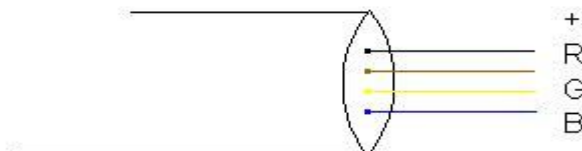
Interface Specifications

Power input interface:



Adopt two sheath wires as connecting wires, meanwhile, **brown wire** → + **blue wire** → -

Load output interface:



Adopt four sheath wires as connecting wires, meanwhile, **black wire** → + **brown wire** → R **yellow wire** → G **blue wire** → B

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. Adopt film button control, there are six buttons altogether, and every key-press function as follows:
 - on/off: In any state, you could turn on or turn off the output of controller;
 - mode: Pattern function key, you could choose the different changing mode;
 - brightness ▲: Brightness control of output signal, the brightness progression will add one when you press the button every time;
 - brightness ▼: The brightness progression will subtract one when you press the button every

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time;

speed ▲: The speed changing progression will add one when you press the button every time;

speed ▼: The speed changing progression will subtract one when you press the button every time.

3. Standard functional changes have been listed as follows:

Items	Patterns	Remarks	Items	Patterns	Remarks
1	Static red	Color is adjustable, Speed is unadjustable.	7	Static white	Color is adjustable, Speed is unadjustable.
2	Static blue		8	Three color jumpy changing	Color is adjustable, Speed is adjustable.
3	Static pink		9	Seven color jumpy changing	
4	Static green		10	Three color gradual changing	Speed is adjustable, Color is unadjustable.
5	Static yellow		11	Seven color gradual changing	
6	Static cyan				

Typical Applications

