Product Specifications

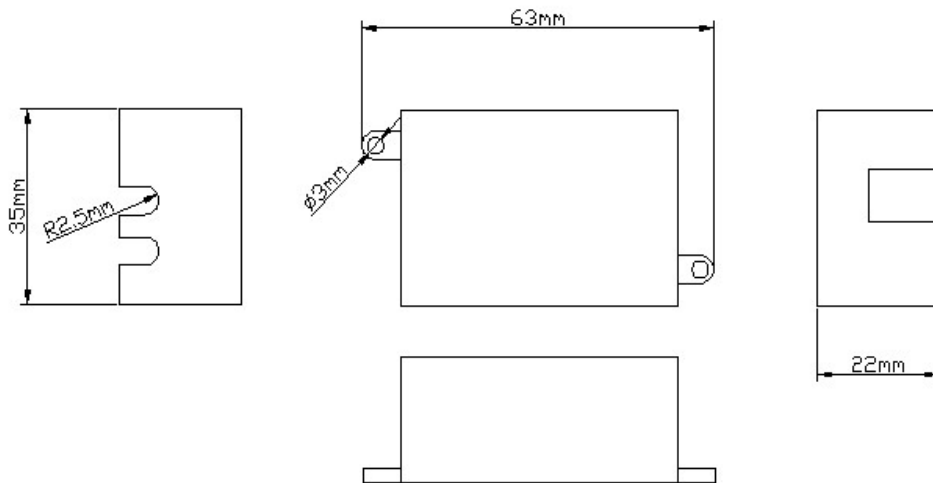**Name: 24-key Infrared Controller**
Model: IR240

Summarization

    24-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 light strip, wall washer lamp, glass curtain wall light and so on; it has many advantages such as low price, easy connection and simplicity to use. Meanwhile,you could adjust brightness, static color choices and various dynamic changes in lighting effects through infrared remote control. In addition this product has short circuit protection function to make sure the load working normally .

Technical Parameters

- Working temperature：-20-60 ℃
- Supply voltage: 5V ,12V-24V <optional >(for orders specify voltage)
- 0utput: 3 channels
- Connecting mode：common anode
- External dimension: L63xW35xH22 mm
- Packing size: L105xW65xH40mm
- Net weight:50g
- Gross weight: 70g
- Static power consumption: <1W
- Output current: <2A
- Output power: 5V:30W,12V:<72W,24V:<144W

External Dimension

Interface specification

| ITEM NAME	PICTURE	REMARK
Power input interface		dopt conventional power Transposon as a DC power input interface.
Infrared receiver interface		Infrared receiver
Load output interface		dopt oblate interface , and arrow is designate load output positive .

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； If it is not careful to happen load short circuit, the controller will be closed, you need to check the wire attachment and power on again .

2. When operating ,you will hold on the remote control in straight front of infrared receiver to ensure that there is no barrier between the remote control and receiving head;

The key-press functions are shown in the table below (in accordance with the key position order):

Brightness rise(a total of eight grading)	Brightness drop (a total of eight grading)	Close load output	Open load output
Static red	Static green	Static blue	Static white
Static orange	Static light green	Static deep blue	7-color jumpy changing
Static deep yellow	Static cyan	Static brown	the overall gradually changing
Static yellow	Static light blue	Static pink	7-color gradually changing
Static light yellow	Static pale blue	Static purple	Red, green, blue colour jumping changing

Line sequence setting instructions

Power on the controller， then press key, make the controller in output close state. And press the key, the controller will enter into the line sequence setting mode, the load lamp will loop jump according to the certain line sequence. At that time, you could choose the line sequence you want:press the key, the load lamp will jumpy changing circularly in the order of R, G, B, it shows the line sequence is RGB; press the key, the load lamp will jumpy changing circularly according to the line sequence of G, R, B,it shows selected line sequence is GRB;press the key,the load lamp will jumpy changing circularly by B, R, G order,it means the selected line sequence is BRG. After choosing the line sequence you need, press the key again, the load lamp will go out, that means the line sequence you select is successful, then press the , according to the operating instructions, check the change of the light when pressing the remote, so you can verify if your modified line sequence is correct.

Typical Applications

AC80~265V 50/60Hz

constant voltage power supply

DC12V

controller