Product Specifications

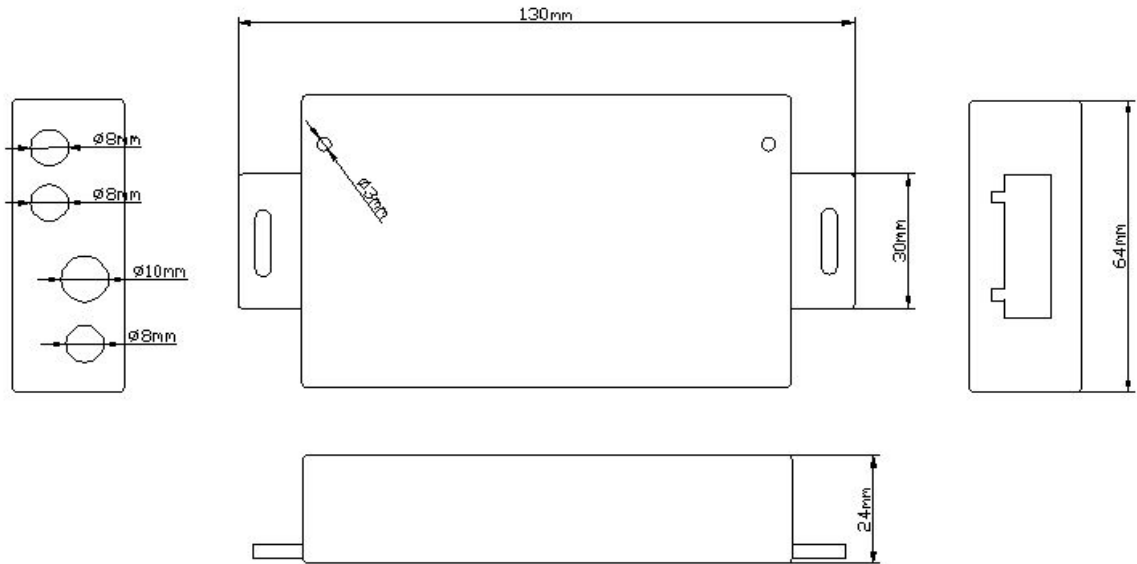## Summarization

RF Audio 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 light strip, wall washer lamp, glass curtain wall light and so on; at the same time, it has many advantages such as convenient to connect, simple to use and others. 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 ℃
- Supply voltage: DC5V, 12V-24V <optional> (for orders specify voltage)
- Output: 3 channels
- Connection mode: common anode
- Transmission/Receiving frequency: 433Mhz
- External dimension: L130 X W64 X H24 mm
- Packing size: L145 X W95 X H50 mm
- Net weight: 185g
- Gross weight: 220g
- Static power consumption: <1W
- Output current: <4A (each channel)
- Output power: 5V: <60W, 12V: <144W, 24V: <288W

External Dimension

Interface Specifications

Power input interface (the first way):

Adopt conventional DC power Transposon as power input interface, and equip with plug-DC.

Power input interface (the second way):

Adopt male and female connector with screw.

Signal input interface:

Adopt 3.5 earphone tie-in insert Audio.

Load output interface:

Adopt male and female connector with screw.

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 RF control, there are six buttons altogether, and the function of each key is as follows:

   ON/OFF: you can turn on/off load output at any state;

   MODE: mode selection key, you could choose different color changes, total 13 kinds of changes;

   B+: brightness control of the output signal, every time you press this button, the brightness series add 1, altogether 256 levels;

   B-: every time you press this button, the brightness series minus 1

   S+: every time you press this button, the speed series add 1, altogether 100 levels.

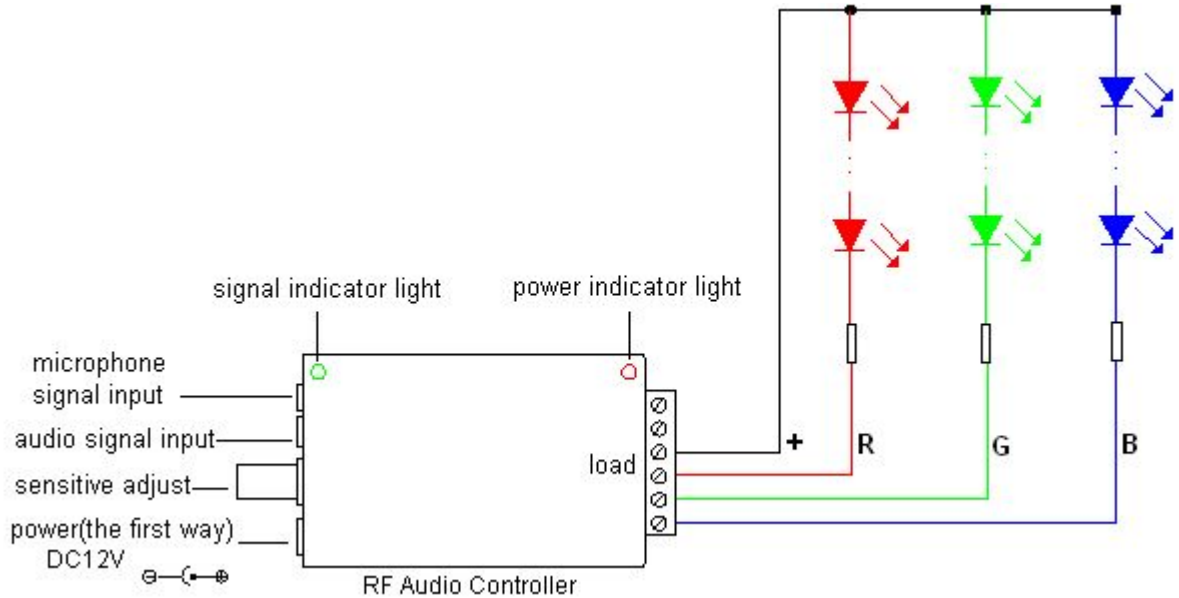   S-: every time you press this button, the speed series minus 1.

Note: When the external microphone input and audio signal input at the same time, system will process the audio signal.

3. Standard change funtions are as the following form:

No	Patterns	Remarks
1	Static red	Brightness is adjustable,Speed is unadjustable.
2	Static green	
3	Static yellow	
4	Static blue	
5	Static purple	
6	Static cyan	
7	Static white	
8	Three-color jumpy changing	Speed and brightness are adjustable
9	Seven-color jumpy changing	
10	Three-color gradual changing	Speed is adjustable
11	Seven-color gradual changing	
12	Three-color jumpy changing (extenal signal)	Speed changes with the voice swing, brighteness controlled with the volume,the higher volume is, the greater the brightness.
13	Seven-color jumpy changing (extenal signal)	

Typical Application

Application circuit 1:

Application circuit 2: