

# Product Specifications

**MODEL: BY-CON-RF8B**



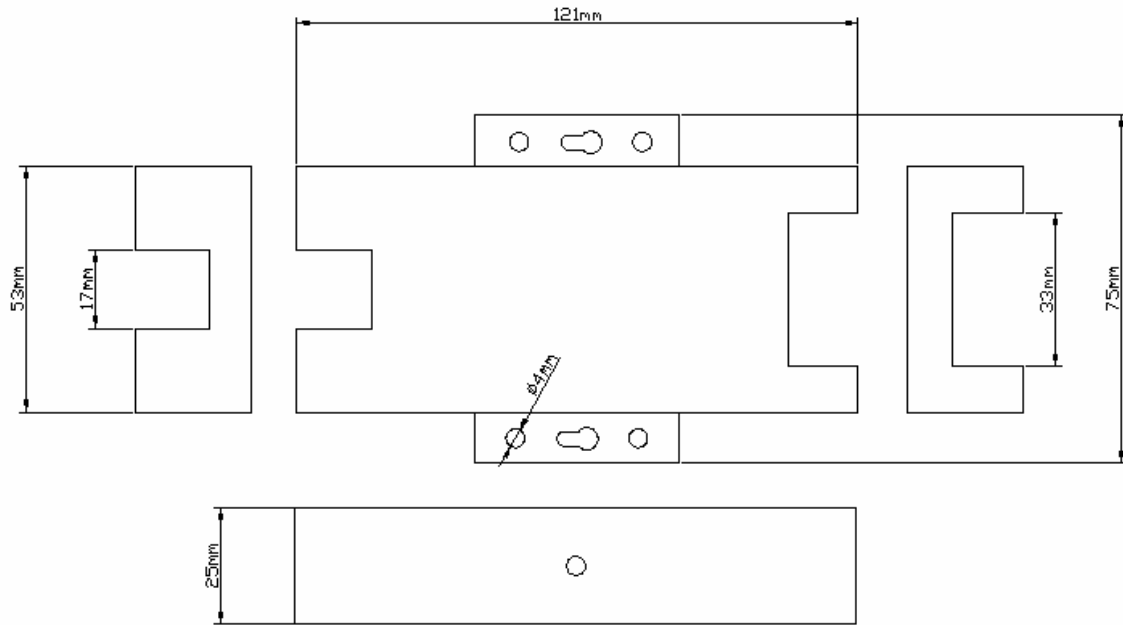
## Summarization

RF 8-key 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 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.

## 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: L121xW75xH25 mm
- Packing size: LXWXH mm
- Net weight:
- Gross weight:
- 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, 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 and RF for controlling,there are 8 buttons in all, the funtion of each key as follows:
  - ⏻ (1): you could turn on/off controller at any time;
  - ▶ (2): Play/pause button,it is convenient for you to see the static effection of led;
  - S(3)+: The step of the speed change add 1 by each pressing;
  - S-(4): The step of the speed change subtract 1 by each pressing;
  - B+(5): A brightness control button,the step of the brightness add 1 by each pressing;
  - B-(6): The step of the brightness subtract 1 by each pressing;
  - M+(7): The NO. of patterns add 1 by each pressing;(refer to the following form)
  - M-(8): The NO. of patterns subtract 1 by each pressing;
3. Standard changes funtion as the following form:

No.	Patterns	Remarks	No.	Patterns	Remarks
1	Static red	Brightness is adjustable,Speed is unadjustable.	14	Blue stroboflash	Speed and Brightness are adjustable
2	Static blue		15	Purple stroboflash	
3	Static purple		16	Green stroboflash	
4	Static green		17	Yellow stroboflash	
5	Static yellow		18	Cycan stroboflash	
6	Static cyan		19	White stroboflash	
7	Static white		20	R/B crossfade	
8	Three-color jumpy changing	21	B/G crossfade		
9	Seven-color jumpy changing	22	G/R crossfade		
10	Three-color gradual changing	Speed is adjustable,brightness is unadjustable	23	fadeout and fadein in whole	
11	Seven-color gradual changing	24	Random flashing		
12	Three-color running	Speed and Brightness are adjustable	25	AUTO	1~24
13	Red stroboflash				

### Typical Application

