

## I. Main description:

working temperature: -20-60°C  
external dimension:121mmX75mmX25mm  
connection mode: common anode

supply voltage: DC12~24V  
output:three-CMOS open-drain output  
max load current: 4A each channel

## II. Control mode:

Each film button function as follows:

ON/OFF:In any state, you could turn on or turn off the output of controller;

PAUSE:when you want to see the static effect of led ,you may press this button to pause.

S+:The speed changing progression will add one when you press the button every time, there are 100 steps ;

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

B+:Adjusting brightness button,the brightness progression will add one when you press the button every time,there are 256 steps;

B-:The brightness progression will subtract one when you press the button every time;

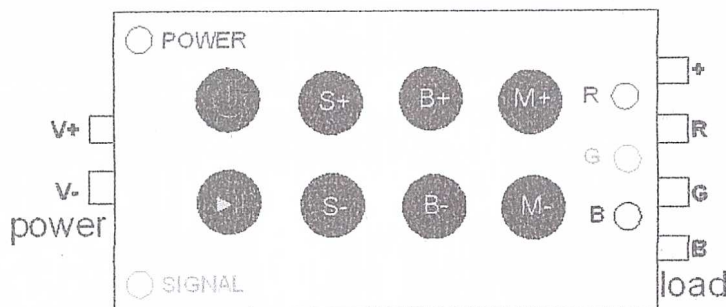
M+:Pattern function key, up direction,there are 25 programs in all.

M-:down direction.

Mode changes have been listed as follows:

Items	Patterns	Remarks	Items	Patterns	Remarks
1	Static red	Brightness is adjustable,Speed is unadjustable.	14	Green stroboflash	Speed and Brightness are adjustable
2	Static green		15	Blue stroboflash	
3	Static blue		16	Yellow stroboflash	
4	Static yellow		17	Purple stroboflash	
5	Static purple		18	Cyan stroboflash	
6	Static cyan		19	White stroboflash	
7	Static white		20	R/B crossfade	Brightness is unadjustable,Speed is adjustable.
8	Three-color jumpy changing	Speed and Brightness are adjustable	21	B/G crossfade	
9	Seven-color jumpy changing		22	G/R crossfade	
10	Three-color gradual changing	Brightness is unadjustable,Speed is adjustable.	23	All fade out&fade in	Speed and Brightness are adjustable
11	Seven-color gradual changing		24	Random stroboflash	
12	Three-color flowing	Speed and Brightness are adjustable	25	Automation	1~24
13	Red stroboflash				

## III. panel description and link line is as following diagram:



## 8-key controller

## IV. Attentions:

1. Supply voltage of this product is DC12~24V,it is forbidden for AC220V.
2. Never connect two wires directly in case of short circuit.
3. Load wire should be connected correctly according to colors that connect drawing offers.
4. Warranty of this product is one year, in this period we guarantee replacement or repairing with no charge, but exclude the artificial damage or overload working.