

## Product Specifications

Part No. ; WJ-8RF-controller01

Name: 8 Keys RF Wireless Controller(Black Case)

### Features:

Working temperature: -20-60 °C

Supply voltage:DC12V-24V

Output:3 Channels

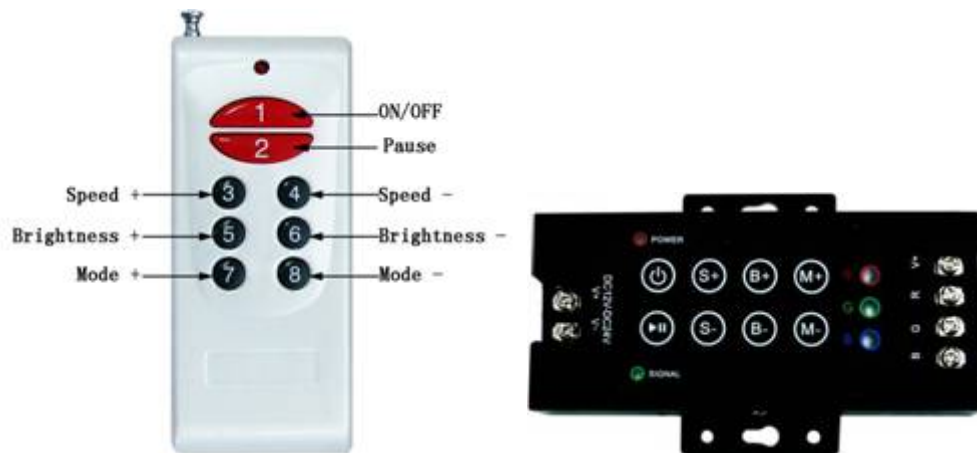
Maximum Output Power : 12V:<360W,24V:<720W


Max load current: 10A/CH\*3

### Description:

1. RF remote control, remote distance for 50 meters theoretically.
2. 256 levels of Grey Scale per RGB, even&smooth for color gradual changes,without any flashes.
3. various fantastic modes such as color smooth. color skipping, strobe. and so on.
4. Can choose each change pattern change speed and adjust brightness
5. functions of Change pause, Can maintain the grayscale and color of current LED lamps.
6. With our company's power amplifier, the output power can be amplifier unlimited.

### Controller External Description:



 Adopt film button and wireless control method, function of each button as below:

(on/off): you could turn on/off controller at any time;

 (pause): Play/pause button,it is convenient for you to see the static effect of led;

**S+**: The step of the speed change add 1 by each pressing;

**S-**: The step of the speed change subtract 1 by each pressing;

**B+**: A brightness control button,the step of the brightness add 1 by each pressing;

**B-**: The step of the brightness subtract 1 by each pressing;

**M+**: The NO. of patterns add 1 by each pressing;(refer to the following form)

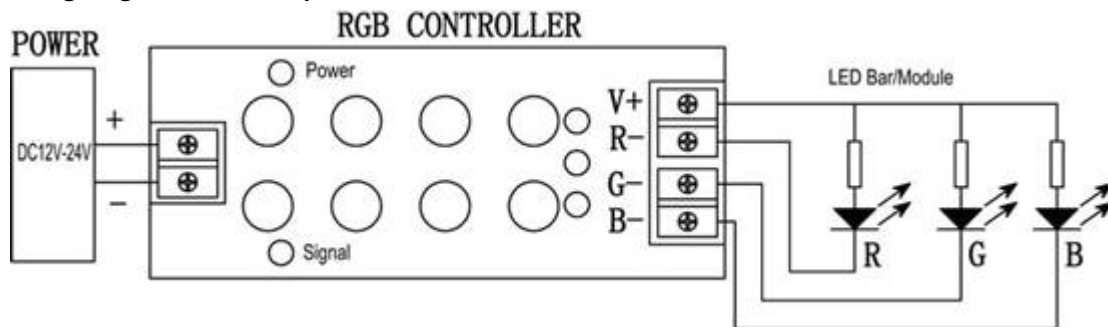
**M-**: The NO. of patterns subtract 1 by each pressing;

## RF Wireless Controller

Style changing table as below:

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	Speed and brightness are adjustable	21	B/G crossfade	Speed is adjustable, brightness is unadjustable
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	
13	Red stroboflash				

### wiring diagram and description



### analysis and solving methods

Fault phenomena	Analysis of the causes	solving methods
no lighting	1. Switching power supply without electricity 2. positive line and Negative line reversed 3. Connect wrong line or not firm	1. Check switch power 2. orrected 3. check wiring
Wrong color	4. RGB Connect wrong line	4. Connect right again
Different before and after the brightness	5. Output line is too long pressure drop 6. Line diameter is too thin pressure drop 7. Overloaded power load 8. Controller load overload	5. Shorten lines or circular power 6. Calculate current, use thick line 7. Replace big power supply 8. Increasing power expansion
Cannot control	9. batteries with No electricity 10. Beyond the controllable distance	9. Replace the battery 10. Shorten Remote distance
A model does not change	11. Speed adjustable slow	11. Please click speed key speed

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**Note:**

1. When installation, avoid in mines, strong magnetic field and pressure of the area
2. Ensure correct firmly, lest circuit wiring damage components and trigger the fire accident
3. Please be installed on the controller ventilated place, to ensure the environmental temperature
4. Please check the controller (must input power supplies complete constant dc voltage switching power supply) meets the requirements, the output voltage power supply products and products are consistent.
5. Prohibit charged wiring, check to ensure correct wiring, check if short-circuit, electrify again.
6. This product quality deadline for 1 year, but not including artificial damage or overworked