Model: JM-DST-05

Product name: RF2.4G Touch RGB+CCT Controller

Product Specifications



Product Description

This 2.4G Touch Remote RGB+CCT controller is human touch type and key control type universal RGBWW controller. Adopting the most advance PWM control technology, can control all kinds of 5 channel (common anode) and 6 wires LED lights. Such as LED module, led strip, led control box, led source, etc. This controller is easy to connected with wires and very simple to use. It is with synchronous indicating light and power off memory function. User can choose different changing mode, adjust the speed and brightness, turn on/off by the remote controlling. User can get flash effect, strobe effect, fade effect etc according to their demand .

Technical Parameters

Working temperature: -20~55°C
Supply voltage: DC12~24V

Output: 5 Channel

Connection mode: Common anode
Controller size: L85×W45×H23mm
Remote size: L150×W40×H13mm
Static power consumption: <1W

Output current: <4A/CH

• Output power: 12V:<240W; 24V:<480W

External dimension

controller

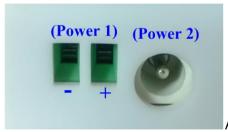


remote



Connection description:

Power input interface:



Adopt wire plug-in and screwing terminal power input

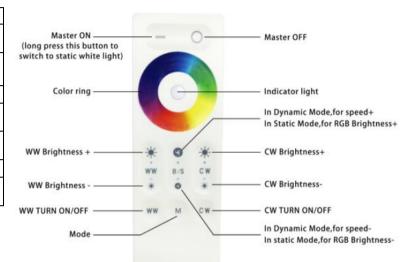
Load output interface:



Adopt wire plug-in and screwing terminal output

Remote Function introduction

Item	Parameter	Remark	
Supply Voltage	3V	2*AAA	
		batteries	
Transmission	2400-2483.5M		
Frequency	Hz		
Control Mode	GFSK		
Transmission	6db		
Power			
Static power	10uA		
consumption			
Remote distance	20-30m		
External	150×38×13mm		
dimension			



• Remote Function introduction:

- 1. Use the 2.4G frequency RF remote control, no need to make the remote direct to the controller, and the RF remote can control it across obstacles.
- 2. In the open area remote control distance is about 30 meters.
- 3. Adopt touch control remote, slightly touch the color wheel can switch the light color easily and smoothly

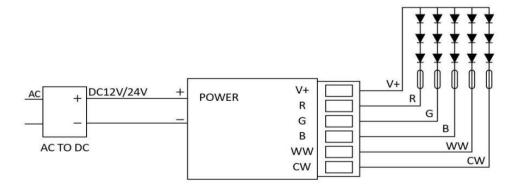
• Operation method:

- 1. Connect the load wire at first, following by the power wire; Please make sure no short circuit between connecting wire before you turn on the power;
- 2. the WW and CW ON/OFF button is effective in the OFF station, press the power button for the first time then controller will enter to the last mode before turn off the controller last time (memory off function).
- 3. Press ON button to start, then press mode button can switch the 25 modes as following:

Numb	Mode	Adjustable state
er		
1	3 colors Fade	
2	7 colors Fade	
3	Mix white Fade in & out	
4	Warm White Fade in & out	
5	Cool white Fade in & out	
6	Warm-Cool white Fade in & out	
7	Red-Warm white-Cool white Fade in & out	
8	Green-Warm white-Cool white Fade in & out	
9	Blue-Warm white-Cool white Fade in & out	
10	3 colors-Warm white-Cool white Fade in & out	

11	7 colors-Warm white-Cool white Fade in & out	
12	Mix-Warm-Cool white Fade in & out	
13	3 colors Strobe	Brightness is adjustable,
14	7 colors Strobe	speed is adjustable
15	Mix White Flash	
16	Warm white Flash	
17	Cool white Flash	
18	Warm-Cool white Flash	
19	Red-Warm white-Cool white Flash	
20	Green-Warm white-Cool whiteFlash	
21	Blue-Warm white-Cool whiteFlash	
22	3 colors-Warm white-Cool whiteFlash	
23	7 colors-Warm white-Cool whiteFlash	
24	Mix-Warm-Cool whiteFlash	
25	Automatic Cycle	

Typical Application



Cautions

- 1, This products Input voltage is DC12-24V,other input voltage are not allowed.
- 2, Lead wire should be connected correctly, according to the wire color and the connecting diagram offers;
- 3, Overload are prohibited.