

HM-12RGB6A3-RC-3

Multi-Function LED RGB Controller

Manual



Thanks for choosing our HM-12RGB6A3-RC-3 Multi-Function LED RGB Controller. Before installation and usage, we strongly recommend you to read through this manual carefully.

Product Features :

1. Use wireless remote control in 30 meters, or control by the keys on the controller panel.
 2. Three Channels RGB control . Constant voltage driver ,Max 6A each channel.
 3. Up to 31 changing models to select , 256 grey level changing.
 4. Each model can select changing speed and overall brightness separately.
 5. 8 Level brightness and speed adjustment.
 6. Change and Pause function.
 7. Mode , Suspend protection ,memory function.
 8. Soft switch function.
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Performance Parameter:

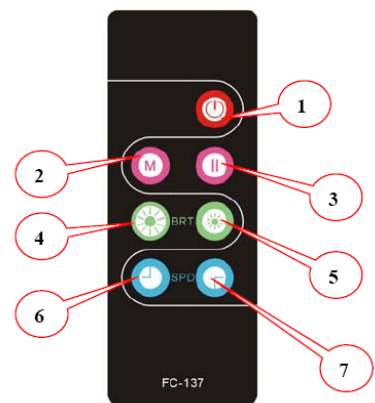
Model : HM-12RGB6A3-RC-3

Item	Parameter	Item	Parameter
Power Input	DC 5-24V	Speed	8 level
Output Current	5A(Max) /CH×3	Brightness	0~8 level
Power Output	5V: ≤90W; 12V: ≤210W 24V: ≤432W (Duo Channel)	Remote Control	30m
Standby Power	0.5W	Dimension	L127×W52×H19(mm)
Mode	31	Package	L135×W76×H36 (mm)
Gray Scale	256 level/CH	Weight	170g

Mode explanation :

1: Red	9: Jumping change 2	17: White jumping change	25: White flickering
2: Green	10: 6 colors jumping change	18: gradual change	26: RG flickering
3: Blue	11: 6 colors jumping change 2	19: RGB gradual change	27: RB flickering
4: Yellow	12: RGB jumping change	20: RG gradual change	28: GB flickering
5: Purple	13: RGB jumping change 2	21: RB gradual change	29: R flickering
6: Cyan	14: RG jumping change	22: GB gradual change	30: G flickering
7: White	15: RB jumping change	23: Flickering	31: B Flickering
8: 7 colors jumping change	16: GB jumping change	24: RGB Flickering	

Operating instruction :



Key Description:

STUDY: Check code function (Use with remote controller)

The main function of this key is to make the lighting controller to



achieve correspondence with the wireless remote controller so that other radio interference affecting their performance can be prevented. In using, switch on first and press the STUDY key on the controller panel, then just press any button on the remote controller.

ON/OFF①: Turn the controller on/off

MODE②: Switch to the next model

Pause③: Keep the current color

BRT: Change brightness level

④+: Increase brightness by one level

⑤-: Decrease brightness by one level

SPD : Change speed level

⑥+: Increase speed by one level

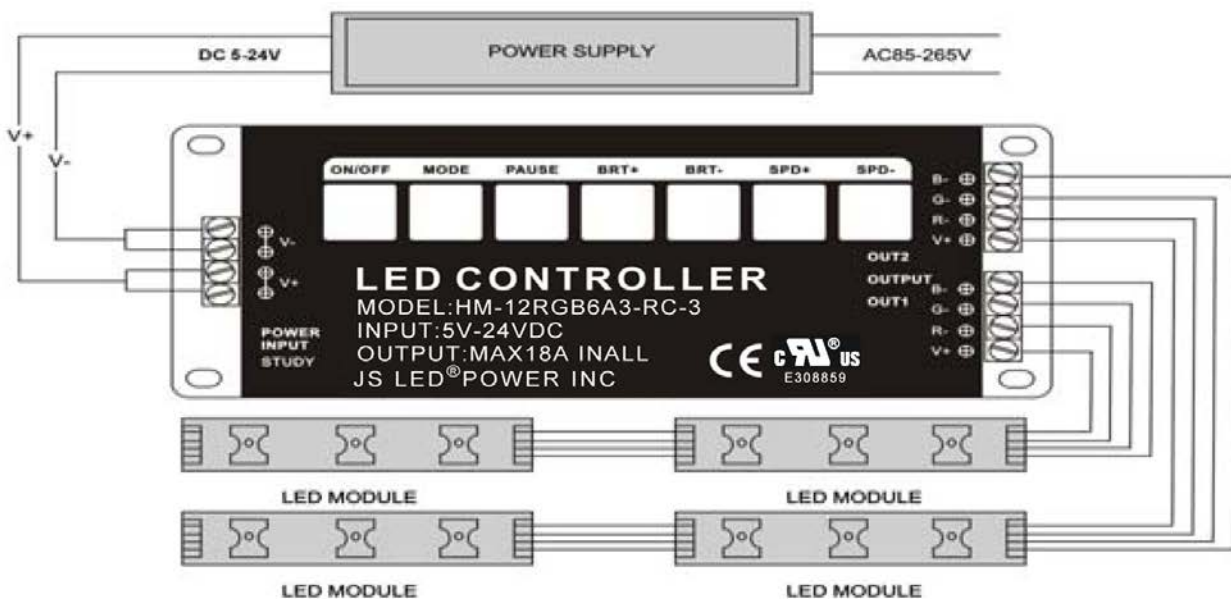
⑦-: Decrease speed by one level

NOTE:

1: Please clear code before check code when using HM-12RGB6A3-RC-3! The way of clear code: Hold down the STUDY key, automatically clear code successfully after 20 seconds.

2: The way of check code: Hold down the STUDY key; press any transmitter key (Successfully check code after 4 to 5 seconds).

Connecting Instruction :



Remark : Can connect various single color module and common anode connection full color module .