



## LED Dimming Controller

### Product Features



- 0-100% brightness control, 256 levels;
- On/off function;
- 1 channel can drive up to 10A;
- 0%, 25%, 50%, 75%, 100% brightness pre-saved;
- Pre-saved fade, flash changing mode, 8 scale speed;
- Remote control
- Building Decoration: Business spaces, airports, subway;
- Indoor Decoration: Lighting and back lighting for hospital, hotel, marketplace, square, dining-room, pub and etc.
- AD solid Word, sign and mark, signboard and billboard;
- Be used as big area back lighting source.

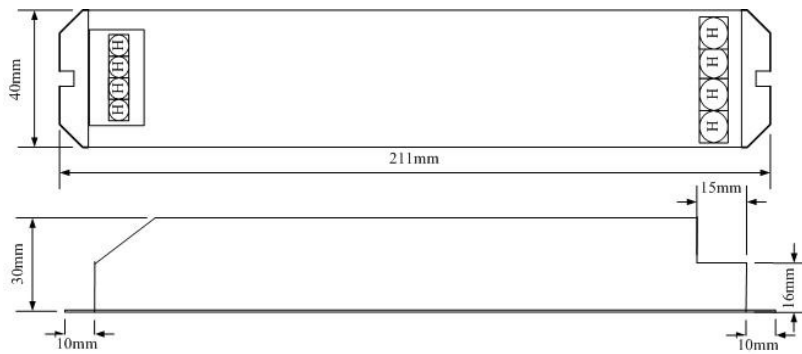
### Product Specification

|                |  |
|----------------|--|
| DC V Input     | 12/24V                                     |
| Current Output | 10A(Max) per channel, 12V: 120W; 24V: 240W |
| Size           | 211(L)X40(W)X30(H) mm                      |
| Weight         | 180g                                       |

### Dimension



## HM-12RGB5A2-DM USER MANUAL



### Mode Instruction

| Mode | Mode Description |
|------|------------------|
| M1   | 0%               |
| M2   | 25%              |
| M3   | 50%              |
| M4   | 75%              |
| M5   | 100%             |
| M6   | Flash            |
| M7   | Fade             |

### Operation Instruction



**ON/OFF:** Press it to open or close the output

**Mode:** Press it to change the mode to next one ;

#### Brightness

**While at M1-M5:**

**+**: Press it to increase the brightness of the LED (Continuous increase by long press);

**-** : Press it to decrease the brightness of the LED (Continuous decrease by long press);

**While at M6-M7:**

**+**: Press it to make the change speed of the LED to a faster level;

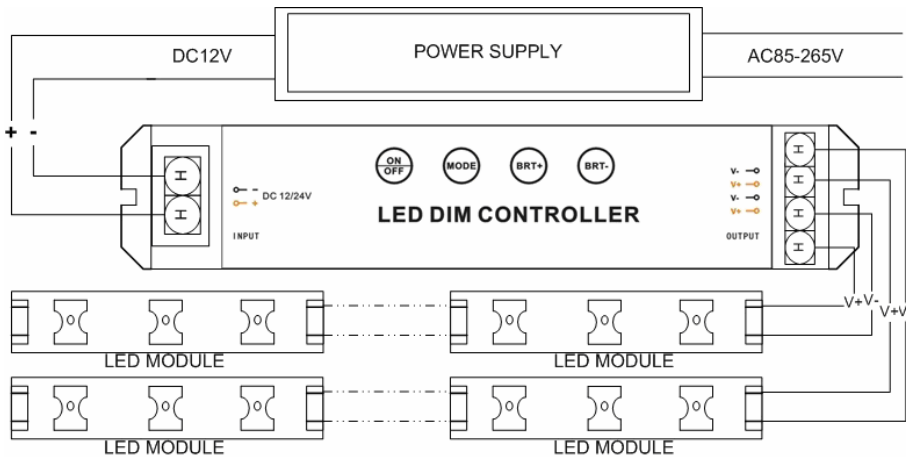
**-** : Press it to make the change speed of the LED to a slower level.



# HM-12RGB5A2-DM USER MANUAL

**Remote control buttons:** A: ON/OFF; B: Mode; C: Brt+; D: Brt-.

## Conection Instruction

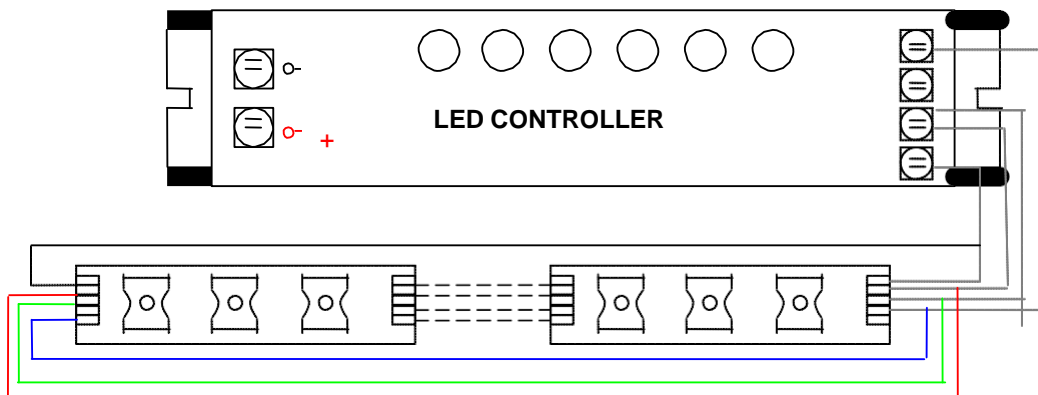


### Remark:

It can control various single color modules.

## Contents about install

- (1)The input voltage should be limited in rated range.
- (2)Do not use it by over load.
- (3)Install in suitable environment.
- (4)If the load line was too long, you should link it like a ring





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## Troubleshooting Guide

| Problem                  | Reason   | Solution  |
|--------------------------|--|---|
| 1.All the lamps were off | The power wire not connected well or no output | Reconnect the power wire or change a power supply |
|                          | Lamp's power wire not connected well           | Reconnect the power wire                          |
| 2. Irregular flicker     | Line is too long or not connected well         | Shorten the line or add a amplifier               |