USER MANUAL
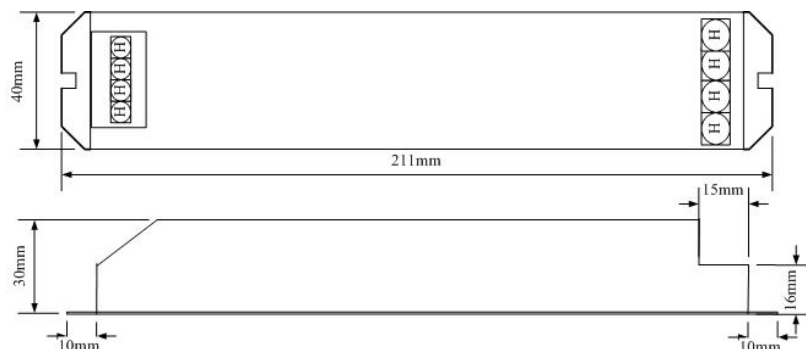## Model #: HM-12RGB5A2-DM

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

Product Specifications:

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

Dimensions:

Mode Chart:

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

Operation Instructions:

ON/OFF: Press to turn on or off.

Mode: Press to change the mode to next one.

Brightness

While using Modes M1-M5:

+: Press to increase brightness. Hold down for continuous brightness increase.

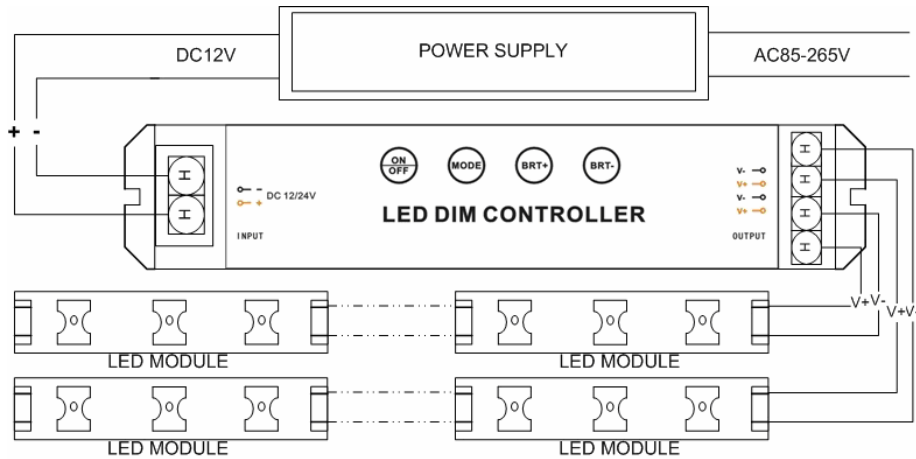**- :** Press to decrease brightness. Hold down for continuous brightness decrease.

While using Modes M6-M7:

+: Press to increase speed of LED.

- : Press to decrease speed of LED.

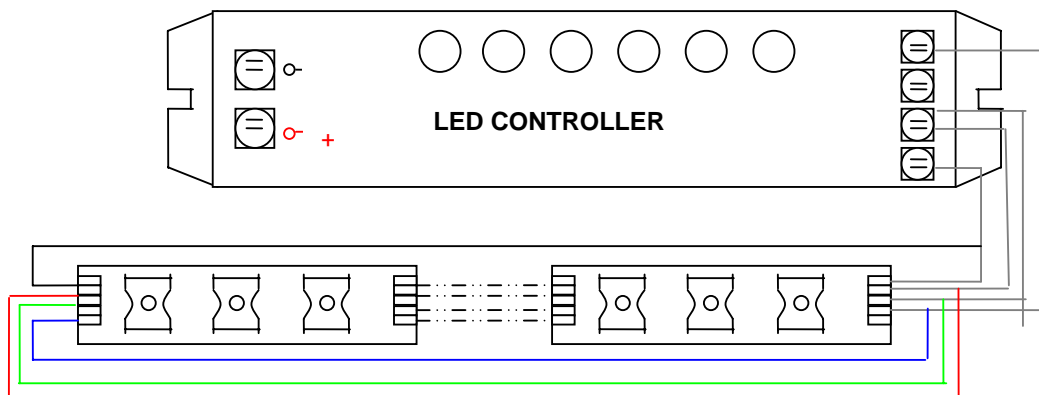**Remote control buttons: A:** ON/OFF; **B:** Mode; **C:** Brt+; **D:** Brt-.

Connection Instructions:

| DC12V | POWER SUPPLY | AC85-265V |

LED DIM CONTROLLER

ON/OFF   MODE   BRT+   BRT-

DC 12/24V   INPUT   OUTPUT

V- V+ V- V+

V+V- V+V-

LED MODULE   LED MODULE

LED MODULE   LED MODULE

Note: It can control various single color modules.

Remarks:

(1)The input voltage should not exceed 24VDC

(2)Do not overload; Max. 120W/12V; Max. 240W/24V

(3)Not for wet installations.

LED CONTROLLER

Troubleshooting Guide:

Problem	Reason	Solution
1.All the LEDs are not lit	Power wire not connected well or no output	Reconnect the power wire or change power supply
	LED 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 amplifier