

## RGB LED Modlue Controller for Channel Sign





## LED Controller

ORDER CODE : RGB-300

### Rating

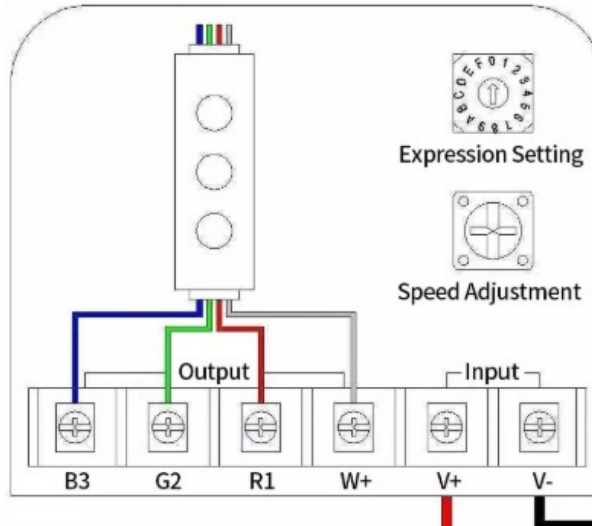
- Below 73W per circuit, DC12V
- Up to 300 RGB modules, 100 white modules per circuit (total of 300)

LED Controller provides RGB Led and White LED for expression of various patterns such as dimming, flickering, dimming+flickering, and color fixing.

Especially, LED Controller combines three primary lights of red green and blue to express 7 color combinations.

- Rotary switch for simple mode selection
- 16 expressions with RGB mode, one-color mode, and white mode
- Easy expression setting and speed adjustment without separate tool
- Rain-proof type for use in indoor and outdoor
- Simple size

### RGB/One-Color Mode

Mode	Expression Setting	Mode Explanation	Wiring Diagram
RGB Mode	0	Sequential dimming	 <p>The diagram illustrates the wiring for the RGB Mode. It features a terminal block with six terminals: B3, G2, R1, W+, V+, and V-. A three-wire cable (blue, green, red) is connected to the B3, G2, and R1 terminals. A rotary switch, labeled 'Expression Setting', is connected to the B3, G2, and R1 terminals. A potentiometer, labeled 'Speed Adjustment', is connected to the V+ and V- terminals. The W+ terminal is connected to the positive input of the potentiometer. The V+ and V- terminals are connected to the potentiometer's wiper and ground, respectively. The label 'Output' is placed near the B3, G2, and R1 terminals.</p> <p>RGB Mode Wiring Diagram</p>

One-Color	1	Sequential flickering
	2	Sequential dimming and flickering
	3	Fixed lighting of red(R)
	4	Fixed lighting of green(G)
	5	Fixed lighting of blue(B)
	6	Fixed lighting of yellow(RG)
	7	Fixed lighting of sky-blue(GB)
	8	Fixed lighting of purple(RB)
	9	Fixed lighting of white(RGB)