

# RGB-Controller #6004



RGB-controller #6004 is a three-channel LED controller and enables individual colour mixing of LED modules by pulse width modulation (PWM). PWM at a frequency of 400-455 Hz is generated from a microprocessor and modulated to the applied input voltage of 12/24 VDC.

There are 5 basic functions: 5 factory preset sequences adjustment via push button MODE; The speed of the preset sequence can be adjusted by push button SPD+ & SPD-, and the brightness of the preset sequence also can be adjusted by push button BRT+ & BRT-; Pushing the LOCK button colorchange will stop at the current color status;

Lighting Memory Function with its Last ON-Setting. Three individual channels can load over 4A max. each, Max. output power is 288W.

## Features:

- Economical
- Compact size
- Easy of installation
- Robust 288W(@24V) power source
- 12/24V Low Voltage Operation
- 5 factory preset sequences
- 5 basic functions
- Indoor rated

## Electrical specification:

- POWER INPUT: 12/24V DC
- POWER OUTPUT: 12/24VDC (200W Max.)
- HEAT DISSIPATION: 25 percent of total power input
- AMBIENT OPERATING TEMP: 14°F to 122°F (-10°C to 50°C)
- HOUSING OVERALL DIMENSIONS: 115 mm X 35 mm X 30mm
- WEIGHT: 200 g

## Remote Controller Function Diagram:



### Function Description:

0/1: Power on / off

LOCK: stop at the current color when doing colorchange.

SPEED +: Speed up the colorchanging.

SPEED -: Speed down the colorchanging.

BRIGHTNESS+: increase the brightness.

BRIGHTNESS-: decrease the brightness.

FADE: set with fade or without fade when colorchanging.

P1: chose color pattern 1, R->RG->G->GB->B->RB->RGB->R...

P2: colorchanging pattern 2, R->RG->G->GB->B->RB->R...

P3: colorchanging pattern 3, R->RGB->B->RB->RGB->RG->G->RGB->RB->R...

P4: colorchanging pattern 4, R->G->B->R->... with cross.

P5: colorchanging pattern 5, R->G->B->R->... without cross.

## Physical Dimensions:

