



# EP-IR-RGB-STANDARD CONTROLLER



## Product Introduction

Create custom lighting effects with this 44-key IR remote control and LED control unit, that's specifically designed to work with 12 VDC RGB LED light ThinGlow strips. Adjust brightness, color, fade in/out, and flash rate. Supports up to five meters of RGB LED light strips. Other tri-color, common anode LEDs may be used if configured to work with 12 VDC supply voltage by the use of voltage dropping resistors. IR remote control uses a CR2025 battery (included).

## Specification

Working temperature:	-20-60°C
Supply voltage:	DC12-24V
Size:	L63 x W35 x H23mm
Weight:	50g
Output:	Three CMOS drain-open output
Connecting Mode :	Common anode
Rated load current:	2A per channel.
Static power consumption:	<1W
Output power:	12V/72W

**Note:** To use the DIY memory keys, press the desired memory key, use the up/down red, green, or blue arrows to adjust to desired color, then press the DIY memory key again to store the color. Due to the IR operation of this product, it is possible for remote controls of other devices to inadvertently change LED settings.

## Remote Control: 44 Button Controller + Remote

Brightness + (7 steps)	Brightness - (7 steps)	Pause/Run	On/Off
Static red	Static green	Static blue	Static white
Static orange	Static pea green	Static dark blue	Static off-white
Static dark yellow	Static cyan	Static royal blue	Static light pink
Static yellow	Static light blue	Static pink	Static green white
Static light yellow	Static sky blue	Static brown	Static blue white
Increase red	Increase green	Increase blue	Speed up
Decrease red	Decrease green	Decrease blue	Speed down
Memory 1	Memory 2	Memory 3	Automatic change
Memory 4	Memory 5	Memory 6	Flash on and off
3 color change	7 color change	3 color fade change	7 color fade change





# Wiring Diagram

