

HX-LWP86-RGB(color ring)

Category: RGBW Controllers
Source model: HX-LWP86-RGB(color ring)
Internal reference: HOION-CTRL-047

Product Overview

Technical Details

Features:

- Designed for RGB constant voltage LED lights, Working voltage DC12-24V.
- Two channels output, Max. load current: 3CH*4A; Max. load power: 144W/12V; 288W/24V.
- The wall panel adopts the capacitive touch-sensitive design, unique appearance and easy-operation.
- RF frequency:2.4GHz, distance up to 20 meters.
- Memory function, each time power-on reserve the mode which stop in the last power-down.
- Amplifier is available to achieve more LEDs sync-control.
- Structure/dimension/installation of the wall panel according to the 86-type European standards.

Technical Parameters:

The wall panel controller:

- | Working temperature | -20-60℃ | Working voltage | DC 12~24V
- | Static power consumption | <1W | Connecting mode | Common anode
- | Gray scale | 256 levels | RF frequency | 2.4GHz
- | N.W | 140g | G.W | 160g
- | External dimension | L86*W86*H34mm | Packing dimension | L150*W90*H60mm
- | Output | 3 channels | Max. Output current | 4A*3CH
- | PWM frequency | 700Hz | Max. Output power | 12V:144W, 24V:288W

Dimension:

Interface Specification

Wall-panel Installation instruction

Direction for use

- Connect the load wire at first, followed by the power wire; Please ensure short circuit can not occur between wires before turning on the power.
- Adopts RF full touch wall-panel remote control, with one color ring and 5 function buttons.
- The signal light flash-- represents the signal has been sent well;
- The function of buttons are shown as below:

The function of each button as below:

Name of key
Instruction
Remarks

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- | ON/OFF | ON or OFF in any time |
- | Mode | The mode will move to next, when touch the key each time | 9 modes in total.
- | Speed/Brightness + | The Speed/Brightness will +1, when touch the key each time | Speed for dynamic modes, Brightness for static modes.
- | Speed/Brightness - | The Speed/Brightness will -1, when touch the key each time | Speed for dynamic modes, Brightness for static modes.
- | Color Ring | Touch any color which is wanted |

10 modes in total as below:

- | | No | Patterns | Remarks |
|----|-------------------------------|---|---------|
| 1 | Static white | Brightness is adjustable | |
| 2 | White flash | Speed is adjustable, brightness is unadjustable | |
| 3 | White breath | | |
| 4 | Three-color jump changing | | |
| 5 | Seven-color jump changing | | |
| 6 | Three-color gradient changing | | |
| 7 | Seven-color gradient changing | | |
| 8 | R/G cross fade | | |
| 9 | R/B cross fade | | |
| 10 | G/B cross fade | | |

Typical Applications

Application circuit:

Product information for placing order

- | Product name | Item number
- | Wall panel RGB controller (color ring) | HX-LWP86-RGB

Source reference: <https://www.hoionlighting.com/products/LEDdiaoguangqi/RGBWkongzhiqu/2021/0419/354.html>