

HX-SZ100-SYNCDIM-14K

Category: Tunable White / CCT Controllers
Source model: HX-SZ100-SYNCDIM-14K
Internal reference: HOION-CTRL-023

Product Overview

RF Dimmer
HX-SZ100-SYNCDIM-14K, adopt the most advanced PWM (Pulse Width Modulation) digital dimming technology, especially design for single color led strip. Adopt RF remote control, transmission Distance up to 20mï¼no need line-of-sight. 14 function buttons, intuitive panel allowing intelligent lighting with brilliant simplicity. Particularly, HX-SZ100-SYNCDIM series are designed with big power output as 25A (1CH)/300W in the Max. Further, it can be easily connected by RJ45 to achieve all uni

Technical Details

Product Feature

- Adopt PWM technology, dimming from 0% to 100%, smooth and flicker-free.
- Adopt RF remote control, transmission Distance up to 20mï¼no need line-of-sight.
- Easy connection to achieve multiple dimmers sync-work by RJ45 terminal.
- HX-SZ100-SYNCDIM series are designed with big power output as 25A (1CH)/300W in the Max.
- 2-year warranty.

Technical Parameters

- | Working temperature | -20-60â
- | Working voltage | DC12V~24V
- | External dimension | L127*W41*H32 (mm)
- | Packing size | L147*W85*H73 (mm)
- | Net weight | 180g
- | Gross weight | 210g
- | Output gray | 256 levels
- | Max. Output current | 25A(1channel)
- | Max. Output power | 300W
- | Frequency of RF remote control | 433.9MHz
- | RF remote rang: | 20M

Interface Specifications

Direction for use
Adopts RF 14-key remote control, intuitive panel allowing intelligent lighting with brilliant simplicity.
The function of each button as below:

- |
- OFF ||
- ON
- |
- |

HX-SZ100-SYNCDIM-14K

25% level |
50% level |
75% level |
100% level

|
Scene 1 |
Scene 2 |
Scene 3 |
Scene 4

|
|
Delay Off 30's |
Brightness/Speed- |
Brightness/Speed+ |
Dynamic mode

RF CODE

Receiver can be controlled by any one the same remote as factory default; remote control delivered with unique RF code as factory default; if unique-control is needed, please matching the code before installation and using.

Matching code operation

If unique-control or new-coded-remote is needed, pairing the remote and the receiver as below operation instruction before using:

1.
Step 1 : Pressing key "DELAY OFF" and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.
2.
Step 2 : Pressing " DELAY OFF" 3times in 3 seconds ,corresponding to the operation, the LED's brightness will change as 25%-10%-back to preset level.
- 3.Code learning successfully, the receiver only can be controlled by the remote.
- 4.If not, please re-operate from step 1 to 2.

Clear code operation

Back to factory default, receiver can be controlled by any one the same remote control.

1.
Step 1 : Pressing key "FUN" and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.
2.
Step 2 : Pressing " FUN" 3times in 3 seconds ,corresponding to the operation, the LED's brightness will change as 25%-10%-back to preset level.
- 3.Code learning successfully, the receiver only can be controlled by the remote.
- 4.If not, please re-operate from step 1 to 2.

Typical Applications

Conjunction Diagram:

Application Diagram:

Product information for placing order

| Product name | Item number

| RF Dimmer | HX-SZ100-SYNCDIM-14K

Source reference: <https://www.hoionlighting.com/products/LEDdiaoguangqi/LEDshuangsewenkongzhiqi/2021/0417/330.html>