

HX-SZ100-SYNCDIM-TOUCH

Category: Tunable White / CCT Controllers
Source model: HX-SZ100-SYNCDIM-TOUCH
Internal reference: HOION-CTRL-024

Product Overview

RF Touch Dimmer
HX-SZ100-SYNCDIM-TOUCH, adopt the most advanced PWM (Pulse Width Modulation) digital dimming technology, especially design for single color led strip. Adopt full touch RF remote control. 5 function buttons and 1 dimming ring in the center, all buttons are in the touch form, and the dimming ring has 128 levels in different brightness value. Particularly, there is a sense light in the remote control center. It shows the exactly light which was be touched. As the led strip is the sa

Technical Details

Product Feature

- Adopt PWM technology, and the dimming ring in the center has 128 levels in different brightness value, smooth and flicker-free.
- High watt output design, up to 1*25A/ 300W.
- Easy connection to achieve multiple dimmers sync-work by RJ45 terminal.
- Adopt RF remote control technology and full touch design.
- Designing for: LED constant voltage single color product like LED single color strip.
- 2-year warranty.

Technical Parameters

- | Working temperature | -20-60℃
- | Supply voltage | DC12V~24V
- | Output | 1 channel
- | Connecting mode | common anode
- | External dimension | L127*W41*H32 (mm)
- | Packing size | L147*W85*H73 (mm)
- | Net weight | 280g
- | Gross weight | 340g
- | Output gray | 256 levels
- | Output current | <25A*1CH
- | Max. Output power | 300W
- | Frequency of RF remote control | 433.92MHz

Interface Specifications

- Direction for use
- Adopts RF full touch control, with one dimming ring and 5 function buttons.
- Tips: Without any operation more than 20 seconds, the touch remote will enter the sleep state, please SHAKE the remote to wake up it before the next using.
- The function of each button as below:

|

HX-SZ100-SYNCDIM-TOUCH

Name of key |

Instruction |

Remarks

| ON | ON in any time |

| OFF | OFF in any time |

| Mode | The mode will move to next, when touch the key each time | 3 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 temperature which you want |

3 modes in total as below:

| NO | Patterns | Remarks

| 1 | Static 100% light | Brightness is adjustable, speed is unadjustable

| 2 | flash | Speed is adjustable, brightness is unadjustable

| 3 | fade

RF CODE

Tips: Receiver can be controlled by any one the same remote as factory default; full touch 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:

Step 1 : Pressing key “

Mode ” and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.

Step 2 : Continuously to press the key

“ON “ for 3 times within 5 seconds after step 1 ,the brightness of LEDs will change from 25% -10% as responding.

Code learning successfully, the LEDs will be back to the status before the power off, and the receiver only can be control by the remote.

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.

Step 1 : Pressing key “

Mode ” and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.

Step 2 : Continuously to press

“

Speed/Brightness -

“ 3 times within 5 seconds after step 1 ,the brightness of LEDs will change from 25% -10% as responding.

Code clearing successfully, the LEDs will be back to the status before the power off, and the receiver can be controlled by any remote control(any one the same remote control can be used to clear the code).

4. If not, please re-operate from step 1 to 2.

Typical Applications

Conjunction diagram :

Power and LED's connection diagram:

Product information for placing order

| Product name | Item number

| LED Dimmer with RF full touch remote | HX-SZ100-SYNCDIM-TOUCH

HX-SZ100-SYNCDIM-TOUCH

Source reference: <https://www.hoionlighting.com/products/LEDdiaoguangqi/LEDshuangsewenkongzhiqi/2021/0417/331.html>