



Manual

2 in 1 LED controller (2.4G)

Model No.: iH2

Features

- This product is made by 2.4G wireless transmitting technology with low consumption and strong ability to resist signal loss.
- 2 kinds of output mode support 2 LED strip (Single color / Tunable white).
- Support 2.4G remote control.

Parameters

Model No.: iH2

Input Voltage: DC12V-48V

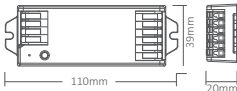
Output: 20A/Channel

Output: Max 20A

Output Type: Constant voltage

2.4G RF Remote Range: 30m

Working Temperature: -20~45°C



Output Diagram

Short press “SET” continuously to select output mode, indicator displays different output modes as following diagram.

Indicator	Output
White	Single color
Yellow	Tunable white

Setting PWM frequency

Long press “SET” until indicator flashes, short press “SET” continuously to select output mode.

Lowest	Flashing slowly	Flashing quickly	Fastest
250Hz	1KHz	4KHz	16KHz

PWM frequency (Changing different frequency to avoid beep noise from mains).



High frequency only support device with lower wattage, low frequency support device with higher wattage and have better dimming performance.

Factory default PWM frequency is 4KHz.

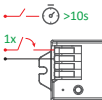
2.4G Remote Control

Linking code (2 different solution)



Solution 1

or



Solution 2

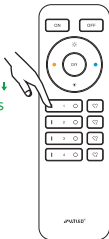
Solution 1. Short press "SET" 1 time, short press "I" 3 times within 3 seconds.

Solution 2. Power off and power on, short press "I" 3 times within 3 seconds.



Link is done if the light flashes 3 times slowly.

3x +
<3s

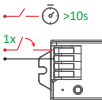


Cleaning Code (2 different solution)



Solution 1

or



Solution 2

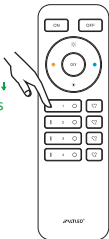
Solution 1. Short press "SET" 1 time, short press "I" 5 times within 3 seconds.

Solution 2. Power off and power on, short press "I" 5 times within 3 seconds.



Cleaning code is done if the light flashes 6 times quickly.

5x ↓
<3s



Mini Brightness

1. Long press “  ” or “  ” in group zone 6 seconds until light flashes one time.
2. Short press “  ” or “  ” in group zone to set up 10 kinds of brightness level (1%, 5%, 10%, 15%, 20%, 25%, 30%, 35%, 40%, 50%).



Short press any button except “OFF” to confirm or step out setting, the master “OFF” can set up all features.

ON/OFF Time

The light status changes gradually (factory default time is 0.5s).

1.5s:

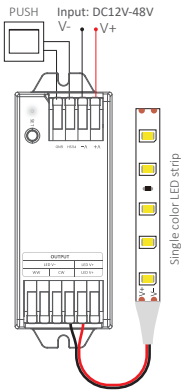
Short press “ON” 1 times and short press “OFF” 5 times within 3 seconds, the setting is done once light flashes 2 times slowly.

0.5s:

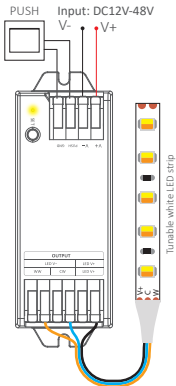
Short press “OFF” 1 times and short press “ON” 5 times within 3 seconds, the setting is done once light flashes 2 times quickly.

Connection Diagram

For single color LED strip
(short press "SET"--white indicator)



For tunable white LED strip
(short press "SET"--Yellow indicator)



PUSH dimming

Power On/Off: Short press the button.

Switch Mode: Double click to change mode between brightness and color temperature.

Adjust Brightness/Tunable white :

Long press : increase continuously.

Release and long press again: decrease continuously.

Note: The system recover to brightness mode automatically if stopping operation after 5 seconds.

Attention

1. Please cut off power before wiring device.
2. Please check the voltage of power adapter before connecting.
3. Don't disassemble it if you are not expert.
4. Don't use it in metallic or magnetic area.





For more information
scan QR code

Made in China