Manual

Single Color LED Controller (2.4G)

Model No.: iL1

A022

Features

- This product is made by 2.4G wireless transmitting technology with low consumption and strong ability to resist signal loss.
- Support 2.4G remote control.

Parameters

Model No.: iL1

Input Voltage: DC12V-24V

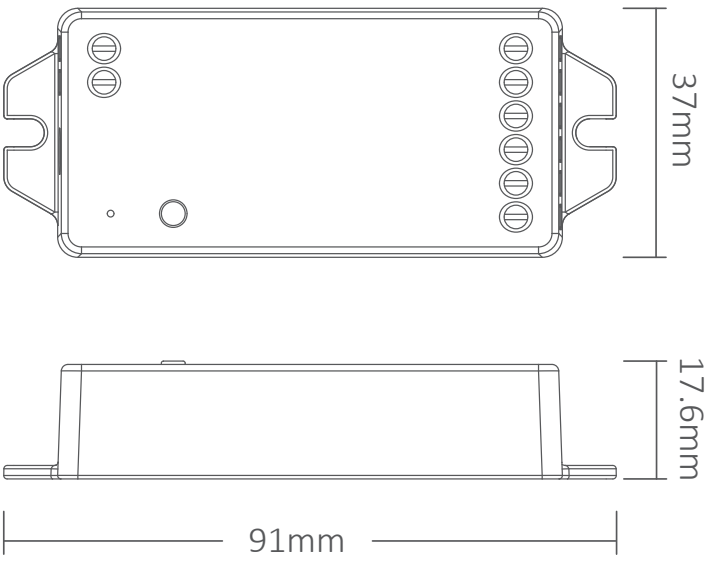
Output: 12A/Channel

Total output: Max 12A

RF: 2.4GHz

Control distance: 30m

Working temperature: -20~45°C



Setting PWM frequency

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

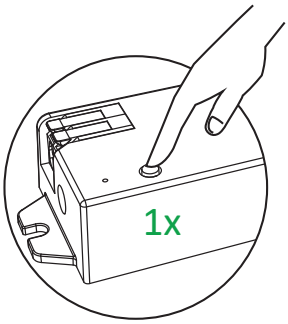
Lowest	Flashing slowly	Flashing quickly	Fastest
250Hz	2KHz	4KHz	8KHz

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

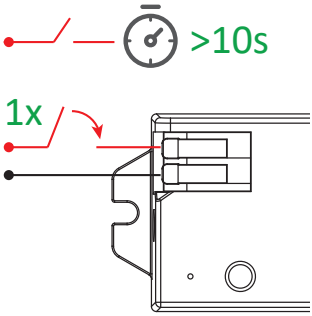
High frequency only support device with lower wattage, low frequency support device with higher wattage and have better dimming performance.
Factory default PWM frequency is 4KHz.

2.4G Remote Control

Linking code (2 different solution)



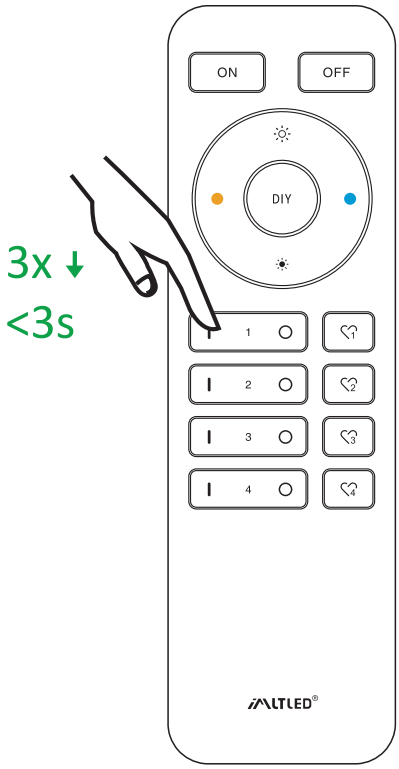
or



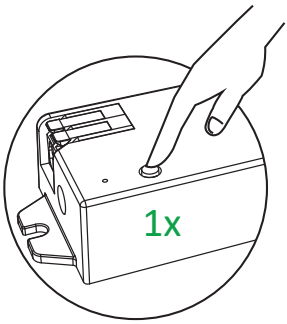
Solution 1 Solution 2

1. Short press “SET” 1 time, short press “ I ” 3 times within 3 seconds.
2. Power off and power on, short press “ I ” 3 times within 3 seconds.

Link is done if the light flashes 3 times slowly.

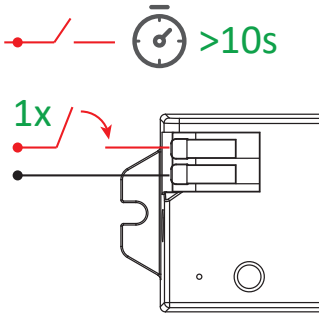


Cleaning Code (2 different solution)



Solution 1

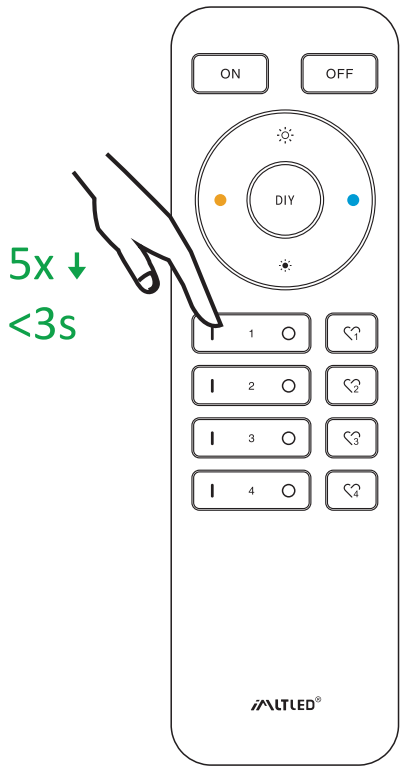
or



Solution 2

1. Short press “SET” 1 time, short press “ I ” 5 times within 3 seconds.
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.



Mini Brightness

1. Long press “ OFF ” or “ ○ ” in group zone 6 seconds until light flashes one time.

2. Short press ” OFF ” 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.

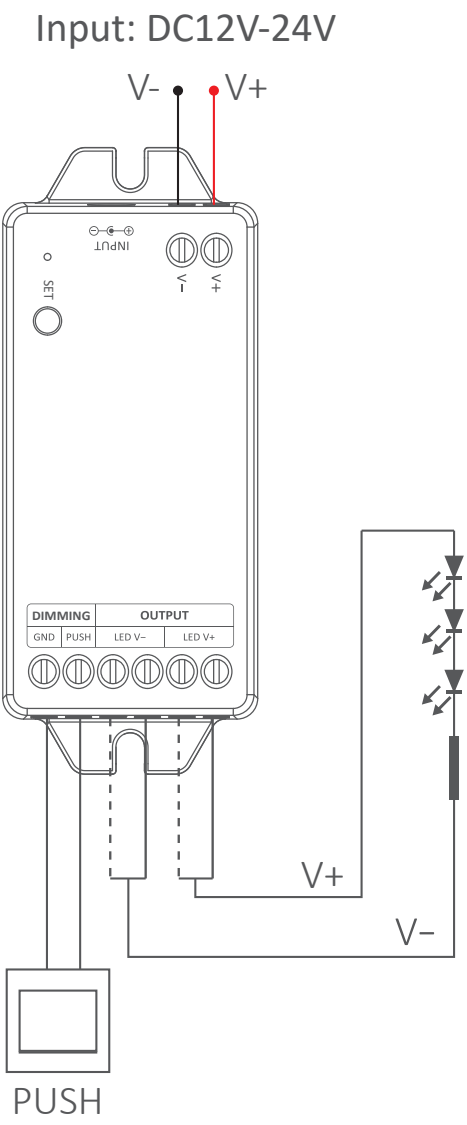
ON/OFF Time

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



PUSH dimming

Short press push switch:
Turn on or turn off light.

Long press push switch:
Long press / release and long press again to increase or decrease brightness.

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

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