



Manual

30A 5 in 1 LED Controller (2.4G)

Model No.: HP5

Features

- This product is made by 2.4G wireless transmitting technology with low consumption and strong ability to resist signal loss.
- 5 kinds of output mode support 5 led strip (Single color/Tunable white/RGB/RGBW/RGB+TW)
- Support 2.4G remote control.

Parameters

Model No.: HP5

Input Voltage: DC12V-48V

Output: 15A/Channel

Total output: Max 30A

Output type: Constant voltage

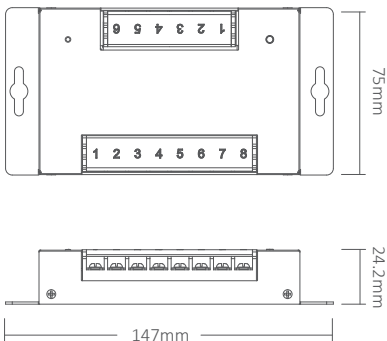
PWM frequency: 250Hz, 1KHz, 4KHz(default), 8KHz

Bluetooth Protocol: Bluetooth 5.2

2.4GHz RF Distance: 30m

IP rating: IP20

Working temperature: -20~45°C



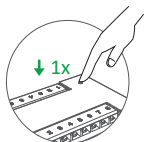
Output Diagram

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

Indicator	Output
White	Single color
Yellow	Tunable white
Red	RGB
Green	RGBW
Blue	RGB+TW

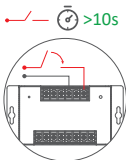
2.4G Remote Control

Linking code (2 different solution)



Solution 1

or



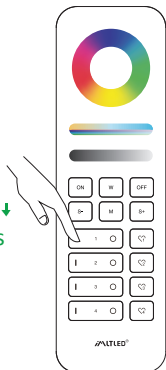
Solution 2

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.

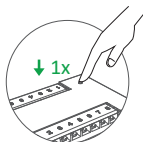


Link is done if the light flashes 3 times slowly.

3x ↓
<3s

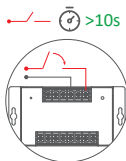


Cleaning Code (2 different solution)



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.

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.

Dynamic Mode List

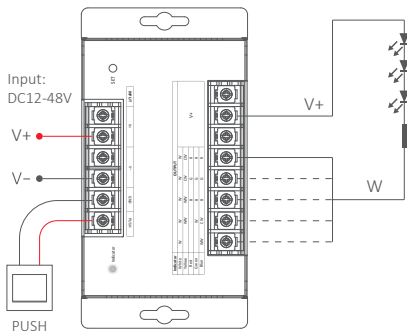
(For remote control only)

Attention: brightness, saturation and speed are dimmable.

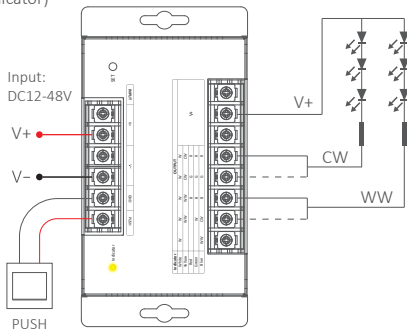
No.	Dynamic mode
1	Automatical color changing
2	RGB gradual changing
3	Color changing randomly
4	Seven color jumping
5	Color jumping randomly
6	Volcano red
7	Forest green
8	Ocean blue
9	Three color jumping and gradual changing

Connection Diagram

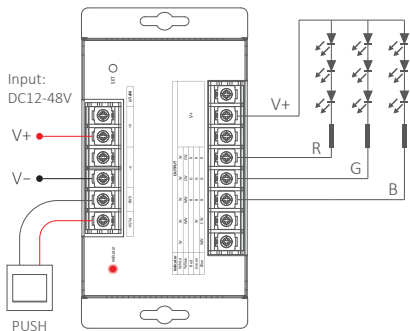
For single color LED strip (short press "SET"--white indicator)



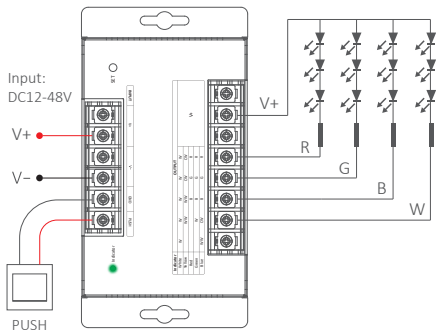
For tunable white LED strip (short press "SET"--yellow indicator)



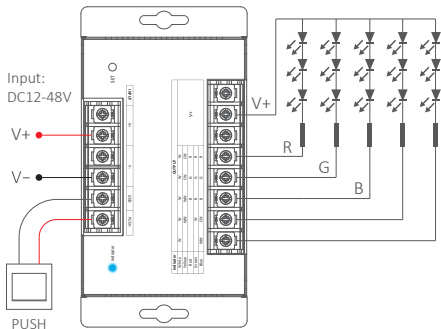
For RGB LED strip (short press "SET"--red indicator)



For RGBW LED strip (short press "SET"--green indicator)



For RGB+TW LED strip (short press "SET"--blue indicator)



PUSH dimming

Power On/Off: Short press the button.

Switch Mode(Double click):

Color temperature mode: Change mode between brightness and color temperature.

RGB mode: Change mode between brightness and RGB.

Adjust brightness/color temperature/RGB:

Long press to increase the value, Release and long press again to decrease it.

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.





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