

High Voltage RGB Strip Light Driver

Model No.: POW-LH1

Features

This product use 2.4G wireless remote controller, and smart phone APP control and 4G control via 2.4GHz gateway. It use PWM pulse dimming method with no flickering and built-in power supply soft-start function. Also can well avoid the LED chips broken due to the overshoot. It's with the protection for output over current, over loading, over voltage and short circuit function.



RGB Color changing



Mix Red, Green and Blue light to adjust color temperature



Dimmable
Saturation control



2.4G RF wireless transmission technology



Remote control
Control distance 30m



Smart phone APP control
WiFi Box or 2.4GHz Gateway is needed



Support amazon alexa and google assistant control
2.4GHz Gateway is needed

Parameters

Model No.: POW-LH1

Input Voltage: AC200~240V 50/60Hz

Input Current: Max 3.5A

Output Voltage: DC215V

Output Current: 1.85A

Rated Power: Max 400W

Transmitting Power: 6dBm

Efficiency: 94%

PF: ≥0.5

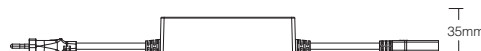
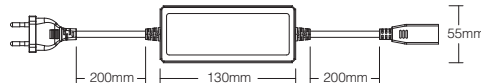
Output Connecting Method: RGB common anode
(4 channel 3 circuit)

Working Temp.: -10 ~ 40°C

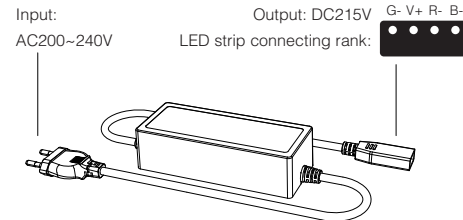
Working Humidity: 20 ~ 95%RH, non-condensing

Storage Temp., Humidity: -30 ~ 85°C, 5~95%RH

Control Distance: 30m



Connection diagram



Dynamic Mode Sheet

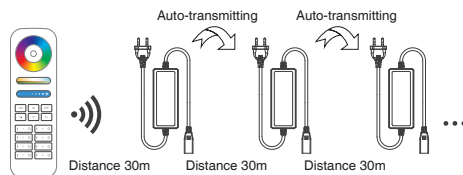
Number	Dynamic Mode	Brightness & Speed & Saturation
1	Mardi Gras	Adjustable
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	
6	American	
7	Fat Tuesday	
8	Party	
9	Slow Color Splash	

Switch-OFF to change color instruction

Switch OFF (for 3 seconds); Switch-ON again	Switch-OFF (for over 3 seconds); Switch ON again
Switch the colors and dynamic modes in turn <ol style="list-style-type: none"> 1. Static Red 2. Static Green 3. Static Blue 4. Static Yellow 5. Static Cyan 6. Static Purple 7. Static Cool White 8. Static Warm White 9. Mardi Gras 10. Automatic color change 11. Sam 12. Gemstone 13. Twilight 14. American 15. Fat Tuesday 16. Party 17. Slow Color Splash 	Status before Switch OFF

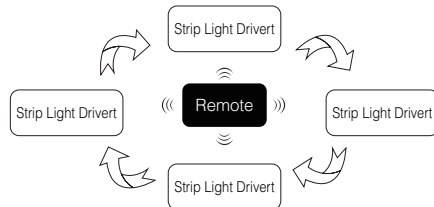
Auto-transmitting Diagram

One strip light driver can transmit the signals from the remote control to another strip light driver within 30m, as long as there is a strip light driver within 30m, the remote control distance can be limitless.



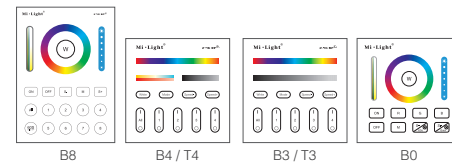
Auto-synchronization function

Different strip light driver can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and with same speed, and within 30m distance.



Link/Unlink

Compatible with these remote controls (Purchased separately)



NOTE:

Lighting can be working after linking with remote;
for more details, pls read the remote instruction.

Attention

1. Please check whether the input voltage supply is in accordance with the strip light driver.
2. Non-professional user cannot dismantle the strip light driver directly, otherwise, it may and electric shock.
3. The working temperature is -10~40°C; do not use the device to direct sunlight, moist and other high temperature area.
4. Please do not use strip light driver around the mental area and high magnetic field, otherwise, it will badly affect the control distance.



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