

## RGBW iron case amplifier



**AP-A16**

The RGBW iron case amplifier is suitable for PWN-controlled LED controllers, which can amplify the power of the LED controller, and can connect double to triple the number of LED lights for each additional expander, and can be cascaded, theoretically unlimited power expanders can be connected. It is convenient for the unified control of LED lamps with different voltages, high power and low power. Whether it is our product or other company's products, as long as it is PWN controlled and the voltage is appropriate, you can use this series of power extenders. The use of high-speed lotus root design can achieve extremely low delay time to ensure that multiple units are synchronized with the host when they are cascaded.

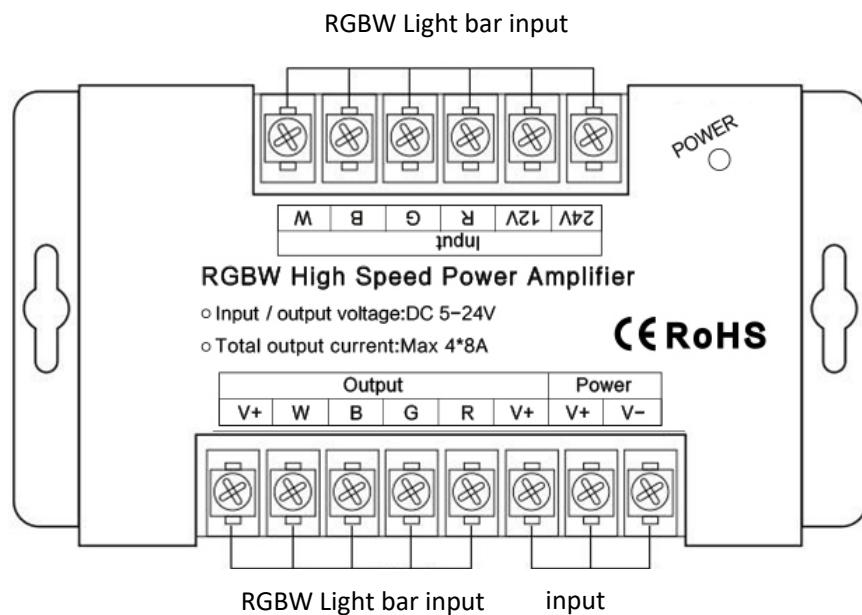
### Product Applications

1. Interior decoration: clubs, bars, corridors, rooms, hotels, clubhouses, museums, etc
2. Outdoor decoration: squares, commercial buildings, parks, scenic areas, night scenes, etc

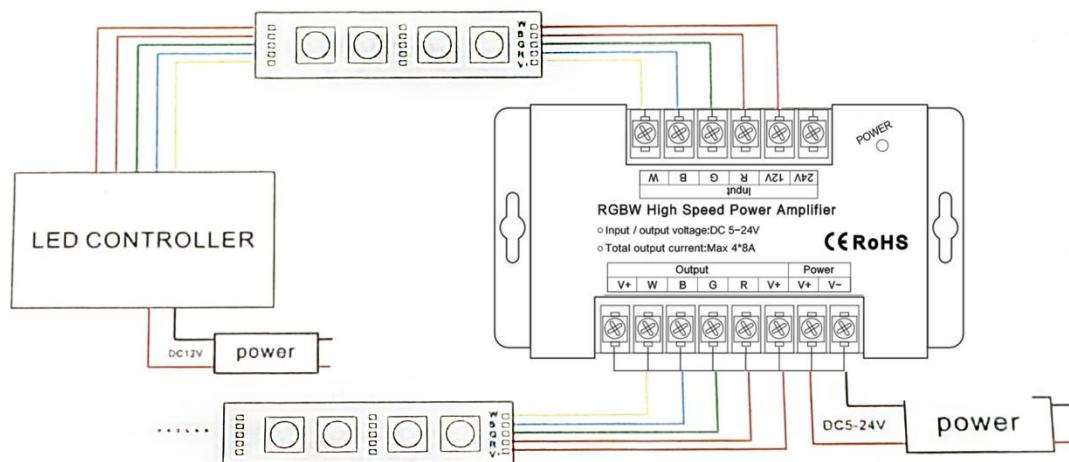
### Product parameters

Supply voltage	DC5-24V
Output power	5V<160w, 24V<384W
Enter the signal	PWM dimming signal
Dimming range	0.1%-100%
Output current	<32A
Static power	<1W
Connection	anode
Operating temperature	-20-60

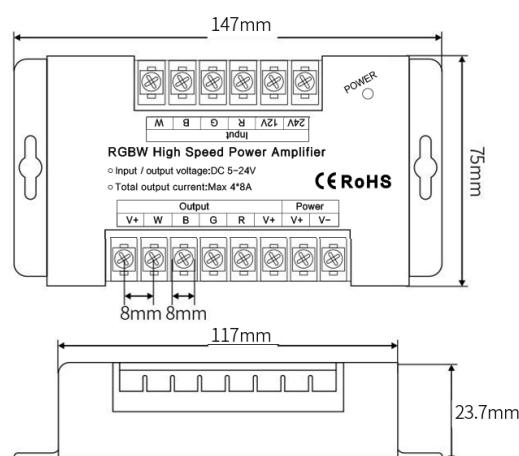
## Product feature description



## Product link diagram



## Product dimensions



## Package size



PARAMETERS	SIZE/CM	G.W./KG
1PCS	15*8*2.9	0.26
50PCS	37*34*22.5	13.5

## Safety and precautions

- Please debug and install this product by professionally qualified personnel.
- This product cannot be waterproof, need to avoid sun and rain, if installed outdoors, please use a waterproof box.
- Good heat dissipation conditions will prolong the service life of the LED controller, please install the product in a well-ventilated environment.
- Please do not install and use such products in lightning and thunder, strong magnetic fields or high voltage occasions.
- Please check whether the output voltage of the LED power supply used meets the requirements of the product voltage range.
- The diameter of the wires used must be large enough to load the connected LED luminaires, and ensure that the wiring is secure to avoid accidents caused by overheating or poor contact of the wires.

- Before power-on commissioning, make sure that all wiring is correct to avoid damage to the lamp due to miswiring.