

User Manual

— Amplifier



AP-A19/DIM



AP-A20/CCT



AP-A12/RGB



AP-A21/RGBW

This product is developed to extend and expand the power of the controller. When used in conjunction with a PWM dimming controller, it can meet the application requirements of extending the length of the light strip and increasing the number of LED lamps.

Parameter

Output current: <math>< 6A/CH</math>

Power supply voltage: DC12V-24V

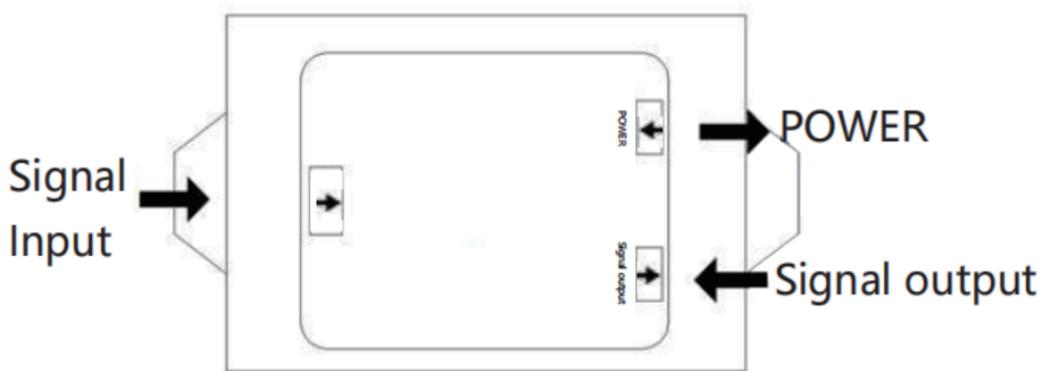
Operating Temp : -20°-60°

Output power: 12V: <math>< 144W</math>, 24V: <math>< 288W</math>

Net weight: 100g

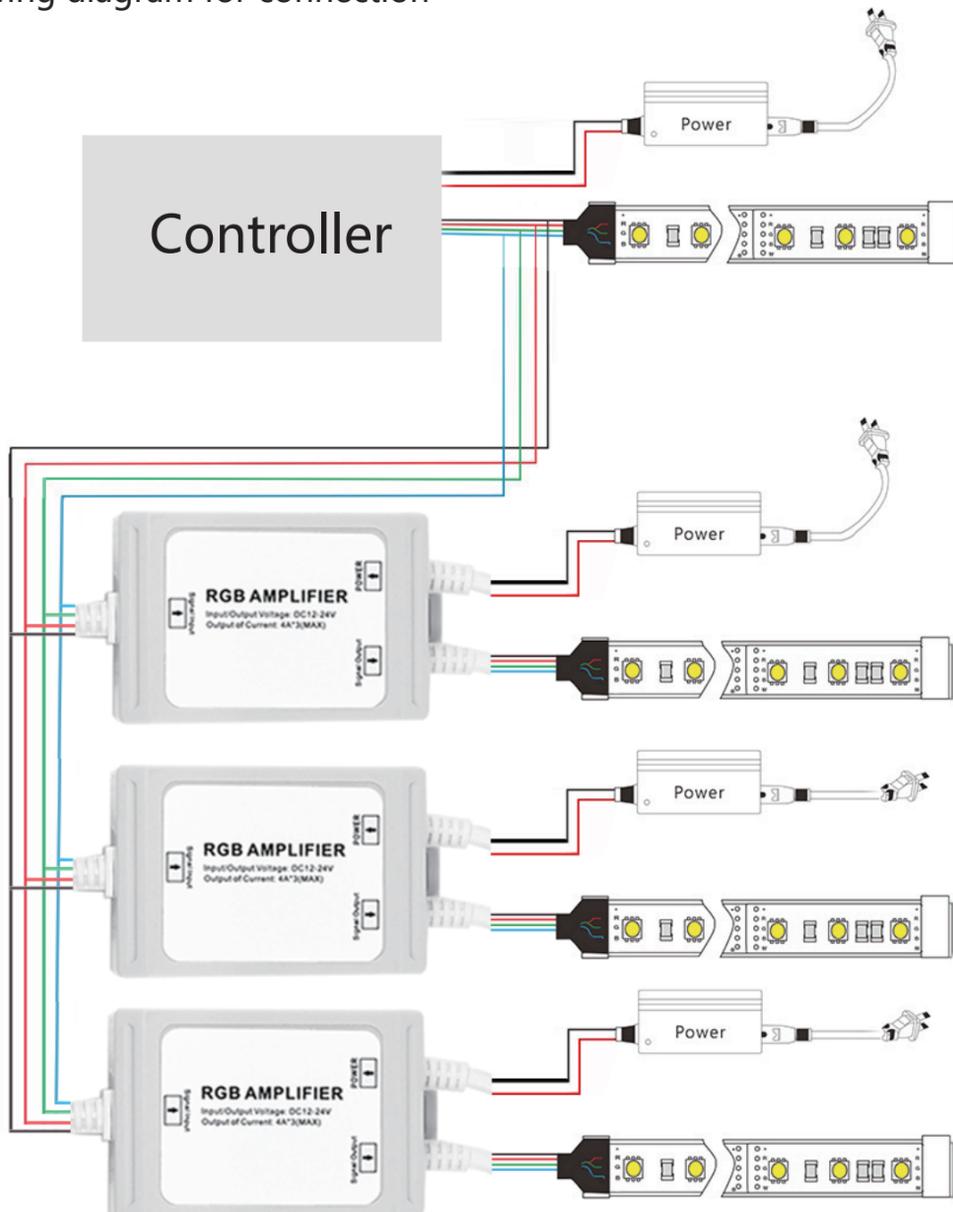
Controller size: L95 × W53 × H30mm

Interface Description



Connection diagram

According to the silk screen prompts on the RGB amplifier panel, connect the input and output signal wires in order to ensure that there is no short circuit between the wires. Then, connect the RGB amplifier to the power supply. For specific use in conjunction with LED control, please refer to the following diagram for connection



Warning

1. Supply voltage of this product is DC12-24V, never connect to AC110V or AC220V
2. Never connect two wires directly in case of short circuit.
3. Lead wire should be connect the correctly according to colors that connecting diagram offers.
4. Warranty of this product is one year, but exclude the artificial situation of damaged or overload working.