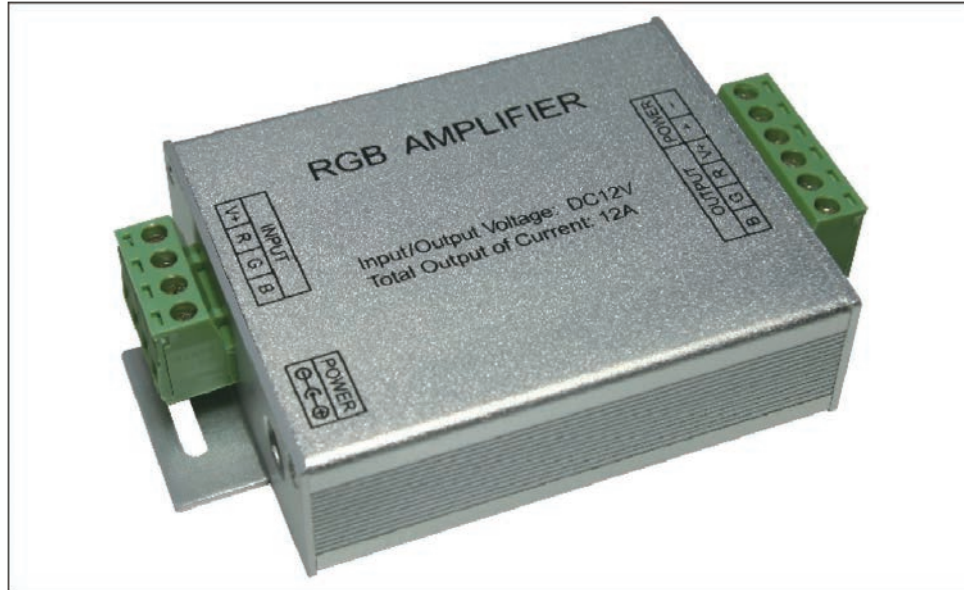


OPERATING INSTRUCTIONS FOR LED-RIBBON-RGB-AMP



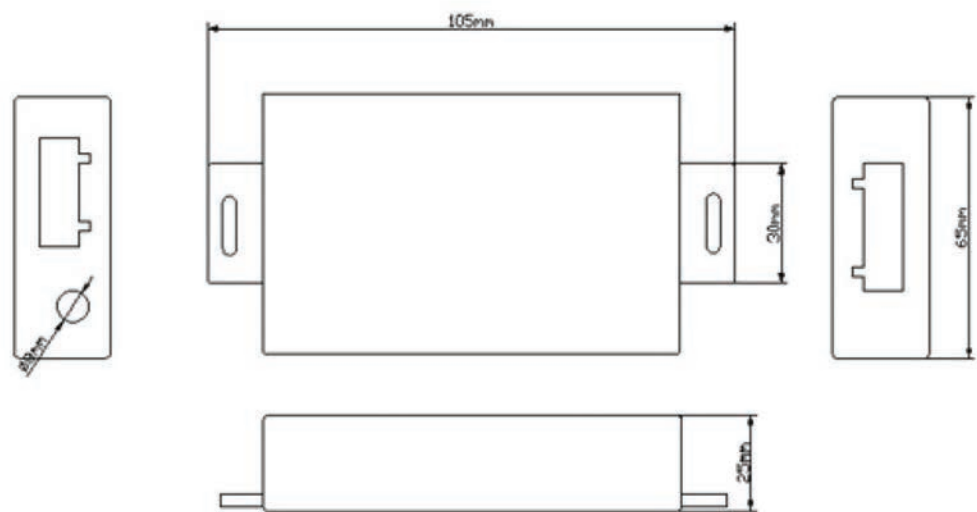
SUMMARIZATION

RGB amplifier applies to all the voltage-controlled LED controllers in our company. It can receive PWM (Pulse Width Modulation), each time add one RGB amplifier, the connecting number of LEDs will be more than twice. In theory, numerous RGB amplifiers can be connected.

TECHNICAL PARAMETERS

- Working Temperature: -20-60°C
- Supply Voltage: DC5V, 12V, 18V, 24V (optional) [Specify the required voltage when ordering]
- Output: 3 channels
- Connecting Mode: Common anode
- External Dimension: L 105 x W 65 x H 25mm
- Packing Size: L 122 x W 85 x H 42mm
- Net Weight: 115g
- Gross Weight: 145g
- Static Power Consumption: < 1W
- Output Current: < 4A (each channel)
- Output Power: 5V: < 60W | 12V: < 144W | 24V: < 288W

External Dimension



Interface Specifications

Power Input Interface 1:



Attach conventional DC power transpose on power input interface.

Power Input Interface 2:



Attach male and female connectors with a screw.

Signal Output Interface:



Attach male and female connectors with a screw.

Signal Input Interface:



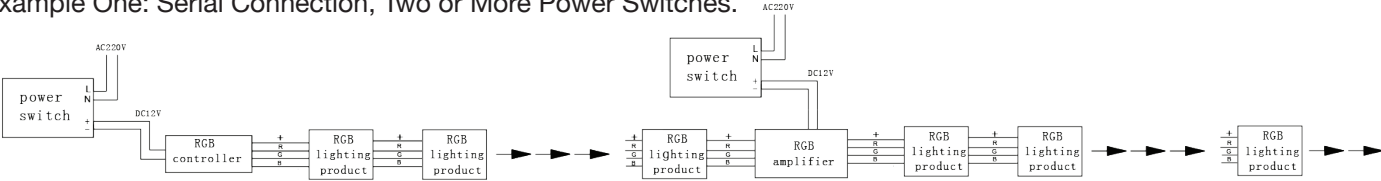
Attach male and female connectors with a screw.

Directions For Use

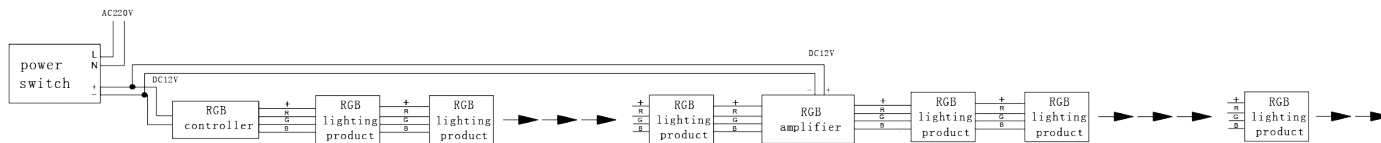
According to the silk-screen prompts on the panel of the RGB amplifier, connect the input and output signal wires in order to ensure a short circuit can not occur between wires. Connect the power for the RGB amplifier. The RGB amplifier goes hand-in-hand with the LED controller. Pleas refer to the following:

Technical Application

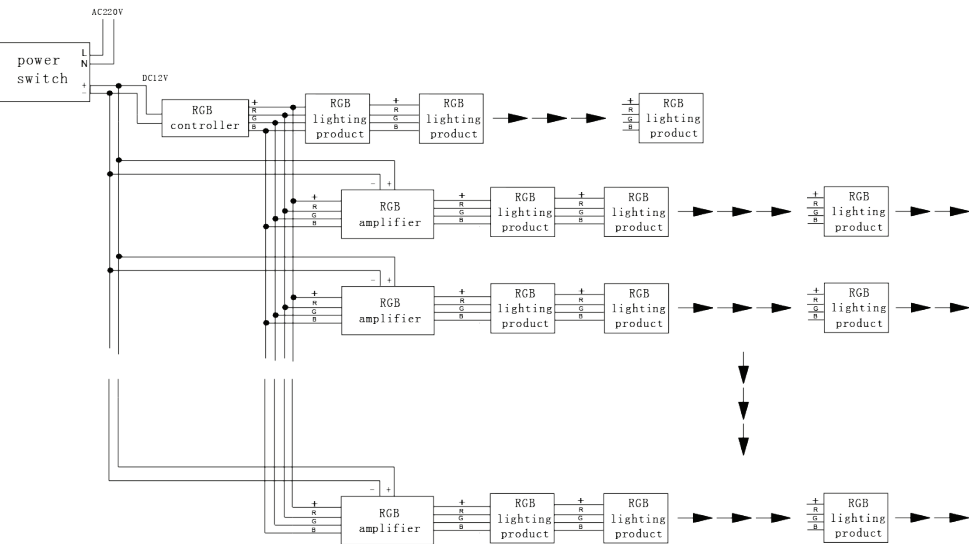
Example One: Serial Connection, Two or More Power Switches.



Example Two: Serial Connection, One Power Switch.



Example Three: Parallel Connection, One Power Switch.



Example Four: Parallel Connection, Two or More Power Switches.

