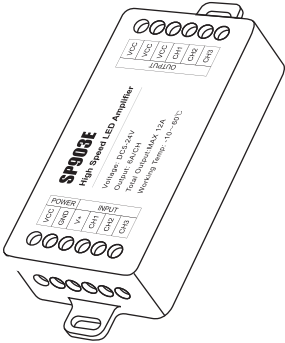


INSTRUCTIONS

SP903E High-Speed LED Amplifier



SP903E is a high-speed LED amplifier with fast signal transmission capability. It is capable of processing and transmitting high-speed PWM signals while ensuring the real-time and accurate of the signals. It can help optimize and enhance the performance and functionality of LED lighting control systems, expanding the range of lighting control.

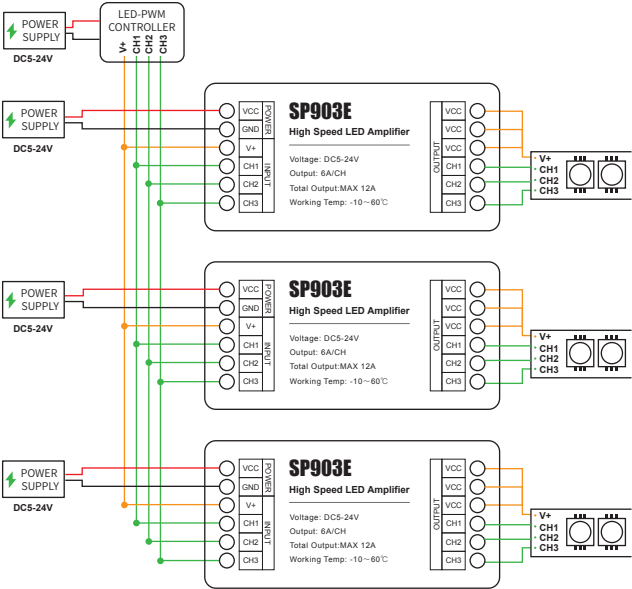
Features

- 1.Wide voltage input range of DC 5-24V with reverse connection protection for the power supply.
- 2.Compatible with 5-24V PWM signal input and output, with different input and output voltages.
- 3.High-power MOS output with high load capacity.
- 4.Independent design for each channel, can be used independently or in combination.
- 5.Able to handle and transmit high-frequency PWM signals up to 30KHz, achieving precise light control.

Technical Specifications

|  |                |
|--|----------------|
| Operating Voltage                          | DC5V~24V       |
| Operating Current                          | 16mA~40mA      |
| Maximum Output Current per PWM Channel     | 6A             |
| Maximum Output Current of the Whole Device | 12A            |
| Operating Temperature                      | -10°C~60°C     |
| Controller Dimensions                      | 98mm*42mm*20mm |

Common Wiring Methods----Method 1



Common Wiring Methods----Method 2

