

Signal Amplifier, DC 5V–24V Wide Voltage, 5V TTL Compatible, Cascadable

OVERVIEW

The C-SP3-AM-4 is a TTL signal amplifier designed to extend or boost 5V TTL control signals in LED lighting systems and similar electronic applications. It is suited for use in installations where signal integrity must be maintained over longer runs or across multiple output branches.

The amplifier accepts a wide input voltage range of DC 5V to 24V, providing flexibility across different power supply configurations. It is compatible with all standard 5V TTL signals and supports cascading, allowing multiple units to be connected in series for extended signal reach. Note that input and output voltages are equal; if connected LEDs are not compatible with the output voltage, they must be powered separately with the negative electrode tied to the amplifier's GND. For high-current loads, an additional power supply may be required.

SPECIFICATIONS

Input voltage	5-24 V
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