



4-Channel PWM Power Amplifier, DC 5-24V Input, 8A per Channel Output

- Four independent output channels for multi-zone control
- DC input range of 5-24V for flexible power supply compatibility
- Delivers up to 8A of output current per channel
- High-speed PWM signal processing for time-critical applications
- Backed by a 1-year manufacturer warranty

OVERVIEW

The C-AM4-384 is a 4-channel PWM power amplifier designed for high-power signal amplification in commercial and industrial LED lighting control systems. It accepts DC input voltages ranging from 5 to 24V, allowing compatibility with a range of standard power supply configurations used in lighting and signage installations.

Each of the four channels delivers up to 8A of output current, supporting high-power loads without signal degradation. The unit is built for high-speed PWM processing, making it suitable for time-critical control applications where consistent signal integrity and fast response are required.

The amplifier is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Operating Voltage 24 V

Current Draw 8 A

ORDERING

Warranty 1 y

APPLICATIONS

- LED strip amplification for extended runs
- Architectural and cove lighting control systems
- Signage and display lighting expansion
- RGB/RGBW lighting control networks
- High-power LED array driving

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	db	high
current_draw	8 A	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.