

5-channel high-performance amplifier



Product code:

Reference: 92064-PA5

Technical specifications:

REFERENCE:

Nominal Voltage: DC 12 -24V

Certifications: CE - ROHS

Temperature Range (°C):

Number of Channels:

Product short description:

The high-performance 5-channel amplifier is compatible with the Mi-Light / MiBoxer series drivers and all PWM LED drivers on the market. This device fully and synchronously replicates the signal of the main driver, ensuring uniform illumination. With high current MOSET output and a high speed (10 Mbps) optical coupler, it ensures high power and fast signal transmission. Ideal for expanding the capacity and improving the performance of LED lighting systems.

Product description:

High-performance 5-channel amplifier

The high-performance 5-channel amplifier is an advanced device designed to enhance and expand the control capability of LED lighting systems. This amplifier is compatible with Mi-Light / MiBoxer series controllers and all PWM-type LED controllers available on the market, making it extremely versatile and adaptable to a wide range of lighting applications.

Key features: Comprehensive compatibility:

Mi-Light / MiBoxer Series: Works seamlessly with controllers from these series, allowing seamless integration with existing systems.

PWM-type LED Controllers: Compatible with any LED controller using Pulse Width Modulation (PWM), thereby expanding its applicability to various lighting environments.

Full and synchronized output:

This amplifier has the ability to accurately replicate the main controller signal, ensuring that all connected lights operate uniformly and without desynchronization.

High output power:

High-current MOSET output: Equipped with MOSET transistors capable of handling high currents, ensuring high-power output and optimal performance.

Ideal for applications requiring high power and signal output precision.

High-speed Optical Coupler:

Uses a high-speed optical coupler with an output rate of 10 Mbps, ensuring fast and efficient signal transmission. This is crucial for maintaining signal quality and immediate response in complex lighting systems.

Benefits of using this amplifier:

- Capacity expansion: Allows for significant expansion of the LED lighting system capacity, surpassing the power limitations of individual controllers.
- Lighting uniformity: Ensures uniform and fluctuation-free lighting at all controlled points, improving the visual quality of the environment.
- Reliability and durability: Designed to provide reliable and durable performance, even in high-demand applications.
- Easy integration: Its broad compatibility and synchronization capability make it easy to integrate into existing lighting systems without the need for significant modifications.

This high-performance 5-channel amplifier is an ideal solution for lighting professionals and enthusiasts looking to optimize and expand their LED lighting systems with a reliable and high-performance device.

Additional images:

Technical Datasheet

