



Overview

Our cutting-edge DMX Sub-Controller, is designed to revolutionize your lighting control. This device boasts a DMX input port, easy DMX start address configuration, and a single output channel for precise RGBW color management. Enjoy smooth dimming and fading, dynamic color mixing, and full compliance with DMX512-A standards for flawless interoperability.



With its robust construction this sub-controller also ensures safety with overload and short-circuit protection. Elevate your lighting experience with our reliable and versatile DMX Sub-Controller.

Functions & Features

Control of RGBW Colors Through a Single Output Channel

- Provides control over intensity, brightness, dimming, and fading, allowing for the generation of diverse RGBW lighting effects.

Electronically Programmable DMX Channel Capabilities

- Allows for easy programming of DMX channels through an external programmer, providing flexibility and ease of control. This feature eliminates issues associated with DIP switch settings found in other controllers, ensuring hassle-free setup and configuration.

Seamless Interoperability with Other DMX Devices

- Ensures smooth operation and compatibility with other DMX devices, supporting the daisy-chaining of multiple DMX decoders.

Well-Suited for Indoor and Outdoor Settings

- Designed for versatile use in both outdoor and indoor environments, ensuring durability and reliability in various conditions, rain or shine.

Emulating LED to Identify Output LED Colors

- Features an emulating LED function to identify the output LED colors, providing a convenient way to visualize and confirm the color output during setup and operations.

Overload Protection and Short-Circuit Protection

- Safeguards both the decoder and the connected fixtures, ensuring safe and reliable operation.

Compatible Power Supplies

	Power Supply Part Number	Output Watts	Input Voltage	Output Volts DC
12V	ACV125-120-277V	60W	120-277	12.0
	ACV2125-120-277V	120W (60 + 60)	120-277	12.0
	ACV3125-120-277V	180W (60 + 60 + 60)	120-277	12.0
	CVW125-120-277V**	60W	120-277	12.0
	CVW2125-120-277V**	120W (60 + 60)	120-277	12.0
	CVW3125-120-277V**	180W (60 + 60 + 60)	120-277	12.0
24V	CV244-120-277	96W	120-277	24.0
	CVW244-120-277**	96W	120-277	24.0
	CVW2244-120-277**	192W (96 + 96)	120-277	24.0
	CVW3244-120-277**	288W (96 + 96 + 96)	120-277	24.0

Specifications

Operating Temperature.....	-20°C ~ 55°C
Protection Class.....	IP65
Voltage.....	DC 12V / 24V class 2 power supply
Rated Power.....	60W for 12V DC / 100W for 24V DC
Signal In.....	DMX512 channels: 4
Dimensions (LxWxH).....	3.8" x 2.48" x 0.78"
Packaging.....	Single unit in a box: 6" x 4" x 1.5"
Warranty.....	5 Years
Certifications.....	cULus certification
Part Number.....	ACL-SC-DMX

