

LED-CV4

LED by Design



Controlling LED fixtures has always been fraught with problems when coupled with inadequate drivers.

Low cost/low quality devices generally become the weakest link in a system design causing major problems for installations where reliability is essential. The LED-CV4 was developed to provide the market with an affordable, professional-quality LED driver that excels with industry best 16-bit dimming, delivering stepless dimming cross the entire range from 0% to 100%; even when controlled by an 8-bit DMX512 controller.

Each output is independently monitored for load and automatically shuts down in the event of an overload, then self-resets when the fault is cleared – no more replacing fuses. The LED-CV4 can output up to 4 channels x 5A

with a 100% duty cycle, at either 12V or 24V, providing a significant cost saving where large amounts of LEDs are required.

Full device configuration and monitoring is available over Remote Device Management (RDM) and software updates can also be rolled out over RDM using the standard DMX cabling infrastructure. Control by LSC's Houston X will allow remote monitoring, configuration, fault reporting, system logging and auditing of the LED-CV4 on Windows and Mac computers as well as Android and iOS tablets. Perfect for large scale installations!

Order Code

LED/CV4 LED-CV4 Dimmer – 4ch x 5A, 12V/24V, DMX/RDM, DINrail mount

Features

- > 4 channel x 5A constant voltage PWM dimmer
- > DMX input and thru connections via provided RJ45 or push-fit connectors
- > Dimmed outputs via push-fit connectors
- > Remote configuration and monitoring via Houston X
- > Configuration, monitoring and software upgrades via RDM
- > 8-bit or true 16-bit dimming per channel, set over RDM
- > Proprietary smoothing algorithm for stepless dimming on 8-bit control
- > Short circuit protection per output with auto-reset
- > DMX512 addressing via front panel encoders or via RDM
- > 100% duty cycle rated for each output at either 12V or 24V
- > CE (European) and RCM (Australian) approved
- > Two-year warranty
- > Designed and manufactured in Australia by LSC – an Australian-owned company with over 30 years' experience in developing world-first DMX512 products

Hardware

Dimensions: 88mm (w) x 104mm (d) x 59mm (h)

Weight: 165g

Technical specifications

- > Standard TS35 DINrail-mounting
- > Power input is 9-24V DC reverse polarity protected
- > Power input connection via 2-pole push-fit terminals
- > DMX512-A (E1-11) and RDM (E1-20) input and thru connections via RJ45 and 3-pole push-fit terminals
- > Dimmed output connections via 2-pole push-fit terminals
- > Variable frequency output between 1–4kHz
- > Real time monitoring of loads, accurate to 100mA, reportable via RDM or Houston X
- > No-load detection per output reportable via RDM or Houston X



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