e:cue
LIGHTING CONTROL

DMX2CC 12 channel

e:cue Interfaces

Lighting applications are heterogenous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

DMX2CC

The DMX2CC enables DMX control of high-power LEDs (1W and 3W) using a constant current dimming method, ensuring flicker-free and smooth dimming, especially for environments such as television studios. A DMX out-port repeats and amplifies the DMX signal for convenient daisy-chaining in projects where one DMX input signal must be distributed among several of these devices. Additionally, a self-diagnostic test function prevents damage to the unit and LEDs caused by incorrect wiring, open or short circuit, and overheating. DMX2CC is easily set up with auto and manual DMX addressing modes, and conveniently mountable inside equipment racks using standardized 35 mm wide DIN rail.

Key features

- Standard DMX512 control of 1 W or 3 W LEDs with DMX auto and manual addressing
- Flicker-free smooth fade control with continuous current output
- High efficiency (up to 95%)
- LCD menu for manual control
- Self-diagnostic feature prevents damage to the unit and to the LEDs
- Line, thermal and circuit protection
- Max. current output adjustable from 50 ... 700 mA

Delivery scope

	Item code
• DMX2CC 12ch Setup manual	AA5700501IL

Optional accessories

	Item code
• Power supply 120 W/48 V	AA5574100HA
• Power supply 240 W/48 V	AA5574200HA
• Power supply 480 W/48 V	AA6665700HA

Technical data

Dimensions (W x H x D)	272 x 75.4 x 58.5 mm 10.71 x 2.97 x 2.3 inch
Weight	0.75 kg / 1.65 lbs
Power	24 ... 48 V DC max. 9 A
Quiescent current (no load)	24 V: 140 mA 48 V: 80 mA
Operating temperature	-10 ... 40 °C/14 ... 104 °F
Storage temperature	-20 ... 70 °C/-4 ... 158 °F
Operating humidity	20 ... 90%, RH, non-condensing
Protection class	IP-40
Housing	Anodised aluminium and plastic
Certificates	CE, FCC, TUV, UKCA
Input	DMX512 (RJ45)
Outputs	DMX512 (RJ45) for chaining multiple devices 12 output channels (screw terminals)

Dimensions

All measures in mm/inch

58,5 mm / 2.3"

75,4 mm / 2.97 "

272 mm / 10.71"

75,4 mm / 2.97 "