

DMX2CC Dimmer 4CH



Highlights

- 4 channel DMX / RDM constant current dimmer (common anode)
- Wide power input range from 12 ... 48 V DC
- Constant current output, 100 ... 700 mA (with 10 mA increment) selectable via buttons on the device or RDM
- DMX addressing via buttons on the device, RDM or auto-addressing mode
- DMX channel number adjustable from 1CH ... 4CH (DMX footprint)
- Output dimming curve gamma level adjustable from 0.1 ... 9.9
- DMX signal input and output are isolated and surge protected
- Predefined programs & standalone mode

Delivery Content

Identcode

- | | |
|---------------------------|---------------|
| • e:cue DMX2CC Dimmer 4CH | CL23100280155 |
| • Welcome note | |
| • Instructions | |

Product specifications

Dimensions (W x H x D)	170 x 53.4 x 28 mm / 6.69 x 2.09 x 1.1 in
Weight	170 g
Power input	12 ... 48 V DC (4-pin terminal)
Max. input current at "power input"	3.2 A
Operating temperature	-20 ... 50 °C / -4 ... 122 °F
Storage temperature	-40 ... 85 °C / -40 ... 185 °F
Operation / storage humidity	5 ... 95% RH, non-condensing
Mounting	with key hole on any stable vertical surface
Protection class	IP20
Housing	PC
Certificates	CE, UKCA, RoHS, UL Listing pending

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.

Interfaces

Input	1 x DMX512 / RDM (3-pin terminal), isolated, surge protected
Outputs	1 x DMX512 / RDM (3-pin terminal) for chaining multiple devices (max. 256), isolated, surge protection 4 x constant current channel (5-pin terminal) + connector: identical to input voltage - connector: low side switch
Output current	100 ... 700 mA per channel, selectable with 10mA increment
Output voltage	3 ... 12V @ 12V input, 3 ... 24V @ 24V input, 3 ... 48V @ 48V input
Output power	1.2 ... 25.2 W @ 700 mA per channel
Output dimming curve gamma	0.1 ... 9.9
Always select the power supply output voltage accordingly to your LED fixture input voltage!	
	12 V PSU for 12 V LED 24 V PSU for 24 V LED 48 V PSU for 48 V LED
User interfaces	4 x button, display

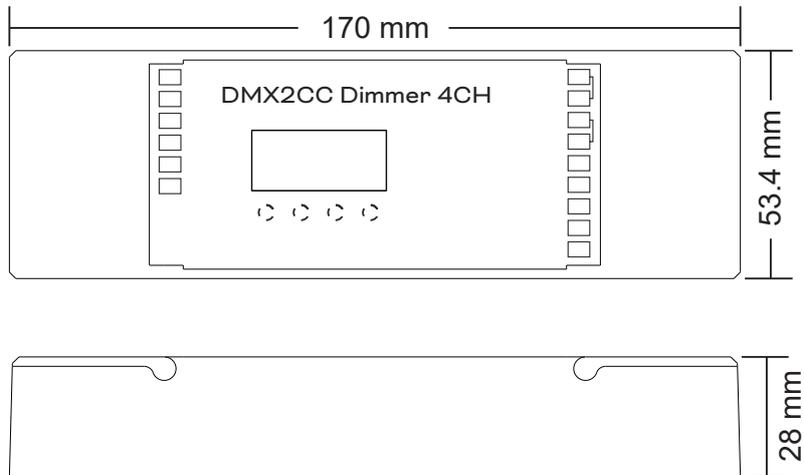
Terminals

Connection type	Spring terminal connectors
Wire size solid core, stranded wire with end ferrule	0.5 ... 2.5 mm ² (AWG20 ... AWG13)
Stripping length	6 ... 7 mm / 0.24 ... 0.28 in
Tightening / release of wire	Push mechanism



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Dimensions



Supported RDM PIDs:

DISC_UNIQUE_BRANCH
DISC_MUTE
DISC_UN_MUTE
DEVICE_INFO
DMX_START_ADDRESS
DMX_FOOTPRINT
IDENTIFY_DEVICE
SOFTWARE_VERSION_LABEL
DMX_PERSONALITY
DMX_PERSONALITY_DESCRIPTION
SLOT_INFO
SLOT_DESCRIPTION
OUT_RESPONSE_TIME
OUT_RESPONSE_TIME_DESCRIPTION
HOLD_LAST_FRAME
MANUFACTURER_LABEL
MODULATION_FREQUENCY
MODULATION_FREQUENCY_DESCRIPTION
RESOLUTION
CURVE
CURVE_DESCRIPTION
SUPPORTED_PARAMETERS
STARTUP_BEHAVIOR
CURRENT_CH1
CURRENT_CH2
CURRENT_CH3
CURRENT_CH4
AUTO_PATCH_SWITCH
AUTO_PATCH_ADDR