

C1 EXTENDED

The C1 Extended controller provides a user-friendly programming experience with full functionality on any device (phone, tablet or computer). The smallest controller of its kind lets you easily control individual pixels in smaller lighting products. With a simple menu and wireless configuration, the C1 Extended controller can be programmed with 8 bit or 16 bit dimming. Quickly create seamless loops, color scrolls and fade effects. Compatible with DMX, SPI (Serial Peripheral Interface), 0-10V and Art-Net.

- 1 universe (Control up to 512 channels)
- Program individual pixels
- Small form factor fits in palm of your hand
- Flexible operating voltage (5 – 48V DC)
- Choose 8 bit or 16 bit dimming
- Daisy chain controllers for larger projects
- Supports 60 SPI protocols
- SD card for triggers, scenes and settings
- Lifetime software license
- Built-in WiFi chip ensures effortless maintenance and updates
- IP40 for indoor use only
- Rail mount or wall mount with screws
- 5-year warranty



ORDERING GUIDE

Category	Channel Option
CTRLPIXEL	1
CTRLPIXEL - C1 Extended Controller	1 - 1 universes (1 x 512 channels)

Accessories

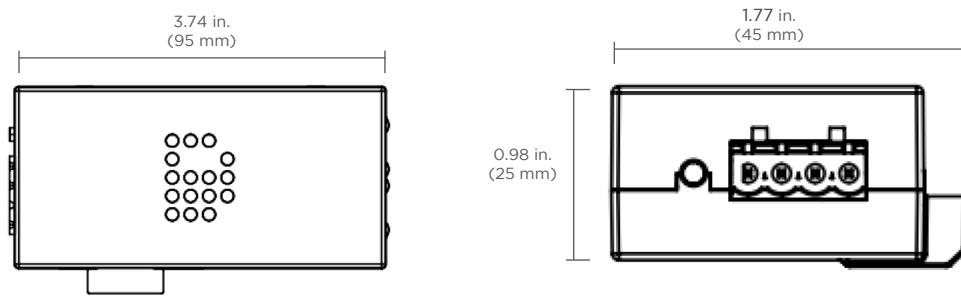
DigiDot Din-rail mounting clip Part #: DIGIDRMC	DigiDot RJ45 DMX Adapter Part #: DIGIRJ45DMXADP	DigiDot USB Power Cable (included accessory) Part #: DIGICBLUSB
DigiDot TRRS Trigger Cable Part #: DIGICBLTRRS	DigiDot RJ45 Network Cable (included accessory) Part #: DIGICBLRJ45	DigiDot 8GB microSD card (included accessory) Part #: DIGISD

SPECIFICATIONS

Input Power	5-48V DC
Power Consumption	5 W
Output Protocol	Art-Net, DMX512, DMX TTL, RDM, SPI, UDP, OSC
Control	Art-Net, sACN, DMX512
Channel Options	1 x 512 ch
Number of Channels	Up to 512 channels
Environment	Indoor use
Operating Temperature	32 – 122 °F (0 – 50 °C)
Standards	ETL, CE, RoHS, UKCA
Dimensions (L x W x D)	3.74 x 1.77 x 0.98 in. (95 x 45 x 25 mm)
Weight	0.16 lb (74 g)
Warranty	5 years

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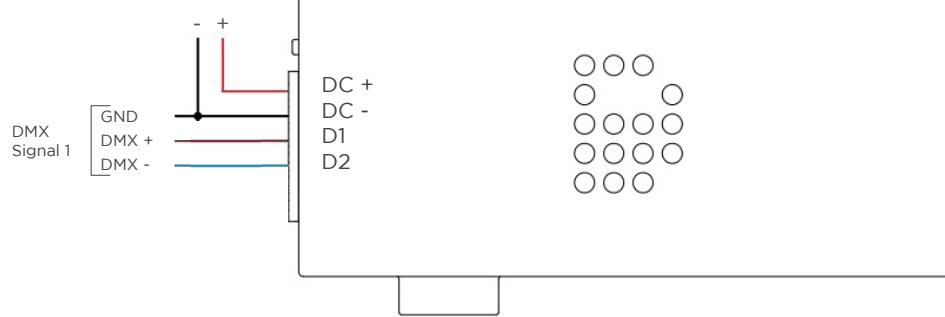
DIMENSIONS



WIRING DIAGRAMS

DMX in/out

Input voltage from external driver
5-48V DC



SPI

Input voltage from external driver
5-48V DC

