



## COLOURDRIVER® XP

DMX CONTROLLABLE 4 CHANNEL LED DRIVER



### FEATURES / BENEFITS

- ▲ 4 independent channels for wider colour gamuts
- ▲ Individually settable max drive current for each channel up to 1000mA
- ▲ IP67 rated for wet environments
- ▲ Universal 90-264VAC, 50/60Hz input voltage
- ▲ Multi-stage thermal protection
- ▲ DMX 512 controllable
- ▲ Constant current output with 0-100% dimming in 255 steps
- ▲ 12VDC@ 100mA power source to run external apparatus such as cooling fan or pump
- ▲ Compliant to EN61000-3-2, EN55015, EN61000-4-4, EN61347-1, EN61346-2-22, EN61047 standards

### OPERATING CONDITIONS

- ▲ Operating ambient temperature -10°C to +50°C
- ▲ Storage ambient temperature -40°C to +100°C
- ▲ Relative humidity 5% - 85% (non-condensing)

See "Colourdriver XP operational instructions" document for complete programming & wiring information. See "XP-current settings" to set the maximum output current per channel (factory preset = 350mA) Documents provided with unit.

### MECHANICAL SPECIFICATIONS

297mm X 198mm X 82mm  
 (11.69" x 7.80" x 3.23")  
 Weight 2.45 kg (5.4 lbs)  
 Input lead wire length 1m (39.37")  
 Mounting holes accomodate max size M5 (or #10) screws

### MATERIALS

Aluminum case with light metallic grey polyester powder coat  
 Waterproof cable glands (4-10mm wire dia)

### APPLICATION

- ▲ Indoor & outdoor architectural lighting
- ▲ Entertainment lighting
- ▲ Theme lighting
- ▲ Bars & nightclubs
- ▲ Signage

### ELECTRICAL SPECIFICATIONS

- ▲ Input voltage 90-264VAC 50/60 Hz
- ▲ Total power consumption max 160W
- ▲ Input current 2.5A max, max inrush current 5A
- ▲ Max LEDs per channel based on max output current setting: (#'s based on LED Vf = 4.1 max):
  - 350mA - 12 LEDs
  - 500mA - 11 LEDs
  - 700mA - 10 LEDs
  - 1000mA - 6 LEDs
- ▲ Max output power 34W per channel
- ▲ Output voltage 10-50VDC per channel
- ▲ Controlled by DMX512 input signal, or use dip switches to select 1 of 38 pre-programmed shows
- ▲ Up to 32 Colourdriver XP units can be linked on one DMX signal

Dialight reserves the right to make changes at any time in order to supply the best product possible.

#### Dialight-Lumidrives Ltd.

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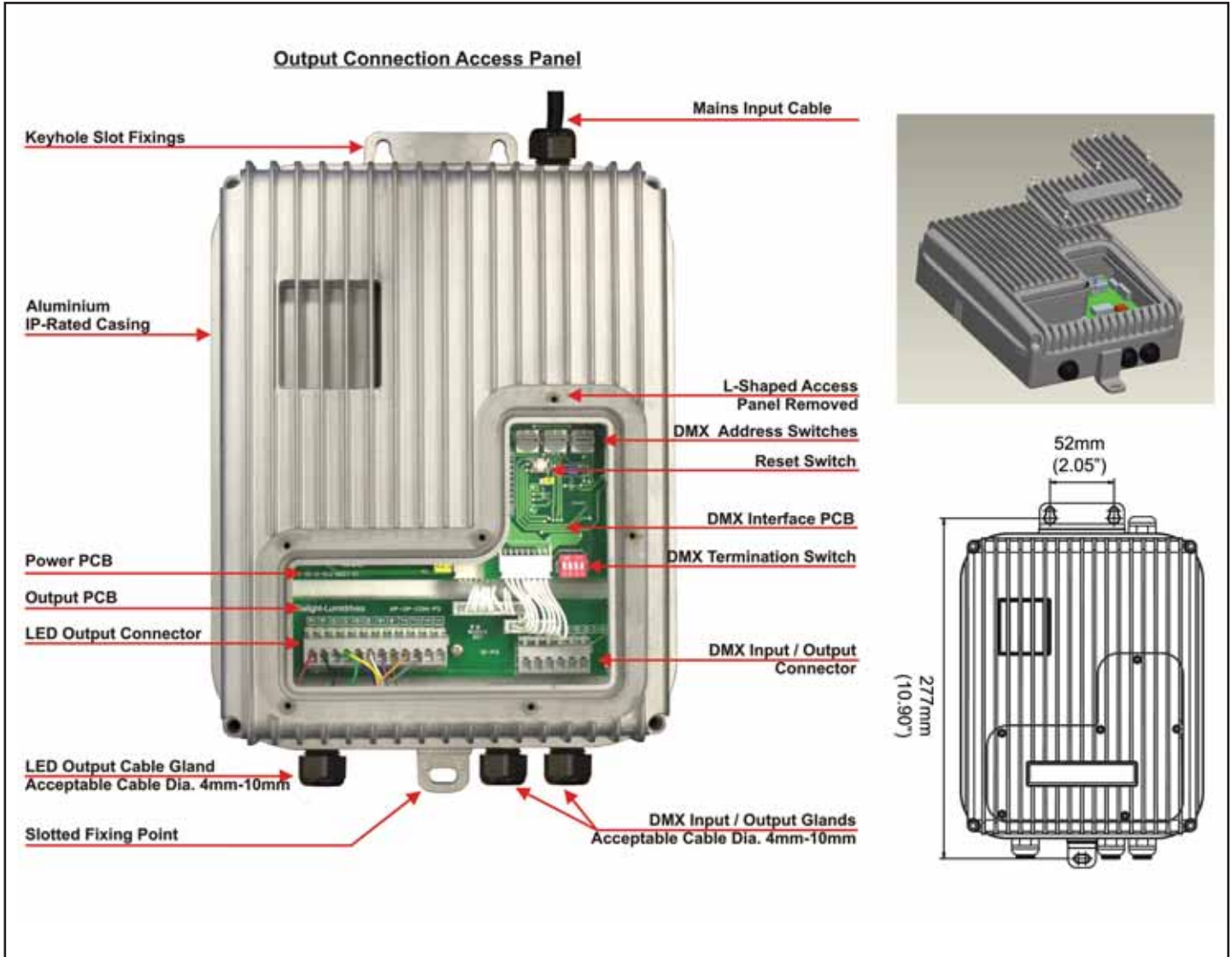
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DRIVER LAYOUT



Note: The min/max wires that the quick connect terminals can accept are wire gauge:  
Min = 0.08mm<sup>2</sup> (0.32mm dia.) Max = 2.5mm<sup>2</sup> (1.8mm dia.)

PART NUMBER

CDU-XP-DMX-CON-IP

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