

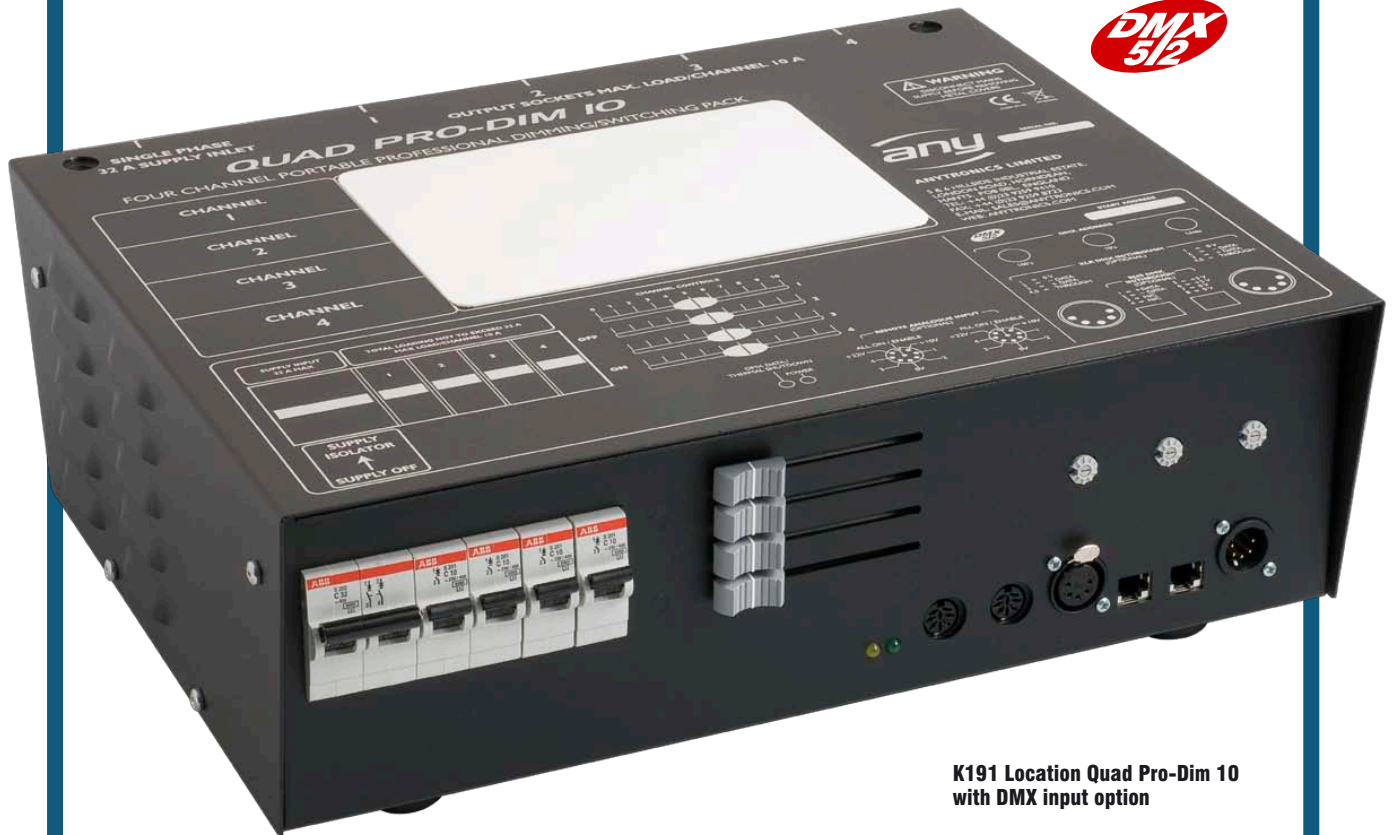


ANYTRONICS.COM

PROFESSIONAL  
Lighting Accessories

## Portable 4 Channel Dimming/Switching Pack

# QUAD PRO-DIM 10



**K191 Location Quad Pro-Dim 10  
with DMX input option**

The Quad Pro-Dim 10 provides four channels of dimming or switching operation in a robust and portable package. With circuit breaker protection on each channel and CEE form input and output connectors, the pack is ideal for studio, marquee or location use. The pack combines hard fired triacs with digital control technology to achieve complete dimming control with no minimum load constraints making it suitable for a wide range of dimming applications from incandescent lamps to motors and cold cathode lighting.

- Portable 4 channel dimming/switching pack with CEE form input and outputs
- Suitable for dimming control of incandescent, resistive, inductive/wound transformer loads, and most dimmable electronic transformers for low voltage or cold cathode lighting
- 10 A per channel capability with C10 circuit breaker over current protection on each channel
- 32A double pole isolator / circuit breaker limits total input current
- Optional RCBO earth leakage input supply protection
- Robust steel construction with insulating feet and carrying handle
- Local level control on four 60mm sliders
- Internal 0-25% Preheat control
- Remote control version K191 with analogue and DMX inputs
- DMX input on both XLR and RJ45 in and through sockets
- Thumbwheel bcd DMX address setting and DMX data LED
- Dual DIN analogue inputs
- Wipe clean channel assignment panel, including marker pen

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Rear view



Front View without DMX

The unit has a 32 A CEE form chassis mounted plug for the input, with four 16 A CEE form chassis mounted output sockets. The input is protected by a 32 A double pole circuit breaker, while the outputs are protected by 10 A single pole circuit breakers.

The lid of the Quad Pro-Dim is larger than the chassis, creating a hood. This offers a degree of protection from moisture and accidental damage to either the breakers or local control sliders.

The Quad Pro-Dim can be truss mounted on two G clamps, if required, through M10 captive nuts which are situated at the back on the chassis and hood.

A thermostatically controlled fan keeps the unit within operating temperature limits and will be brought on as the temperature rises. If unable to maintain correct operating temperature a microprocessor limits channel output levels. Full output is restored when the temperature has been reduced.

The standard product has local control via sliders, but the Quad Pro-Dim can also be supplied with 8 pin DIN sockets for remote analogue control and/or 5 pin or 3 pin XLR and RJ45 sockets for remote control by DMX.

**See our Anyscene and AMD Fader Panel leaflets for products which can be used with the Quad Pro-Dim to provide remote enhanced control.**

## Technical Specification

### INPUT SUPPLY

Single phase connection – live, neutral and earth through 32 A double pole circuit breaker.

Operating Voltage range 215 – 245 V ac, Frequency 46 – 64 Hz.

Electronics protected by 100 mA anti-surge 5 x 20 mm glass fuse.

32 A double pole circuit breaker.

### OUTPUTS

4 channels of either zero voltage switching or phase controlled dimming.

Type C 10 A circuit breaker on all channels.

Rating 10 A rms per channel maximum.

Current rise time > 160 uS

### OPTIONAL CONTROL INPUTS

Merged DMX and analogue control inputs.

DMX control to USITT DMX 512 via XLR and RJ45

Analogue inputs via DIN sockets, 0 to +10 V input control range (full range adjustable between 5 V and 25 V).

### DC OUTPUTS

+ 5 V, 50 mA regulated supply for external equipment on RJ45.

+ 10 V, 10 mA reference supply on DIN sockets.

+ 25 V 50 mA supply for remote desks etc. on DIN sockets.

### OPERATION

Use sliders on the front to set levels. Dimming or switching operation individually selectable for each channel.

Preheat 0-25%.

Electronic ballast setting for electronic loads.

For correct operation and cooling, do not block vents or fan.

Always operate horizontally, whether on the feet or G clamps.

If DMX fitted: Start address from 1 to 511 settable on bcd switches.

If DMX input fails, last level is held indefinitely until DMX input restored.

Test mode : DMX input disabled, and channels can be individually switched from Off to either full On or to 50% dimming.

### INDICATORS

Mains On indicator.

Internal monitor LED indicator per channel.

DMX active LED indicator/thermal.

Breaker tripped indication of overload condition.

### PHYSICAL / ENVIRONMENT

Rugged steel chassis construction.

H x W x D 135 x 410 x 330 mm

WEIGHT 8.6 kg

BOXED 180 x 500 x 410 mm

WEIGHT 10 kg

Recommended ambient operational temperature range 0 – 35°C

### COMPLIANCE

Complies with relevant parts of current CE regulations for EMC: EN50081-1 emissions, EN50082-1 immunity

LVD: EN60439 / EN60950

Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.  
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