

PRO-DIM SERIES



The tough reliable solution for professional dimming.

Anytronics Pro-Dim single channel dimmers are cost effective, easy to install and come with the reliability Anytronics is renowned for worldwide. Superbly finished and designed for complete versatility.

- Suitable for resistive, inductive/wound transformer loads and most dimmable electronic transformers for low voltage or cold cathode lighting.
- Circuit breaker protection.
- Remote analogue input facility.
- Internal maximum level control.
- Internal pre-heat control.
- Emergency lighting terminal.
- Master and slave models.
- Optional DMX 512 input on all models.
- Remote control out stations available.

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Pro-Dim 2.5 Dimmer

The Pro-Dim 2.5 is a 2.5kW single channel highly versatile professional dimming system. It is available in 'master' or 'slave' versions, the master unit being fitted with a 60mm slider and a flash button. The units can be wall mounted, pole mounted or free standing and have a number of output options: Hardwired, 1 x 15A socket, 1 x CEE 17 16A socket, 1 x Double Schuko socket, 1 x Double French socket and 2 x Danish sockets. All models fitted with sockets come complete with 2m mains lead; Schuko, French and Danish models come complete with mains plugs. These models also feature an emergency lighting output terminal for activating emergency lighting equipment. All models come with C13 circuit breaker protection.

Pro-Dim 5 Dimmer

Similar in construction to the 2.5 range, but with 5kW capability, these units are housed in a slightly larger welded metal enclosure. They are also available in master and slave models, the master having a 60mm slider fitted. The dimmers are forced cooled via a thermostatically controlled fan. Output options include hardwired connection and CEE 17 32A inlet and outlet chassis mounted plug and socket.

External Analogue Inputs

The slave versions of the dimmers are intended to be controlled from an analogue voltage level, for example the 0 to +10V output from a lighting desk or similar signal if being used as part of a multi channel system. Alternatively a current limited +10V output is provided for connection to a potentiometer control which can supply the input voltage for the dimmer. Anytronics supply a range of outstations for this kind of connection. The master versions of dimmers provide a variable output for connection to slave units. The master units can also be controlled from an external analogue input.

Pro-Dim 2.5 Location

This unit has similar electronics to the rest of the Pro-Dim range, but is designed primarily for use by film and TV production companies on location. The rugged steel enclosure is fitted with industry standard chassis mounted CEE 17 16A supply in and dimmed output connectors, and has a robust sprung loaded heavy duty handle and feet. Dimming level is set by a rotary control with 0 - 10 scale markings and an LED monitor. For safety reasons external analogue inputs are not available on the Location series. A neon indicates when supply is connected.

DMX512 Option

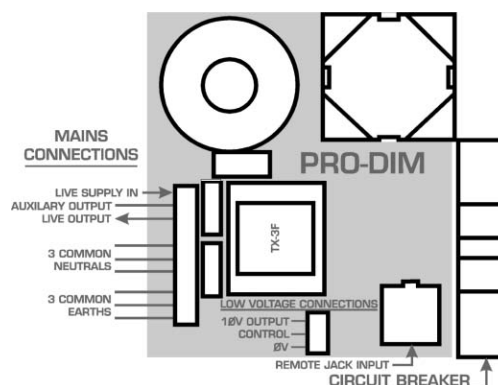
Both master and slave versions of the Pro-Dim 2.5 (including the Location Pro-Dim) can be supplied with the optional DMX512 interface. Connection is via 1 x male and 1 x female 5 pin XLR (in/through). The Pro-Dim 5 can only have the DMX512 option fitted to the slave model, and the connection is via 2 sets of 3 way screw terminals. The DMX address for all models is set by using a binary weighted DIL switch. Using the 10th position of the DIL switch an internal termination resistor may be switched in.

Outstations

Anytronics manufacture a versatile range of outstations (see separate data sheets or website for details).

Low Voltage Controls

A 10V output (current limited to 70mA) is provided to supply one end of a 10K variable resistor the other end of which should be connected to '0V' and the middle (wiper) pin connected to 'control'. This will provide a basic control system for slave units. Equally the 'control' and '0V' terminals could be connected to the 0 to +10V output from a lighting desk or similar signal, if being used as part of the master unit the 'control' terminal should be regarded as an output and can be used to drive a slave Pro-Dim by connecting 'control' and '0V' terminals between the two units.



Specifications

SUPPLY

200 - 240V ac 50/60Hz Single Phase.
100 - 120V ac 50/60Hz Single Phase.

OUTPUT POWER

Pro-Dim 2.5 2.5kW
Pro-Dim 5 5.0kW

CONTROL INPUT

From external source 0 to +25V,
outstations and onboard controls use 0 to +10V range.

DIMENSIONS

Pro-dim 2.5: 180 x 174 x 61mm. Net Weight: 1.7kg. Gross Weight: 2.2kg.

Pro-Dim 5: 243 x 173 x 85mm. Net Weight: 3.1kg. Gross Weight: 3.6kg.

Pro-Dim 2.5 Location: 250 x 158 x 95mm (excluding feet). Net Weight: 2.9kg. Gross Weight: 3.4kg.

COMPLIANCE

Complies with all current relevant parts of current CE regulations for: EN50082-1 for immunity, EN50081-1 for emissions and to EN60439 / EN60950 for safety.

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