

Anytronics Location Pro-Dim 10P

Portable, general purpose single channel 10A dimmer

Operational guide

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1.0 Introduction

Anytronics Location Pro-Dim 10P dimmer is a general purpose, manually controlled, single channel dimmer rated at 10A for use with single phase supplies. The rugged case with insulating feet is ideal for portable use in studios or on location as a 'practicals dimmer' for dimming a wide variety of lighting loads.

Key features of Location 10P dimmer

- Portable dimming control for incandescent, resistive, inductive/wound transformer loads, and most dimmable electronic transformers for low voltage or cold cathode lighting
- Heavy duty case with substantial cover and insulating feet
- C FORM 16A inlet on back panel
- Over current protection using C10 circuit breaker on back panel
- 'Power connected' warning neon on back panel
- C Form 16A outlet on front panel
- 'Dimmer Powered' indication on front panel
- 'Load detected' indication on front panel
- Soft start operation after connecting load to live dimmer
- Recommended minimum load ~5W
- Front panel manual level control

2.0 Operation

Connect a single phase supply to unit on rear CFORM connector. Ensure back panel neon indicates supply connected. Set rear circuit breaker ON, and check that green electronics supply LED on front panel comes on. Connect a suitable load via the front panel C FORM connector, and ensure that the red 'load detected' LED comes on. If the dimmer cannot detect a connected load, this LED will not be illuminated and the dimmer will not function.

Allow free air ventilation around the dimmer body. Should the dimmer begin to overheat, the 'load detected' LED will begin to flash and the dimming level automatically reduce to lower internal dissipation.

3.0 Technical Specification

Supply	: nominal 200-240 Vac, 50/60Hz
Output	: Maximum current 10A limited by C type circuit breaker Minimum practical load ~5W Full load 10%-90% current risetime > 160µs
Controls	: Front panel rotary dimming level control
Indicators	: Power connected mains neon on back panel Electronics supply LED on front panel Load Detected LED on front panel
Function	: Phase cut (leading edge) dimming
Ambient	: (with adequate ventilation) -10 to 35°C
Dimensions	: 270 mm (inc. connectors) x 127 mm x h 110 mm (inc. feet)
Weight	: 2.2 Kg net 2.5 Kg gross
Compliance	: Complies with relevant parts of EN50081-1 emissions EN50082-1 immunity EN60439 / EN60950 LVD