

Portable Dimmers

- 6 Channels
- 1200W per Channel
- 4800 Watts Total Capacity
- 8 Built in Chases
- DMX-512 & LMX-128
- Relay Mode Switchable
- Fuses
- Edison Outputs
- 120V

AS62D
Portable Dimmer



The AS62D is a compact portable 6 channel light dimmer. It has a maximum capacity of 1200 Watts per channel and maximum total load capacity of 4800 Watts. It is supplied with 2 input power cord stubs which may be connected to 2 different 120 VAC power phases. The unit operates using the USITT DMX-512 protocol or an industry standard three wire multiplex protocol. The AS62D may be operated in a relay (non-dim) mode. The unit will also function as a chaser and has several preset chase patterns which may be used.

SPECIFICATIONS

| | | | |
|----------------------|--|---------------------------|-----------------------------|
| Channels: | 6 | Preheat Voltage: | Soft Start Control |
| Channel Capacity: | 1200 Watts per Channel | Response Curve: | Modified Square Law |
| Total Power: | 4800 Watts | Filter Rise Time: | 350 Microseconds |
| Control Protocol: | DMX-512 and 3 Wire LMX-128 | Filter Max. Rate of Rise: | 105 Milliamps / Microsecond |
| Control Connections: | Dual 5 Pin XLR, DMX Dual 3 Pin XLR, LMX | Response Time: | 8.3 Milliseconds |
| Power Requirements: | 120VAC, Two 20 Amp Circuits | Full Load Voltage Drop: | 3 Volts |
| Power Input: | Two Edison Plugs | Conduction Angle Range: | 180 Degrees |
| Frequency: | 50 or 60Hz | Efficiency: | 97% |
| Fusing: | 10 Amp each Channel | Size: | 13.5"L x 8.5"W x 3 3/8"D |
| | | Weight: | 8.5 Pounds |

Architect & Engineer's Specifications

The dimming system shall have 6 circuits with a load capacity of 1200 Watts per circuit. Each circuit is protected by a 10 Amp fast acting magnetic circuit breaker or a 10 Amp fuse. An allowance of 200% overhead capacity is employed in the circuit design. The dimming system shall have a rise time of not less than 350 microseconds. Setup attributes of Dim or Relay, and unit address via the dipswitch controls. The dimming system shall use the USITT standard DMX-512 protocol for direct control of the dimming circuits and/or the Lightronics LMX analog multiplex protocol.

Power requirements of the dimming system shall be 120/208 VAC Single Phase or dual single ended operation, capacity shall be 20 Amps per leg. Load output connectors shall be a user selections of Edison or Stagepin style connector. Input electrical connections are made through 2 pigtailed with connectors determined when purchased. The dimming system is to be mounted using standard lighting equipment clamps.

Dimensions are 13.5"L x 8.5"W x 3 3/8"D; the weight shall be 9 lbs.

The dimming system shall be a Lightronics AS62D.

To view and/or download the Owner's Manual click here: www.lightronics.com/manuals/as62dm.pdf