

Compact Dimming

- 4 Channels
- 600 Watts per Channel
- DMX-512 Control
- Manual Control
- Stand Alone Chaser Mode

AS-40M Compact Dimmer



SPECIFICATIONS

Channels:	4	Addressing:	512 Channels
Load Capacity:	600 Watts per Channel 2400 Watts Total	Control Connections:	Dual 5 Pin XLR Connectors
Control Protocol:	Manual Local / DMX-512	Filter Rise Time:	150 Microseconds
Power Requirements:	120VAC 50/60Hz, 20 Amps	Curve:	Modified Square Law
External Fuses:	5 Amp, 250V each Channel	Response Time:	8.3 Milliseconds
Full Load Voltage Drop:	3VAC	Conduction Angle:	0 - 180 Degrees
Efficiency:	97%	Size:	9"H x 8"W x 2.25"D
		Weight:	3.7 Pounds

Architect & Engineer's Specifications

The dimming system shall have built-in manual control or DMX-512 control and shall have 4 circuits with a load capacity of 600 Watts per circuit. The dimming system is addressable up to 512 channels and has a built-in stand alone chaser mode which provides 8 chase patterns. The dimming system may also be switched to a relay (non dim) mode in groups of 2 channels for ON/OFF control. Each circuit is protected by a 5 Amp fuse. An allowance of 200% overhead capacity is employed in the triac circuit design, 15 Amps per circuit and an overhead of up to 400 Volts per circuit. The dimming system shall have a rise time of not less than 150 microseconds. The dimming system shall use the USITT standard DMX-512 protocol, on a 5 pin XLR type connector for direct control of the dimming circuits.

Power requirements of the dimming system shall be 120VAC single ended operation. Capacity shall be 20 Amps. A microprocessor autosenses line frequency and will operate on 50Hz or 60Hz. Load output connectors shall be of Edison style connectors. Input electrical connections are made through 1 pigtail with connector determined when purchased. The dimming system is to be mounted using standard lighting equipment clamps. All components and sub-systems of the dimming system shall be UL 508 compliant when specified by the user and conform to the standards set forth. Dimensions are 9"H, 8"W, 2.25"D; the weight shall be 3.7 lbs. The dimming system is covered by a 5 year factory warranty.

The dimming system shall be a Lightronics AS-40M.

5 YEAR WARRANTY

The 5 year warranty is valid if the Warranty Registration card is returned to Lightronics, Inc. within 30 DAYS of the purchase date.



509 Central Dr., Virginia Beach, VA 23454. Tel: 757-486-3588 / 800-472-8541.
Fax: 757-486-3391. Visit us online at www.lightronics.com. 090609smh