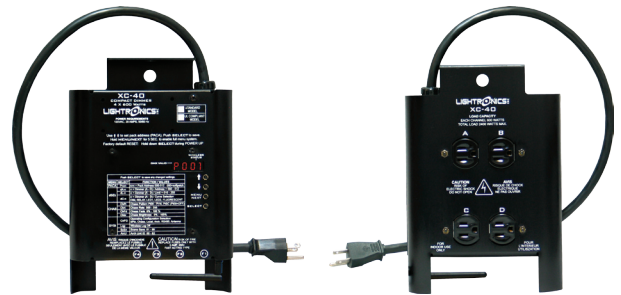


Compact Dimming

- Wireless DMX Capability*
- LED Digital Display
- 4 Channels / 600 Watts per Channel
- DMX-512, Architectural and RS-485 Control
- Individual Softpatch, Curve and Limiting
- Local Control and Stand Alone Chaser Modes

*Wireless DMX is an Option to the XC Series

XC-40 Compact Dimmer



SPECIFICATIONS			
Channels:	4	Preheat Voltage:	Soft Start Control
Channel Capacity:	600 Watts per Channel	Response Curve:	Incandescent Bulbs, LED, Fluorescent, Relay Mode
Total Power:	2400 Watts	Filter Rise Time:	150 Microseconds
Control Protocol:	DMX-512, RS-485, Architectural, Optional Wireless DMX	Filter Max. Rate of Rise:	105 Milliamps / Microsecond
Control Connections:	Dual 5 Pin XLR	Full Load Voltage Drop:	3 Volts
Power Requirements:	120VAC, 20 Amp	Efficiency:	97%
Power Input:	Edison Plug	Size:	8.5"L x 7"W x 2"D
Frequency:	50 or 60Hz	Weight:	4 Pounds
Fusing:	5 Amp each Channel		

Architect & Engineer's Specifications

The dimming system shall have 4 circuits with a load capacity of 600 Watts per circuit. Each circuit is protected by a 5 Amp fast acting 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. A user may set dimmer attributes of Dim or Relay, unit address, and stand alone chase functions via menus. 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. The microcontroller directly applies pulse width modulation to channel output drive opto-couplers without the need for any analog circuitry. The opto-couplers provide 5000 Volt isolation between the high voltage and all other circuitry.

Power requirements of the dimming system shall be a 120VAC circuit at 20 Amps. The microprocessor autosenses line frequency and will operate 50Hz or 60Hz. Load output connectors shall be Edison style connectors. Input electrical connections are made through a 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 recognized when specified by the user and conform to the standards set forth. The dimming system is covered by a 5 year warranty.

The dimming system shall be a Lightronics XC-40.

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.

