

Wholehog® DMX Processor 8000

A. General:

1. The DMX processor shall be a Wholehog DMX Processor 8000. The DMX Processor shall be available from Barco Lighting Systems, Inc., 2105 Gracy Farms Lane, Austin, TX 78758, USA.
2. The lighting control system shall be designed specifically for the control of stage, studio, touring and entertainment lighting systems.
3. A company having over 20 years experience in the control of entertainment lighting shall manufacture the lighting control system.
4. The equipment shall be ETL listed.
5. Systems that do not provide the features listed below shall not be acceptable.

B. Hardware:

1. The DMX Processor shall be a 1U 19" rack unit, 11" deep, with a machined aluminum face panel with wear-resistant anoprinted legends.
2. The DMX Processor shall be convection shall contain software controlled fans.
3. A universal 90 – 240V 50/60 Hz power factor corrected power supply shall be incorporated.
4. The DMX Processor shall have two Gigabit Ethernet connections on the rear panel.
5. The DMX Processor shall have two USB A connections on the rear panel.
6. The DMX Processor shall have a locking IEC power connection on the rear panel.
7. There shall be eight (8) isolated DMX512 ports on the front of the unit.

C. Operation

1. The Wholehog control system shall be expandable through the use of multiple DMX processors units.
2. In normal operation it shall be connected to a HOG 4 console or other HOG compatible server by an Ethernet network.
3. The DMX XLR output shall be expandable via a USB Expander box or USB Widgets and USB Super Widgets.
4. The firmware shall be upgradeable over the network. No changing of internal components shall be required.
5. There shall be a user interface comprising a colour LED backlit graphic LCD screen and three function buttons. There shall be LEDs on the front panel giving essential status information.

6. There shall be the option to connect up to eight (8) Midi/ SMPTE Timecode widget to each DMX 8000 processor.