Lighting Controller Specification

The unit shall provide a continuous output of 512 DMX channels.

The unit shall support the simultaneous playback of up to 40 recordings at one time, with each recording being able to play back on any universe. When more than one recording is playing back on the same channel, the values shall "pile on" HTP (Highest Takes Precedence) or LTP (Last Takes Precedence).

The unit shall provide internal non-volatile storage for up to 100 hours of recordings.

The unit shall respond to the following control mechanisms: parallel (voltage or contact closures), RS-232, USB, linear timecode in either SMPTE or EBU formats, internal real time-clock scheduler, and Ethernet.

Each of 8 parallel inputs shall be opto-isolated. A front panel, backlit LCD shall be capable of displaying two lines of 16 characters.

The unit will be powered by a CE compliant power supply.

The unit shall be capable of stand-alone operation; a computer shall not be required for normal operation.

The unit shall require no more than two units of space in a standard 19 inch equipment rack.