

DMX Controller Specification

The unit shall provide two serial ports and 16 input triggers.

Each serial port shall be capable of RS-232 communication at baud rates up to 38.4 Kbaud.

Each of the 16 inputs shall be opto-isolated.

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

The unit shall be capable of multi-tasking, processing up to 256 simultaneous sequences of unlimited length. 32 Kbytes total show storage in non-volatile EEPROM shall be provided.

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

The programming environment shall use the Windows operating system. The programming must allow assignment of start, stop and reset triggers for each sequence, and support user-defined serial protocols. The unit shall operate stand-alone; a computer shall not be required for normal operation.

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