

Show Controller Specification

The unit shall provide 1 serial port, a MIDI port, and 32 outputs, with 32 input triggers.

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

Each of the 32 outputs shall be dry contact closures, capable of handling up to 1A, and fused with self-restoring polymer fuses.

Each of the 32 inputs shall be opto-isolated.

The unit shall be capable of multi-tasking, processing up to 256 simultaneous sequences of unlimited length. 24Kbytes 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.