

# **DMX Machine™**

## **Scripted Lighting Controller**



The Alcorn McBride DMX Machine is a powerful, inexpensive, stand alone lighting controller, or a convenient RS-232 to DMX translator.

Used as a translator, it converts simple RS-232 serial messages to standard DMX lighting protocol. The signal can drive your existing dimmer racks to produce ramps, fades, strobes, and flicker flames on 512 dimmer channels simultaneously. In this mode of operation, the DMX serves as an ideal expansion interface to give the Alcorn McBride family of show control products (or any computer equipped with an RS-232 port) DMX lighting capability.

But the DMX's strengths extend far beyond simple translation applications. The DMX replaces expensive lighting control consoles being used as mere playback devices. Very basic or extremely complex sequences of DMX lighting control changes can be stored in the DMX's nonvolatile internal memory. These sequences can then be run automatically upon powerup, or triggered remotely from any Alcorn McBride show controller or computer capable of transmitting simple RS-232 messages. When used in this way, the DMX can control the lighting for an entire preshow/mainshow, including everything from simple architectural lighting to full-stage looks, to complex special effects.

- **Scripted Control of Dimmers**
- **512 DMX Channels**
- **Stand-Alone or Slave Modes**
- **256 Multi-Tasking Sequences**
- **Sixteen Discrete Inputs**
- **Serial RS-232 Control**

---

**Alcorn  
McBride  
Inc.**

---

3300 S. Hiawassee  
Building 105  
Orlando, FL 32835  
Tel (407) 296-5800  
Fax (407) 296-5801  
info@alcorn.com  
www.alcorn.com

# DMX Machine™

## Scripted Lighting Controller

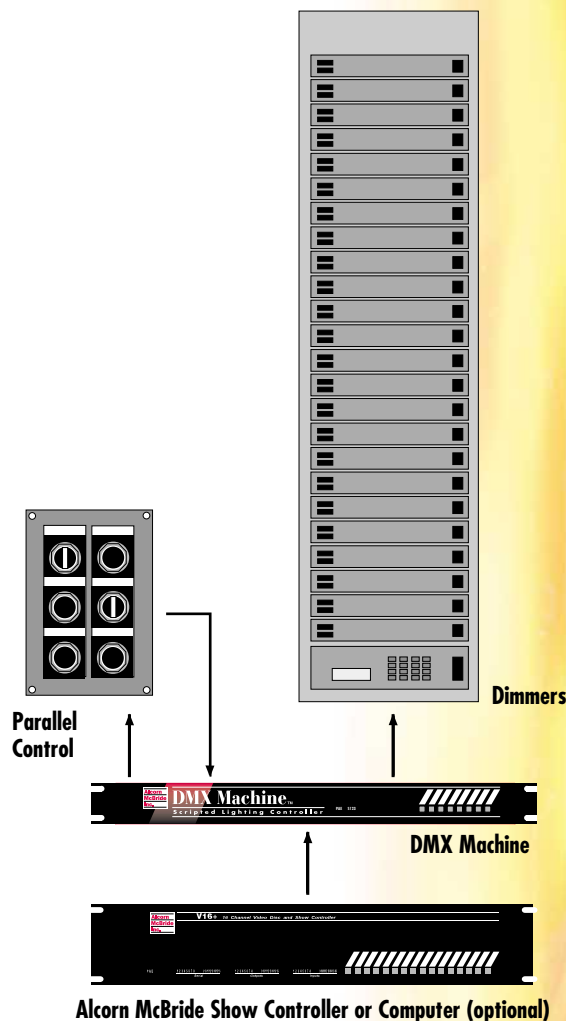
### DMX SPECIFICATIONS

|                |                                                                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size:          | Standard 1U rack mount (1.75" x 19" x 5")                                                                                                                          |
| Weight:        | 26 ounces                                                                                                                                                          |
| Power:         | 115/220 VAC, 50/60 Hz, 20 W maximum.<br>UL listed Class 2 power adapter included with every unit.                                                                  |
| Environmental: | 0 to 35 C (32 to 100 F)<br>0 to 90% relative humidity, non-condensing<br>Free-air circulation                                                                      |
| Front Panel:   | LED power and status indicators.<br>Eight programmable push-buttons                                                                                                |
| Rear Panel:    | Programming port (male DB-9)<br>DMX output (female 5-pin XLR)<br>Extra serial port (male DB-9)<br>Parallel I/O connector (female DB-37)                            |
| Show Memory:   | 32 KByte EEPROM.<br>Nonvolatile, robust memory retains show data permanently with no battery backup required.                                                      |
| Show Capacity: | Up to 256 simultaneous sequences containing lighting, serial and I/O events.                                                                                       |
| Programming:   | Standard RS232-C serial connection.<br>Supports DMX ramp commands with final intensity and duration of ramp specified in absolute values or percent of full scale. |

Specifications subject to change without notice

### Applications:

**Theatres  
Shows  
Museums  
Rides  
Architectural Lighting**



**Alcorn  
McBride  
Inc.**

3300 S. Hiwassee  
Building 105  
Orlando, FL 32835  
Tel (407) 296-5800  
Fax (407) 296-5801  
info@alcorn.com  
www.alcorn.com

