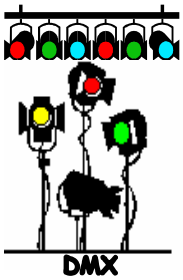
SEM-4020

Media Pro® 4000

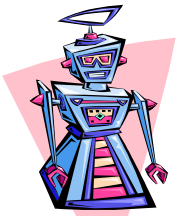
Total Show Control

Video Playback



DMX Lighting Control

Video & SMPTE Time Code Gen/Rcvr



Animatronics Control

Digital Audio Playback & Control

SEM-4020
Serial Expansion Module

The SEM-4020 provides serial control ports for serially controlled devices such as Laser Disk and CD players. Software drivers in the system directly support many of the serially controlled devices common in multimedia presentations. Protocol for each port is defined during system configuration and is downloaded using Media Pro® 4000 Software. Once configured, the port can be programmed in an application using the standard Media Pro® Control Language (MPCL) from Cues.

Standard SEM-4020 Features

- **(8) RS232/422 Switch Selectable Serial Ports**
- **Field Selectable Protocol Drivers for Each Port**
- **Powered Connectors for External Interface Adapters**
- **User Defined Hex Strings**

In addition, the ports can be used to control the Media Pro® System from an external device or another Media Pro® system. Both ASCII and DF1 Binary control protocols are supported to initiate cue controls and commands to applicable modules.

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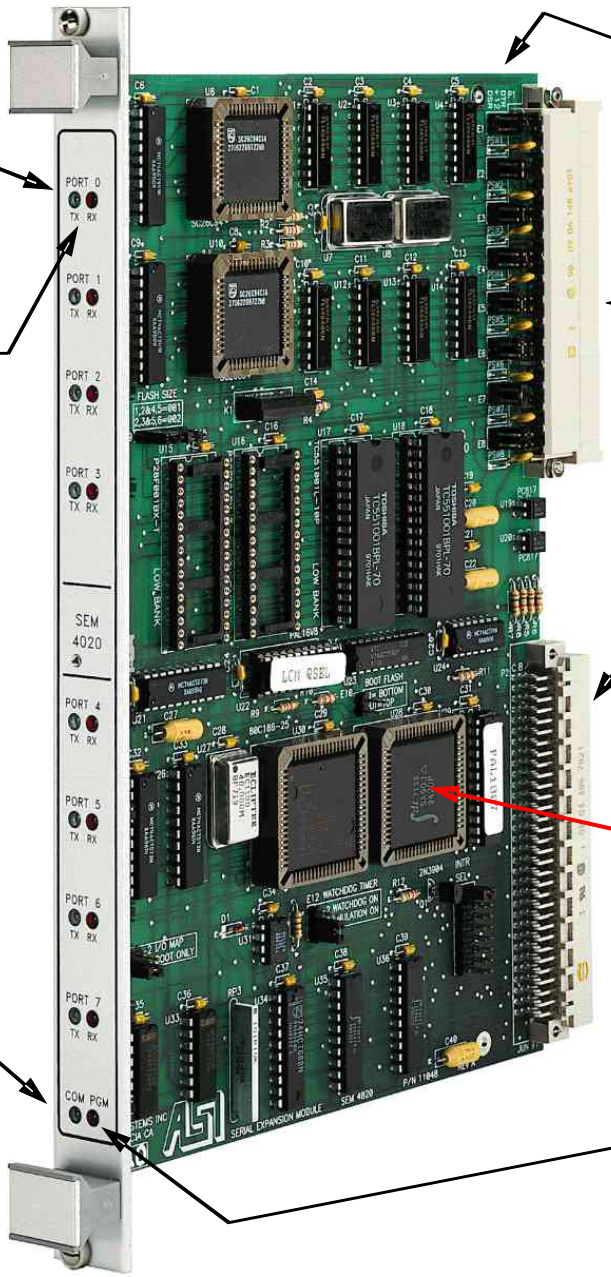
Specifications subject to change at any time.

SEM-4020

Media Pro® 4000 SEM-4020
Serial Expansion Module



Green LED
(1 of 8 Ports)
Indicates TX Active

Red LED
(1 of 8 Ports)
Indicates RX Active

Green LED
Communications
Indicator

6 Pin header (1 of 8)
Selects pin #1 Function
Of Telco Connector:
1. DSR
2. +12v (Current Limited)
3. DTR

48 Pin DIN Field Connector
(RS232/422)

Din 41612 type "C"
96 Pin DIN
Connects directly to the
Media Pro® Backplane

Dual Port RAM for
Media Pro® Backplane
Communication Interface

Red LED Programming &
Maintenance Force
Indicator

Complete documentation is available for downloading at our Web site or by contacting our offices.

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