Media Pro® 4000

IMC-4020
Expandable Integrated Module Controller

The IMC is an Integrated Module Controller for Cue and Real Time Programming.

**The IMC-4020 contains multiple Media Pro® 4000 Modules
Integrated into a compact 19" x 1.75" Rack Mount Enclosure with 1 expansion slot.**

The IMC provides 3 user-configurable RS-232 Serial Ports, and a separate maintenance port. These ports are typically used to interface to serially controlled devices such as Laser Disk Players, CD Players, Video Switchers, Lighting Control Boards, and Programmable Logic Controllers. One Port can optionally be configured to use the 3 pin Mini XLR Jack to transmit DMX-512 for control of Dimmers, Moving Lights, and other DMX-512 controlled devices.

Each Port is configurable for software and hardware protocol using the **Media Pro® 4000** Software. Since each Port can be configured for a specific protocol, the MP4000 programmer doesn't have to learn a new language for each type of device. The programmer always uses the **Media Pro®** Control Language (MPCL) to access and control the device using the same language.

In addition, The IMC provides an 8 bit contact closure Output Port, and an 8 bit 24 volt / contact closure Input Port. These Ports can be connected to external indicators, switches, and digitally controlled devices.

An external video device can provide video sync to the IMC for synchronizing Cues and Animation with Video.

If in the future your attraction requires more **Media Pro® 4000** Modules you can download your configuration, cues, and animation to an ICM in a Horizontal or Vertical Module Rack, and add the additional modules you require; thereby protecting your original design and programming investment.

Media Pro® 4000

The IMC-4020 contains multiple Media Pro® 4000 Modules
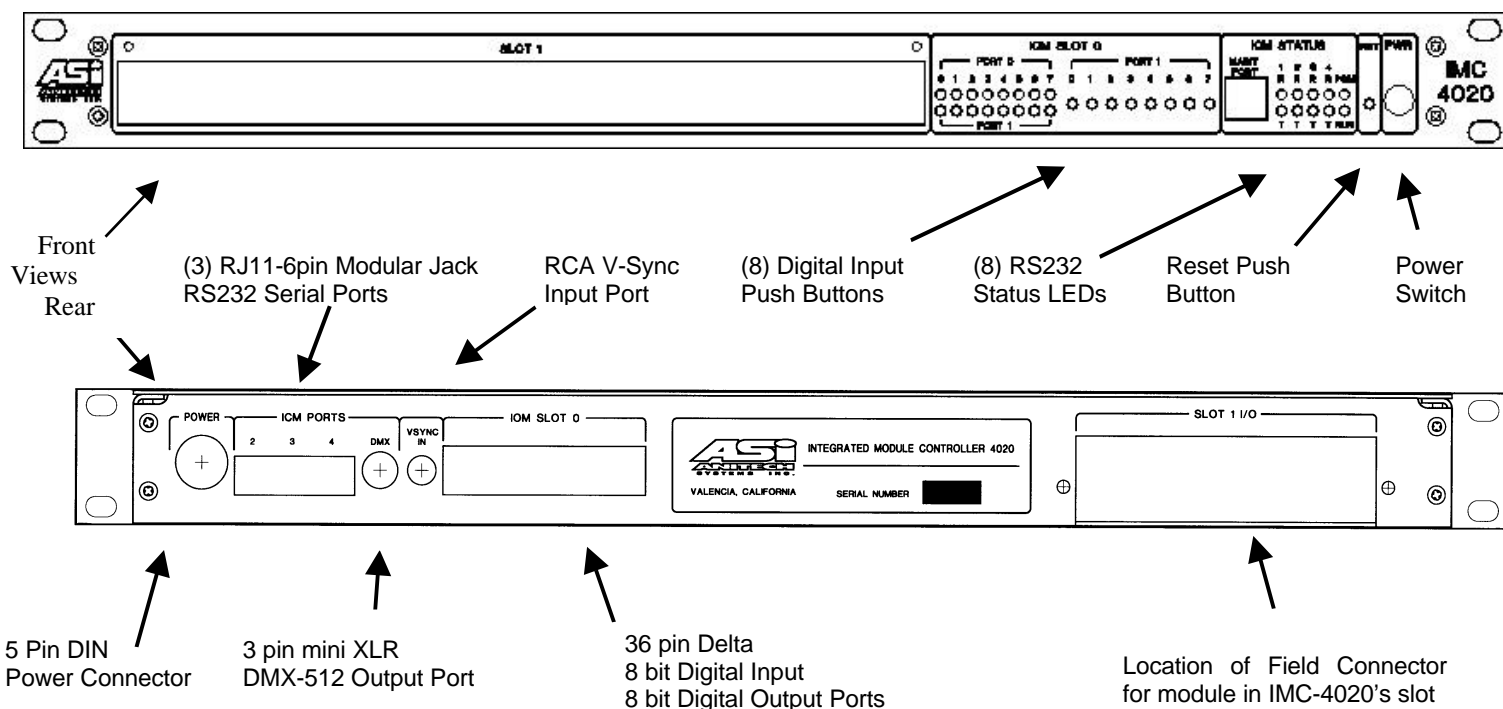## Integrated into a compact Controller.

➢ ¼ Megabyte Flash Memory for Show Cues and Animation

➢ 1 RS232 Maintenance and Control Port

➢ 3 User Definable Ports (including DMX-512 support on 1 Port)

➢ 1 8 bit Contact Closure Digital Output Port

➢ 1 8 bit Contact Closure or 24 volt Input Port

➢ 1 V-Sync Input Port

➢ ¼ Megabyte Field Programmable Code/Program Memory

➢ Supports 512 Each of Cues, Variables and Animation Files Using MPCL

➢ 1 Slot for any **Media Pro®** 4000 family expansion Module

➢ Rack Mount 19" x 1.75" Enclosure

The IMC can take full advantage of all the features of a module in its slot, including configuration, cue control & animation.

(16) Digital I/O Status LEDs

RJ11-6pin Modular Jack RS232 Serial Maintenance Port

(2) Program / Run Status LEDs

Front Views Rear

(3) RJ11-6pin Modular Jack RS232 Serial Ports

RCA V-Sync Input Port

(8) Digital Input Push Buttons

(8) RS232 Status LEDs

Reset Push Button

Power Switch

5 Pin DIN Power Connector

3 pin mini XLR DMX-512 Output Port

36 pin Delta 8 bit Digital Input 8 bit Digital Output Ports

Location of Field Connector for module in IMC-4020's slot