



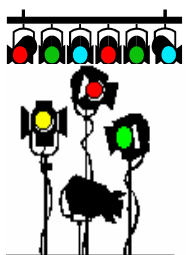
**Software**



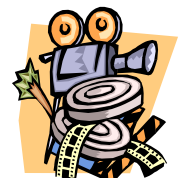
**Total  
Show Control**



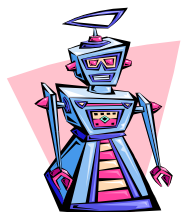
**Video  
Playback**



**DMX  
Lighting Control**



**Video & SMPTE  
Time Code  
Gen/Rcvr**



**Animatronics  
Control**



**Digital Audio  
Playback  
& Control**

# Media Pro<sup>®</sup> 4000

## Programming Control Language or MPCL

The Media Pro<sup>®</sup> 4000 is programmed using the Media Pro<sup>®</sup> Control Language or MPCL. This language was developed by Anitech Systems and is loosely based on the Media Control Interface or MCI specification created by Microsoft. It is designed to allow numerous devices to be controlled by a common set of verbs and tokens. This allows a designer to learn one syntax no matter what type of object is being controlled.

Modules in the Media Pro<sup>®</sup> Family can contain up to thirty-two (32) addressable ports. For instance, an IOM has two 8 bit digital ports referenced as Port 0 and Port 1. The DSM has two audio ports referenced as Port 0 for the Left Port and Port 1 for the Right Port. In the case of a SEM, each of the 8 serial ports are directly addressable as Port 0 to Port 7. This allows multiple resources, or ports, to be identified on a module within a given Rack and Slot location.

The basic concept of MPCL is that an object, whether it be a serial device, solid state audio track, internal variable, or logical channel, it can be referenced in a common way. These references always contain a Type and an Address. A reference can be made either directly or indirectly by using an Alias Name.

### Standard Media Pro Control Language Features

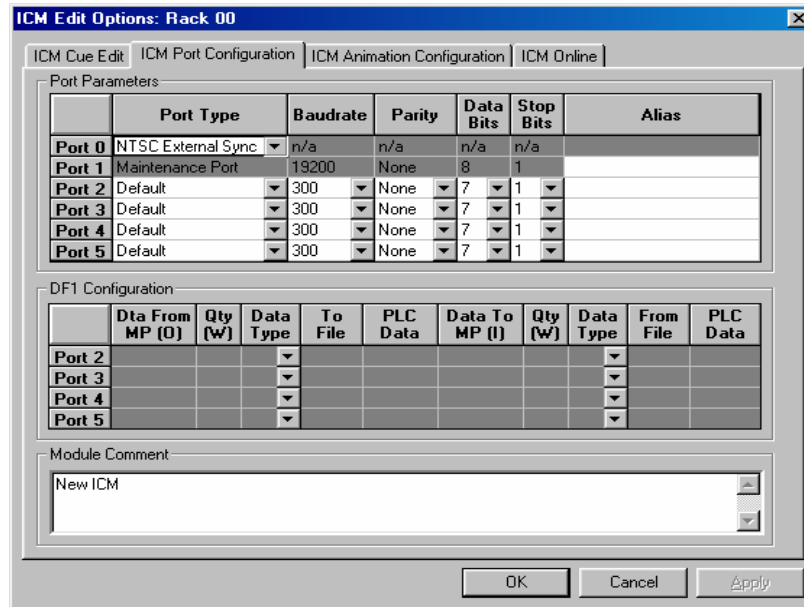
- ♦ Event or Real-Time based programming
- ♦ 512 CUES per show file
- ♦ 512 Events per Cue
- ♦ 1024 lines per cue
- ♦ Maximum of 20K character per Cue
- ♦ 512 Variables per Cue
- ♦ 512 Animation files per Cue
- ♦ Up to 2K Aliases per Show
- ♦ 1024-byte input block
- ♦ 1024-byte output block



Software

## Media Pro® Control Language or MPCL

### Sample Screens



ICM Edit Options: Rack 00

ICM Cue Edit | ICM Port Configuration | ICM Animation Configuration | ICM Online

Port Parameters

	Port Type	Baudrate	Parity	Data Bits	Stop Bits	Alias
Port 0	NTSC External Sync	n/a	n/a	n/a	n/a	
Port 1	Maintenance Port	19200	None	8	1	
Port 2	Default	300	None	7	1	
Port 3	Default	300	None	7	1	
Port 4	Default	300	None	7	1	
Port 5	Default	300	None	7	1	

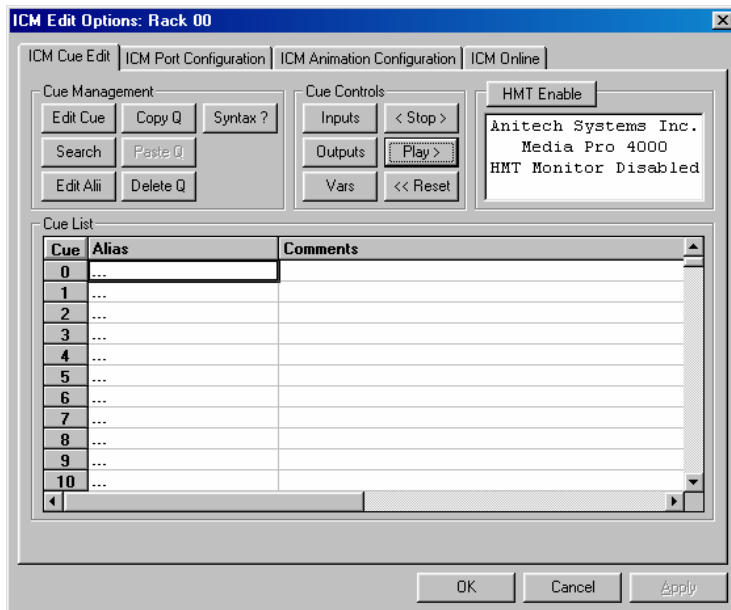
DF1 Configuration

	Data From MP (O)	Qty (W)	Data Type	To File	PLC Data	Data To MP (I)	Qty (W)	Data Type	From File	PLC Data
Port 2										
Port 3										
Port 4										
Port 5										

Module Comment

New ICM

OK Cancel Apply



ICM Edit Options: Rack 00

ICM Cue Edit | ICM Port Configuration | ICM Animation Configuration | ICM Online

Cue Management

Edit Cue Copy Q Syntax ?

Search Paste Q

Edit Alias Delete Q

Cue Controls

Inputs < Stop >

Outputs Play >

Vars << Reset

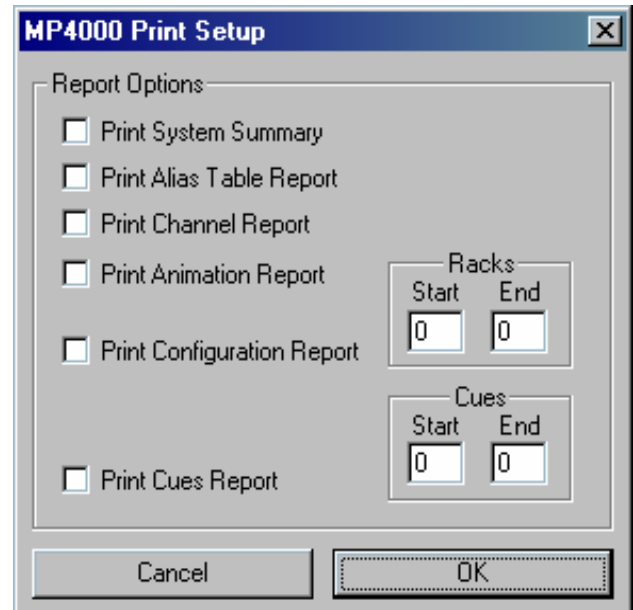
HMT Enable

Anitech Systems Inc.  
Media Pro 4000  
HMT Monitor Disabled

Cue List

Cue	Alias	Comments
0	...	
1	...	
2	...	
3	...	
4	...	
5	...	
6	...	
7	...	
8	...	
9	...	
10	...	

OK Cancel Apply



MP4000 Print Setup

Report Options

☐ Print System Summary

☐ Print Alias Table Report

☐ Print Channel Report

☐ Print Animation Report

☐ Print Configuration Report

☐ Print Cues Report

Racks

Start End

0 0

Cues

Start End

0 0

Cancel OK

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