

January 1999

**THE IMAGENATION™ SERIES
MICROPROCESSOR
LIGHTING CONTROLLER**

ETA® SYSTEMS

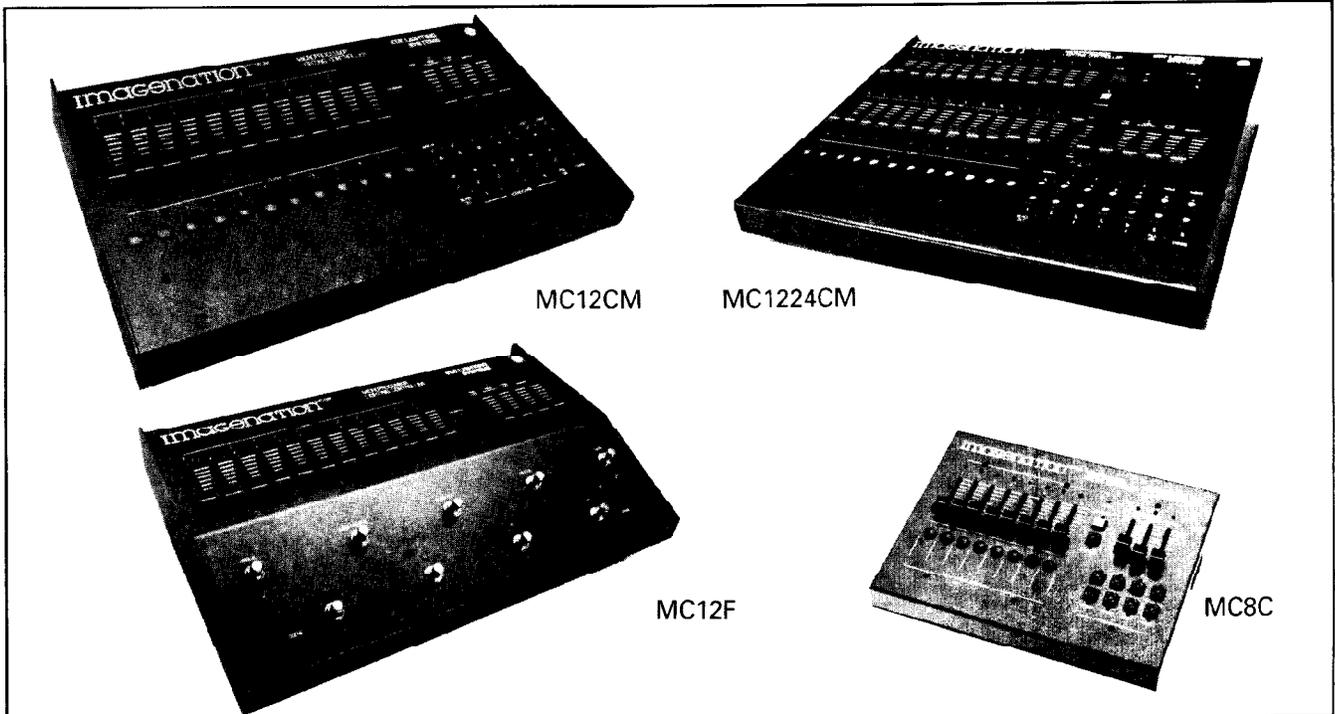
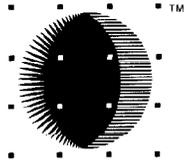
A Creative Light & Sound Company

Division of National Biological Corporation

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http://www.etasys.com E-mail eta@etasys.com



The Imagenation™ Series from ETA® Systems takes its cue from the oldest business axiom for success: do what you do best. Programming is instantaneous so you can spend your time creating with your imagination and concentrating on being your best.

Imagenation™ Series means instant understanding. Imagine a line of microprocessor controllers that features a simple three-step, one-finger process that programs a scene in the memory forever, or until reprogrammed. So you spend your time creating with your imagination and concentrating on being your best.

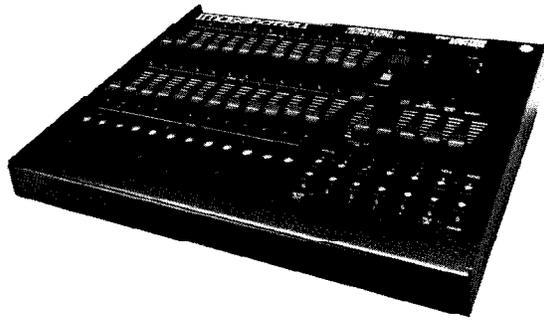
The Imagenation™ Series Features:

- 24, 12 or 8 fully programmable channels with the ability to store and recall up to 152 scenes
- Used manually, these controllers provide hands-on control and instant creating
- MIDI In/Out/Thru interface with sequencers, keyboards, etc.
- Ultraplex™ protocol (multiplex signal— standard 3 pin microphone cable)
- One-year limited warranty on parts and workmanship

Microprocessor Features:

- Non-volatile memory – program stored until reprogrammed
- Programmable scenes
- Program and edit blind using hold button feature -set current scene in hold, reset scene manually, release hold and fade to new scene
- Scene pile-on feature – add scene(s) to existing scenes to create additional scenes
- Blackout control and fade to blackout feature
- Up to 37 steps of chase sequences using all channels of light in each chase step
- Manual chase mode with electronic speed adjustment
- Audio chase mode with electronic sensitivity adjustment – sync to the beat of the music with direct line audio feed, speaker, mixer, amplifier, CD player or tape deck, as low as a 1/2 volt signal via a standard 1/4" audio jack

Imagination™ SERIES



MC1224CM



MC12CM



MC12F

MC1224CM Features:

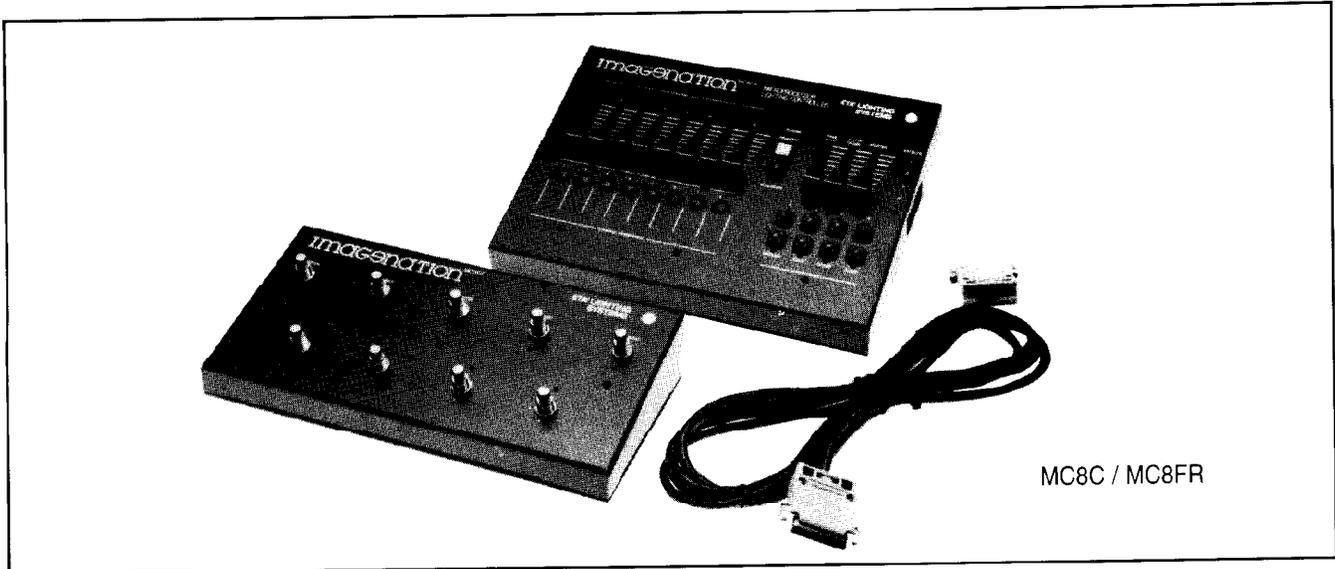
- 24 control channels or 24 channels
- 2 scene manual
- 152 scene maximum programming memory
- 8 scenes of chase with 37 programmable steps each
- 12 flash buttons
- Non-volatile memory
- Program lock
- Speed adjustable electronic chase
- Audio sync with sensitivity adjustment
- Adjustable real time crossfade
- Crossfade from manual to preset scenes
- Program and edit blind
- Master control
- Fade to black out
- Pile-on
- Powered from dimmers or portable power from 12V DC remote power supply for remote
- Dimmer connects with 3 pin standard microphone cable
- MIDI In/Out/Thru
- DMX 512
- Dimensions: 15 1/2" wide, 14 3/4" deep, 2 3/4" high (rear), 1 1/2" high (front)
- Shipping weight 13 lbs.

MC12CM Features:

- 12 control channels
- 16 scene max. programming memory, 8 scenes and 8 scenes of chase with 20 programmable steps each
- 12 flash buttons
- Non-volatile memory
- Program lock
- Speed adjustable electronic chase
- Audio sync with sensitivity adjustment
- Crossfade from manual to preset scenes
- Program and edit blind
- Master control
- Fade to blackout
- Pile-on
- Powered from dimmers or portable power from 12V DC remote power supply
- Dimmer connects with 3 pin standard microphone cable
- MIDI In/Out/Thru
- DMX 512
- Dimensions: 15 1/2" wide, 9 3/4" deep, 2 3/4" high (rear), 1 1/2" high (front)
- Shipping weight 12 lbs.

MC12F Foot Controller Features:

- 12 control channels
- 4 scenes and 4 scenes of chase with 20 programmable steps each
- Non-volatile memory
- Program lock
- Speed adjustable electronic chase
- Audio sync with sensitivity adjustment
- Master control
- Fade to blackout
- Pile-on
- Powered from dimmers or portable power from 12V DC remote power supply
- Dimmers connect with 3 pin standard microphone cable
- Dimensions: 15 1/2" wide, 9 3/4" deep, 2 3/4" high (back), 1" high (front)
- Shipping weight 12 lbs.



The Imagenation™ MC8 Micro-processor, programmable 8 channel lighting controller is available in the base MC8C model and the MC8CA version with 4 additional auxiliary channels to activate motor driven effects; such as strobes or fog machines. MC8CA is also available in a standard 19" rack mountable version, model MC8RA. An accessory remote foot switch, model MC8FR, is available to access the memory functions of all three versions.

The MC8 is the perfect, affordable, entry-level microprocessor lighting controller for sales and rentals. ETA's tradition of quality, reliability and durability is the essence of the all-USA-made steel product designed for small bands, DJs and intimate nightclubs. The MC8 features all the control of the more sophisticated lighting controllers: master control, bump/flash buttons, hold, audio sync, speed adjustable chase, non-volatile memory and program lock. When coupled with ETA Systems' "MD" Series Ultraplex™ dimmers and "SR" Series solid state relays (required for motor-driven effects channels), the MCs have unlimited lighting possibilities.

The MC8CA is also available in a complete lighting system package which includes: (1) MC8CA, (2) MD460U-24 Ultraplex™ dimmers, (1) SR410 relay, (2) MC350, (1) RC450 cable, and (8) LK2 light kits. The PF2 is a par 38 light fixture fabricated from an indestructible space-age material weighing only 1.5 lbs. without the lamp. Each light kit comes with 150W spot or flood lamp, gel frame, and (4) assorted gels.

MC8C Features:

- Programmable or manual operation
- 8 control channels
- 8 scenes maximum programming memory, 4 scenes and 4 scenes of chase with 20 programmable steps
- 8 flash/bump buttons
- All flash/bump
- Master lighting control
- Fade rate control
- L.E.D. status monitors of all functions
- Ultraplex™ protocol (multiplex signal—standard 3 pin microphone cable)

MC8CA Features:

- Same programmable features as MC8C
- 4 additional auxiliary channels for motor-driven effects – auxiliary channels are not programmable
Note: Any of the 8 dimmable channels in full-on position will also drive a motor-driven (internally protected) effect
- Accessory SR410TM solid state relay and RC450 or RC4100 analog remote control cable are required for auxiliary channel control

Power Sources

- Multiplex digital protocol signal transmits power from FTA's "MD" Series dimmers via standard 3 pin microphone cables
- Accessory 12V DC power supply allows for portable pre-programming

MC8FR Features:

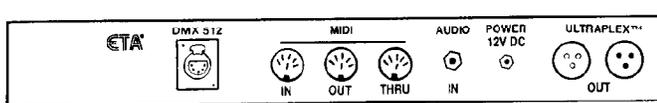
- Accessory remote foot switch to activate all programmed functions of MC8C, MC8CA and MC8RA – will not access auxiliary channels
- 25 foot control cable included
- Dimensions: 12" wide, 6" deep, 2 1/2" high (rear), 1 1/2" high (front)
- Shipping weight 6 lbs.

1 Year Limited Warranty

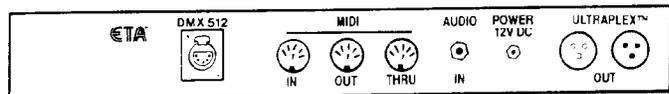
imagination™ SERIES

	MC1224CM	MC12CM	MC12F	MC8C	MC8RF
Channels	24	12	12	8	
Programmable Scenes	152	8	4	4	
Chase Sequences	8	8	4	4	
Programmable Chase Steps	37	20	20	20	
Flash Buttons	12	12	N/A	8	
Non-Volatile Memory	yes	yes	yes	yes	
Program Lock	yes	yes	yes	yes	
Adjustable Chase Speed/Rate	yes	yes	yes	yes	
Audio Sync Sensitivity Adjustment	yes	yes	yes	yes	
Adjustable Real Time Crossfade	yes	no	no	no	
Crossfade from manual to preset scenes	yes	yes	no	yes	
Program & Edit Blind	yes	yes	no	yes	
Master Control	yes	yes	yes	yes	
Fade to Blackout	yes	yes	yes	yes	
Pile-On	yes	yes	yes	no	
Auxiliary Switches	N/A	N/A	N/A	4	
MIDI In/Out/Thru	yes	yes	no	no	
DMX 512	yes	yes	no	no	
Foot Controller	N/A	N/A	yes	N/A	
Remote Foot Switch	N/A	N/A	N/A	MC8RF	yes
Shipping Weight	13 lbs.	12 lbs.	12 lbs.	9 lbs.	6 lbs.

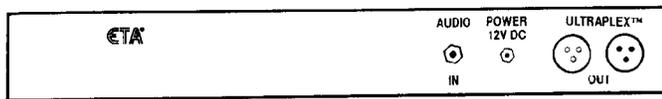
IMAGENATION SERIES BACK PANELS



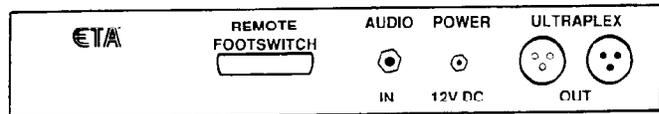
MC1224CM



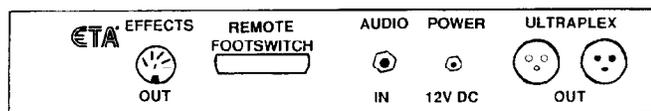
MC12CM



MC12F



MC8



MC8CA



MC8FR

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