



## FEATURES:

- » Standard Gigabit Ethernet Protocol
- » All components POE compatible
- » 8 channel expandability
- » Up to 256 inputs per system
- » 24 bit, 48-192K resolution
- » .5ms latency
- » All components 1RU enclosures
- » Enclosures can be used as rack mounted or stage boxes with included rubber boots
- » 24 channel mix engine option
- » Wireless control for mix engine
- » Dedicated touch screen controller for system remote control
- » Digital format converter unit with word clock sync
- » Fiber optic option
- » CobraNet option
- » Integration control port (RS232)
- » Phoenix and DB25 connectors are optional

## DESCRIPTION:

Momentum digital snake system by Pro Co is designed to replace traditional analog audio wiring anywhere audio distribution is needed. By capturing audio at the source, converting it to digital audio and distributing it over a standard Ethernet network, many of the difficulties in executing the increasingly complicated audio systems of today can be simplified. By reducing the amount of field terminations, installation becomes less time consuming and produces a more robust signal path. The mic preamps and digital converters are professional grade components that provide a platform that is as close to analog as possible without the inherent problems that are associated with traditional wiring.

Flexibility and expandability is enhanced through the use of eight channel modules for both inputs and outputs. Signal routing becomes as easy as clicking a button. You can put inputs and outputs anywhere you need them, without consequence. Also digital conversion is available for seamless system integration into many of the popular formats currently used.

New for Momentum, a DSP mix engine can be added to an output unit for use as a personal monitor / distributed audio mixer capable of 4 stereo or eight mono mixes using any 16 inputs that are available on the Momentum network.

## OPTIONS:

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- » Fiber optic Ethernet interface
- » Allows for daisy chain configuration
- » Can be added to any mi8 or mo8/me unit

### -C

connected by  
**CobraNet**

- » Uses popular network platform for seamless system integration
- » Can be added to any mi8 or mo8/me unit

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- » Contractor package rear panel
- » Adds “Phoenix” connectors and a “DB 25” paralleled to the front panel connectors
- » Adds an RS232 control port for 3rd party control systems access
- » Can be added to any mi8 or mo8/me unit



## SPECIFICATIONS:

### Input Module: mi8

Resolution	24 bit, 48/96/192 kHz
Input Impedance	2k Ohms, balanced
Input Gain	
Mic Level	10-40dB, 1dB steps
Line Level	0dB
Pad	20dB
Maximum, no pad	10dBu
Dynamic Range	110dB, minimum
Crosstalk	<-100dB at 1 kHz
Frequency Response	20-20kHz, ± 3dB

### Output Module: mo8, mo8me

Resolution	24 bit, 48/96/192 kHz
Output Impedance	75 ohms, balanced
Output Level	10dBu
Dynamic Range	110dB, minimum
Crosstalk	<-100dB at 1 kHz
Frequency Response	20-20kHz, ± 3dB

### Network Specifications

Standard Gigabit Ethernet Protocol  
POE 802.3af Compliant  
Up to 256 total active system inputs  
Onboard memory and programming  
.5 ms A/A latency (no DSP)  
1.25 ms A/A latency (with DSP)