



momentum™

# DIGITAL SNAKE SYSTEM



## mo8me

### Mix Engine

- » 8 analog, balanced line-level outputs
- » Male XLR connectors
- » Signal / Clip LED indicators for each output
- » Front mounted control panel uses a simple two button interface
- » Digital mix engine
- » Capable of 8 mono or 4 stereo output mixes
- » Allows 16 input channels from the network for the output mixes
- » Available 16 input EQ's and 8 output EQ's
- » The "Tweak" wireless remote control allows user to access all mix functions
- » POE 802.3af compliant

## DESCRIPTION:

The Momentum mo8me is the DSP based mix engine component of Pro Co's 2nd generation digital snake system. The mo8me is based off the mo8 with the addition of a 24 channel DSP that allows the user to mix any 16 inputs on the Momentum network to any of the analog outputs on the mo8me. Configurable for 4 stereo outputs or 8 mono outputs, mo8me is suitable for numerous tasks such as personal monitor mixing or distributed audio systems. Eight 3 band EQ's are available for the outputs and sixteen 3 band EQ's are available for use with any of the mix inputs.

Gigabit Ethernet is standard on all Momentum products and all components are POE compliant.

All DSP functions are controlled by the "Tweak", a wireless user interface, mts-a dedicated touch screen controller, or free PC software.

A full compliment of options are available to ensure that Momentum can integrate into your system configuration. Equally at home in your studio rack or on a live stage, the mo8me is the next step to building your Momentum Digital Snake System.



Pro Co Sound  
225 Parsons Street | Kalamazoo, MI 49007  
888-253-7360

TAKE THE STAGE.  
» [www.procomomentum.com](http://www.procomomentum.com)

## OPTIONS:

### -f

- » 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

### +

- » 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:

### Output Module: 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, $\pm$ 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)