



## mo8

### Eight Channel Analog Output

- » 8 analog, balanced line-level outputs
- » Male XLR connectors
- » Selectable 48K or 96K sampling
- » Signal/Clip LED indicators for each output
- » Front mounted control panel
- » Gigabit Ethernet Architecture
- » Power Over Ethernet (PoE) 802.3af Compliant
- » Available with rack mount kit or optional stage boots

## DESCRIPTION:

The Momentum mo8 is the analog output component of Pro Co's digital snake system. The mo8 is capable of converting 8 inputs from the Momentum network to analog audio at balanced line level. Using Cirrus Logic, D/A converters, analog outputs can be placed anywhere within the Momentum network.

Gigabit Ethernet is standard on all Momentum products and all components are Power Over Ethernet (PoE) 802.3af compliant.

All functions are accessible through the front panel, mts - a dedicated touch screen controller, or 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 mo8 is the second step to building your Momentum Digital Snake System.

## OPTIONS:

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- » Fiber optic Ethernet interface
- » Can be added to any Momentum I/O Device

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- » Contractor package rear panel
- » Adds “Phoenix” connectors and a “DB 25” paralleled to the front panel connectors
- » Can be added to any mi8 or mo8/me unit



## SPECIFICATIONS:

### Output Module: mo8

Resolution	24 bit, 48/96 kHz
Output Impedance	300-600 ohms nominal, balanced
Output Level	+7dBu
Noise Floor	<-115dBu 150ohm source impedance
Dynamic Range	110dB, minimum
Crosstalk	<-100dB at 1 kHz
Frequency Response	20-20kHz, +/-0.05dB

### Network Specifications

- Standard Gigabit Ethernet Protocol (100 meters maximum distance)
- Power Over Ethernet (PoE) 802.3af Compliant (50 meters maximum distance)
- Up to 256 total active system inputs at 48K or 96K sampling
- Onboard memory and programming
- 0.315 ms A/A latency 96K sampling (no DSP)
- 0.630 ms A/A latency 48K sampling (no DSP)
- 1.00 ms A/A latency 48K sampling (with DSP)
- Open UDP Ethernet communication for 3rd party control

GAA-04 Rev. 06/08



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