momentum™

DIGITAL SNAKE SYSTEM

mo8

Eight Channel Analog Output

- » 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
- › Conversion from network to digital to analog all in one box
- › POE 802.3af compliant

DESCRIPTION:

The Momentum mo8 is the analog output component of Pro Co's 2nd generation digital snake system. The mo8 is capable of converting eight channels of Momentum network audio data back to analog audio at balanced line level. Using professional grade, D/A converters, analog outputs can be placed anywhere within the Momentum network that they are needed. Gigabit Ethernet is standard on all Momentum products and all components are POE compliant.

All functions are accessible through the front panel, 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 mo8 is the second step to building your Momentum Digital Snake System.

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:

Output Module: mo8

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)