



mo8me

Mix Engine

- » Balanced line-level Output
- » Male XLR connectors
- » 48K sampling
- » Signal/Clip LED indicators for each output
- » Front mounted control panel
- » Gigabit Ethernet Architecture
- » Power Over Ethernet
- » Available with rack mount kit or optional stage boots
- » Mixes 32 inputs from network
- » Capable of 8 mono or 4 stereo mixes
- » Input and Output EQ
- » “Tweak” mixes wirelessly with the mrc (momentum remote control)

DESCRIPTION:

The Momentum mo8me is the DSP-based mix engine component of Pro Co’s digital snake system. It utilizes 32 network inputs with 3 band EQ and HPF (high pass filter). Output mixes can be mono or stereo and include 3 band EQ and panning control. The mo8me is suitable for numerous tasks such as personal monitor mixing and distributed audio systems.

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

All DSP functions are controlled by the “Tweak” (a wireless user interface), 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 mo8me is the next step to building your Momentum Digital Snake System.

OPTIONS:

-f

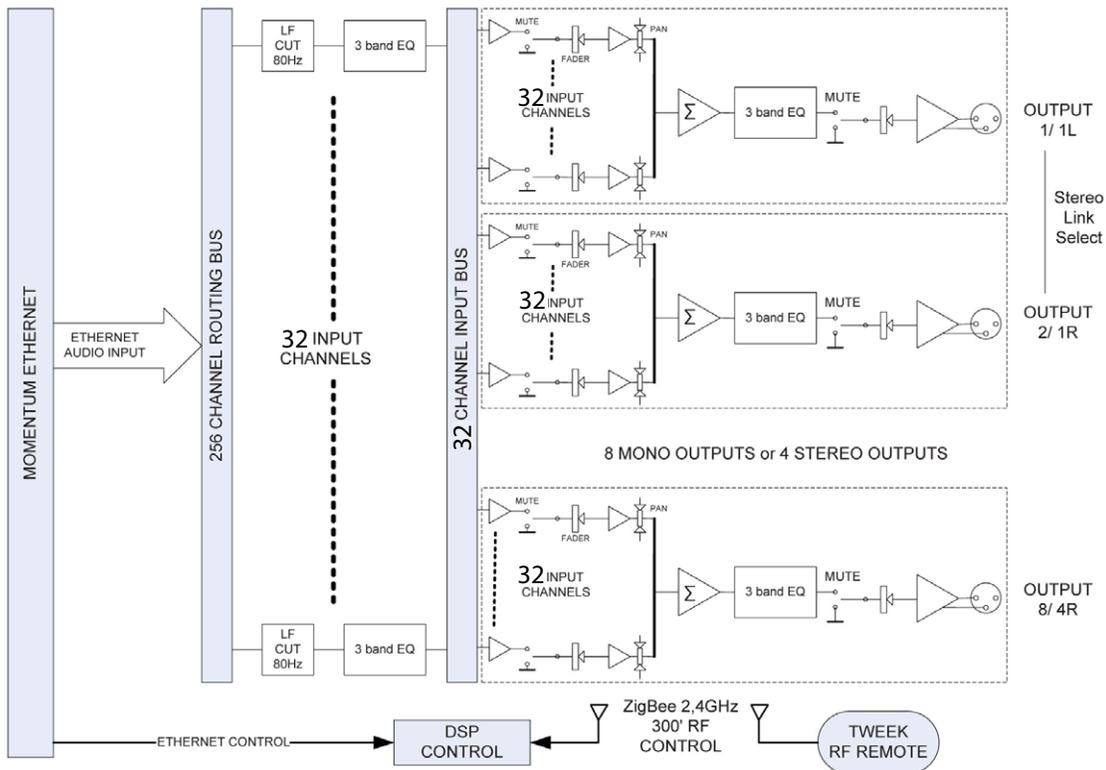
- » Fiber optic Ethernet interface
- » Can be added to any Momentum I/O Device
- » Neutrik OpticalCon available upon request

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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



BLOCK DIAGRAM:



SPECIFICATIONS:

Output Module: mo8me

Resolution	24 bit, 48 kHz
Output Impedance	300-600 ohms, balanced
Output Level	+7dBu
Dynamic Range	110dB, minimum
Crosstalk	<-100dB at 1 kHz
Frequency Response	20-20kHz, +/-0.05dB
Wireless Range	300' Indoors
Wireless Frequency	ISM 2.4GHz

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 sampling
 Onboard memory and programming
 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

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