



HIGH QUALITY MIC/LINE & HI-Z INPUTS. DI-OUT. 2 CHANNEL DANTE ENABLED NETWORK SENDS/RETURNS.

The Media Technology Systems Performer provides a powerful and flexible single interface solution connecting, for example, stage musicians with their back-line amplifiers, and/or Dante/AES67 streaming audio feeds to FOH, Monitor and Recording Consoles. In addition, the Performer provides two Dante/AES67 streaming line level returns for powered stage monitor, In-Ear Monitors and/or stage effects.

The Mic input gain range of -60 to +4dBu is achieved without the use of a pad, giving optimum S/N ratio while maintaining 20dB of headroom at all settings. The mic input is gain/impedance optimized for professional microphones and has selectable +48V Phantom Power. The Line Input stage is optimized for line sources and has a continuously adjustable gain range of -40 to +24dBu, again while maintaining 20dB of headroom at all settings. This means the Line Input's +44dBu peak capability allows direct connection to even an instrument amplifier's output where the Performer can 'capture' a tube amplifier's desirable tone, character and euphonic distortion signals. When connected as close as possible to a speaker's terminals, it will also capture back EMF signals that carry desirable cone breakup and distortion information. This high signal level capability has value in installations where a Performer can be direct connected - tapped into to a 70/100V PA feed.

The Performer's Hi-Z input provides a high impedance, low noise J-FET input stages for exceptional headroom, clarity and transparency.

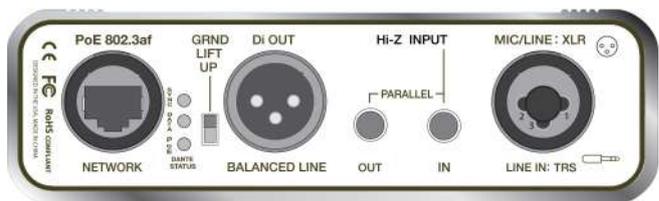
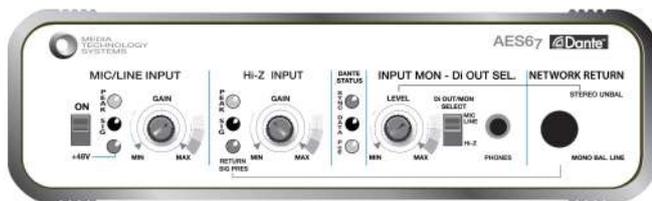
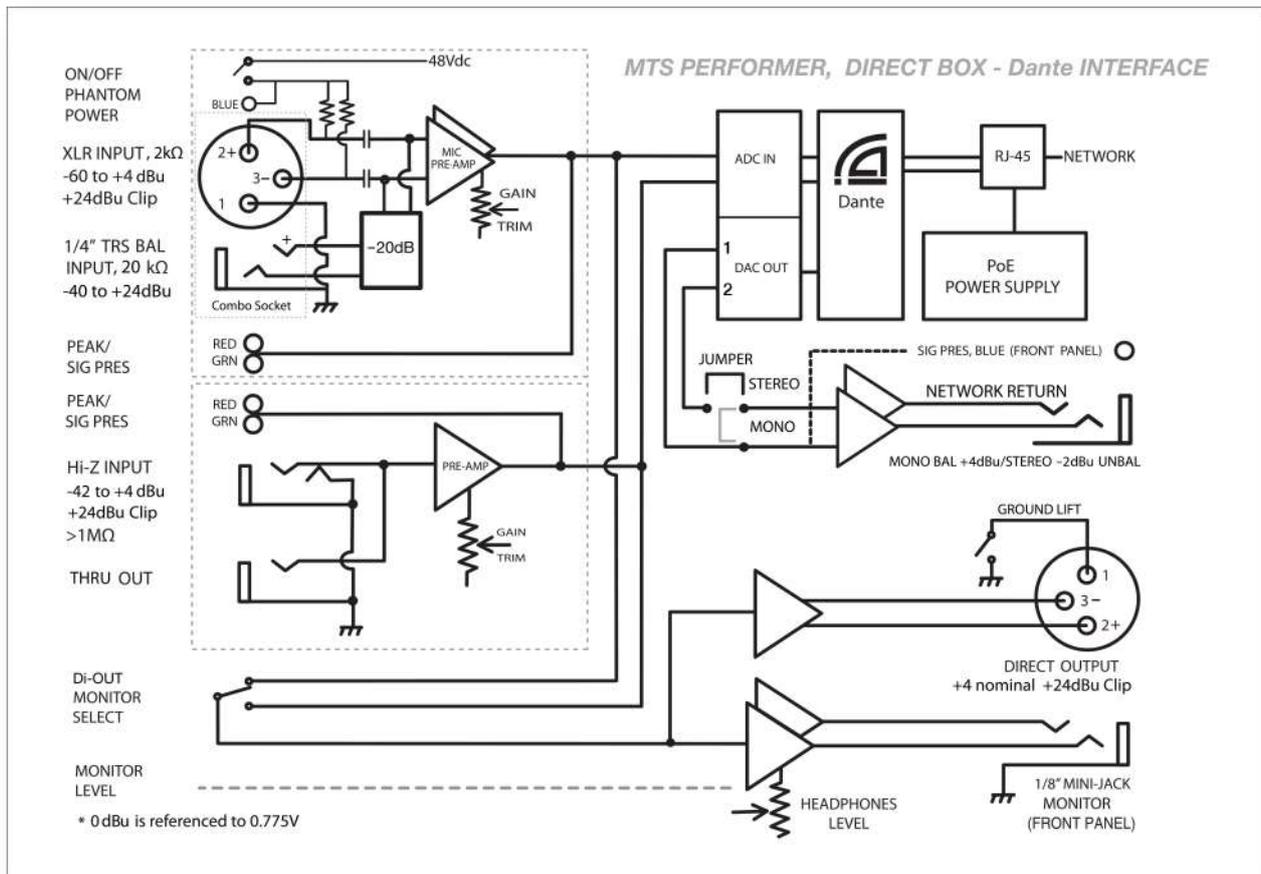
The Dante/AES67 port transmits two A-D converted feeds from respectively the Mic/Line and Hi-Z Inputs. These can be multicast-streamed to any or all of the FOH/Monitor consoles, an Effects rack/server and/or a recording system.

A pcb jumper provides the user with the option to convert the Network Return to a single channel +4dBu nominal balanced line output. The Network Return default setting is stereo/two channel output.

The Di-Out output is nominally +4dBu with +24dBu Max. The Di-Out signal follows the Phones Monitor Selection on the control panel. A Ground Lift switch is provided on this output.

The Performer is PoE powered from a suitable switch, or injector compliant with IEEE802.3af Ethernet Standard.

An optional Rack Mount kit is available that will mount either one or two Performers in a 1U rack space. Silicon rubber 'bumper' protectors are user removable.



Applications

Recording, Live Stage Performance, Post Production ADR, Networked Installations, Hotels, Convention Centers, Presentation, Paging

Specifications

Mic Input:

Frequency response, 20Hz-20kHz +/- 0.1dB.
EIN -122dB, A-weighted
60dB gain, 150Ω source
THD + noise. <0.006%
Max input level: +24dBu
Gain range: -60 to +4dBu continuous
Dynamic Range: 114dB

Di-OUT:

Output Level +4dBu nom, +24dBu peak
Dynamic Range 116.5dB
THD+N <0.006%
Input Source User selectable

Line Input:

Frequency response 20Hz-20kHz +/- 0.1dB.
THD + noise. 0.002%
Dynamic Range: 112dB
Gain Range: -40 to +24dBu
Max Input: +44dBu

Network Return:

2ch/Stereo, -2dBu, +18dBu max. 1ch balanced, +4dBu, +24dBu max

Network Send:

2 ch. Pre assigned to A-D to Dante network, from Mic/Line & Hi-Z inputs

Power:

Po.E. 1000 Base-T switch/injector to IEEE802.3af
Power consumption <7Watts.

Control Software:

Dante Controller

Weight: 770g (1 lb 11oz) Ship weight: 850g (1 lb 14oz)

Dimensions: WxHxD: 143 x 40 x 167mm, (5.6" x 1.7" x 6.8") w/o Rubber.

1U - Single/Dual Rack Mount kit available.

*Dante is a trade mark of Audinate: www.audinate.com

Hi-Z - Instrument Input:

Frequency response 20Hz-20kHz +/- 0.1dB.
EIN -110dB @45dB gain
THD + noise. <0.004%
Dynamic Range: 111dB
Max Input, Gain Min +24dBu
Input Impedance 1mΩ