



Finally, install gets the audio quality it deserves.

Designed using the latest generation of NST DSP technology, VMX88 brings no-compromise audio performance and powerful system control to Dante-networked audio installations.

VMX88 delivers all the benefits and experience of our live sound filters and dynamics algorithms in an installation product. The 8 analogue inputs have individual compressors, as well as a 24dB/Oct high pass filter, 8 bands of parametric EQ and up to 1.3 seconds of delay. The full matrix mixer allows mixing of not just the analogue inputs but also 8 channels of Dante networked inputs to any output channel. Audio channels can be routed to the 8 channels of Dante network outputs from multiple stages in the audio chain to give flexibility in system design.

All of the 8 analogue outputs have 16 bands of parametric EQ, 48dB/Oct high and low pass filters, up to 1.3 seconds of delay as well as our high performance, two-stage PXL limiters for high performance loudspeaker protection.

All analogue audio connections are on Phoenix-type 3-pin 5.08mm pitch connectors. The 4 GPI connections allow configurable actions such as fire alarm mutes and preset recalls. Up to 30 presets can be stored with recall options allowing selective recall combinations of input, matrix and output sections.

Our D-Net control software for PC, Mac and iPad gives you complete control over ethernet and wifi. The VMX88 is also fully compatible with our VR1 PoE remote control panel for simple, flexible user control. Control via third party systems such as Crestron™ is available via our simple ethernet control protocol.

VMX88 Key Features



- 8 Analogue Inputs, 8 Analogue Outputs
- Redundant Dante Network Audio Ports
- 8 Dante Input Channels, 8 Dante Output Channels (sample rates 48kHz or 96kHz)
- DSP Sample Rate : 96kHz

Input Processing Features :

- Soft Knee Compressor
- 8 Parametric EQs
- 24dB/Oct HPF
- 2 bands of Dynamic EQ
- Gain, Polarity, Delay
- Full routing mix-matrix for network and analogue audio channels

Output Processing Features :

- 16 Parametric EQs
- Crossover Filters up to 48dB/Oct
- Gain, Polarity, Delay
- 2-stage PXL Limiter

- 4 GPI ports for configurable external control
- Remote control via 100Mbps Ethernet
- Up to 30 presets may be stored for offline recall
- Compatible with VR1 PoE remote control panel
- Simple Ethernet Control Protocol enables building control system integration for Crestron™ and other similar systems.



VMX88 Technical Specifications

<p>Analogue Inputs - 8 Electronically Balanced, Phoenix connectors CMRR : >70dB @ 1kHz Maximum Level >20dBu Dynamic Range >120dB (20Hz - 20kHz A-weighted) Input Impedance : 10kΩ Balanced</p> <p>Analogue Outputs - 8 Electronically Balanced, Phoenix connectors Maximum Level >20dBu Dynamic Range >119dB (20Hz - 20kHz A-weighted) Source Impedance : <60Ω</p>	<p>Frequency Response (20Hz to 20kHz) : +/-0.05dB THD + N (-10dB @ 1kHz) : 0.001% Latency : 0.427ms (in to out, analogue at 96kHz) Power : 90-250VAC, 50-60Hz, <40W Dimensions : 44 x 170 x 482mm (1.75 x 6.75 x 19 inches) Weight : 2.2kg Net, 3.4kg Shipping</p>
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D-Net Remote Control Software

PC/Mac/iPad compatible remote control software with Ethernet access. Full control of all DSP, routing and configuration of multiple units with ability to set up systems offline and store/load presets and preset libraries.

