I/O Cards

Expansion Options

The NetMAX-1500 provides incredible flexibility in system design. Several hardware options are available which enable the NetMAX-1500 to deliver the highest audio performance in a variety of different configurations, as well as the ability to seamlessly add additional audio channels or signals. Additionally, the CM-1 allows CobraNet audio to be used for digital audio distribution over Ethernet networks.

AL-1, The AL-1 is an eight-channel analog input module for the NetMax™ System Controller. Analog audio signals are connected via screw terminal Euro block connectors. 48伏 phantom power is supplied per input channel. Best audio performance is achieved by high-end linear 24-bit converters, internally the signals are processed in 48-bit word length. The dynamic range is more than 117 dB.

AO-1, The AO-1 is an eight-channel analog output module for the NetMax™ System Controller. Audio signals are connected via screw terminal Euro block connectors. 48伏 phantom power is supplied per output channel. Best audio performance is achieved by high-end linear 24-bit converters. Internally the signals are processed in 48-bit word length. The dynamic range is more than 116 dB.

MI-1, The MI-1 is an eight-channel microphone input module for the NetMax™ System Controller. The module provides a variety of microphone input functions, e.g. programmable gain, software-receivable PGMdelay, and selectable 48伏 phantom power supply per input channel. Best audio performance is achieved by high-end linear 24-bit converters. Internally the signals are processed in 48-bit word length. The dynamic range is more than 117 dB.

DO-1, The DO-1 is an eight-channel digital output module for the NetMax™ System Controller. Digital audio signals in AES/EBU format are connected via screw terminal Euro block connectors. Best audio performance is achieved by 24-bit linear converters, internally the signals are processed in 48-bit word length.

CM-1, The CM-1 is CobraNet® expansion module for the NetMax™ System Controller. The module provides 20 input and 20 output 800Msps pending channels of CobraNet™ compatible audio signals for extending the system capability.
**Most Powerful Pro Audio Processor on the Market**

The N8000-1500 represents the state of the art for pro audio signal processing. Based on the technology inside the Electro-Voice NetMax N8000, this system has proven itself time and again in the most demanding installations and live performances. Ranging from the World Cup to Live-8, from the Houston Rodeo to Kenny Chesney’s groundbreaking tours, NetMax has established itself as a proven, roadworthy tool that can take even the most state of the art PA systems to the next level.

Now, NetMax itself advances to the next level with the N8000-1500. At the heart of the N8000-1500 is the new DSP-2 engine. Composed of three dual-core processors, the DSP-2 expands the total processing power of the N8000-1500 to 1500 MIPS. But it doesn’t stop there: the unique modular nature of NetMax’s means that each input or output card that is added to a chassis provides an additional DSP engine and another 100 MIPS of processing power. This means that a fully loaded chassis provides 1900 MIPS of processing power—at almost double the power of the original N8000. Combined with the optional CobraNet interface, NetMax’s unique monitoring and supervision options, and the multitude of control options provided by IRIS, the N8000-1500 represents the most powerful pro audio processor on the market!

**Superior Audio Performance**

The highest level of audio applications demand the highest audio performance, and NetMax delivers. High-quality audio converters deliver a stunning dynamic range of 114 dB from analog input to analog output, including all signal processing. This ensures that audio remains pure and uncolored for the most accurate signal processing and reproduction. However, NetMax also addresses other considerations for live audio applications, such as latency. The N8000-1500’s autocompiling DSP engine provides a fixed latency of 2.19 ms from analog input to analog output, far less than may competitive products.

**Full System Monitoring and Supervision**

Arguably, the most important aspect of the PA system ensuring that the PA is healthy and performing properly, IRIS-Net and NetMax provide a unique set of tools for monitoring and supervising all aspects of the system, including temperature, network status, fault conditions, and cable integrity. When used with Tour Grade Series Amplifiers equipped with RCM-26 cards, an operator is able to monitor the health of transducers, cables, and drivers in a matter of minutes, not hours. NetMax provides the supervision and control to ensure that the PA system is always operating at its best.