

NEXO nanoNXAMP4



New at ISE and NAMM 2024, a compact, lower-powered, combined amplification and processing solution from NEXO significantly reduces the cost of the French manufacturer's highly acclaimed sound systems for retail, hospitality, houses of worship and corporate installations. Available in standard and Dante-equipped versions, the 4-channel nanoNXAMP4 and nanoNXAMP4-D deliver 4 x 250W utilising highly reliable, ultra-low distortion Class D amplifiers and SMPS with PFC to provide the same sound quality and sonic signature as NEXO's larger NXAMPMK2 TD Controllers. Processing uses FIR filtering for precise system EQ and linear phase compatibility, with pre-sets available for an edited range of speakers drawn exclusively from NEXO's popular ID and ePS Series.

NEXO introduces the nanoNXAMP4 powered TD Controller

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With a universal mains voltage range of 100 to 240 Volts, the nanoNXAMP4 occupies just half a rack width, increasing channel density. The integrated DSP offers a true 4x In / 4x Out architecture with optional Dante connectivity, all without the need of external processing, leading to significant space-savings over existing NEXO amplifier solutions while also saving cost and reducing cabling. On-board mixer and matrix functions further reduce the overall cost of smaller installations, with set up and remote control enabled by an embedded web page that can be accessed via Ethernet or integrated Wi-Fi.

4x balanced / unbalanced analogue inputs essentially provide a 'double connectivity' which eases integration of the nanoNXAMP4. Balanced inputs can accommodate a dynamic microphone or professional mixer, while unbalanced inputs are perfect for connecting a Bluetooth receiver, audio streamer or a computer audio output. The nanoNXAMP4 even includes a ducking and priority function to lower background music while the microphone is in use.



Also on the rear panel, an SPDIF In / Out can be used either as a digital input or to easily distribute a stereo signal across multiple nanoNXAMP4 units. For example, the first nanoNXAMP4-D (Dante version) can connect to the various sound sources in the role of an input matrix, then a digital stereo mix can be shared among multiple units simply by daisy chaining the SPDIF In / Out, keeping a fully digital chain. A GPIO port adds facilities for an analogue volume control and a 12V trigger In / Out. And the nanoNXAMP4 doesn't just save money and rack space, it also saves energy, with a sophisticated series of intelligent standby modes helping to achieve a class-leading Energy Star rating.

Wall remote controls are available and can be configured to allow users to select sources and control volume, and the nanoNXAMP4 is compatible with industry-standard remote control protocols including Q-SYS, Symetrix, Crestron, Crestron Home, ELAN, AMX, RTI and Control 4. nanoNXAMP4 is also compatible with NEXO's own NeMo remote control and monitoring software.

Commenting on the launch, NEXO Sales and Marketing Director Gareth Collyer says: "For some time now, our dealers and distributors have been asking for a lower power, lower cost NEXO amplification and processing solution that sacrifices nothing in the areas of sound quality, scalability, flexibility and networking. As more and more hospitality operators recognise the value of high-quality sound, the new nanoNXAMP4 makes highly acclaimed NEXO ID and ePS Series loudspeaker systems

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accessible for many more venues.”

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