



SAM

SLIM AUDIO MASTER

SAM is an absolute breakthrough in the audio amplifier segment: a digital audio matrix with special features, offering unprecedented advantages and opening up new opportunities in the setup of on-board audio systems. Thanks to the digital matrix at its heart, SAM allows for a small-sized rack that can handle as many as 16 speakers, taking up only a fraction of the space of a traditional audio rack and freeing up valuable space on-board. The result of a joint development effort by Italian company Leaff Engineering and Videoworks Group's R&D division, SAM is manufactured by Leaff, and offered by Videoworks Group in exclusive for the nautical sector.



MAIN FEATURES

- Reduced size audio rack with a 16-speaker output
- Space-saving solution compared to traditional audio products.
- DSP for implementing vertical applications: shakers, ANC, Sound Enhancement
- Advanced connectivity for yacht-wide digital audio transmission, through Dante™ audio-over-IP networking
- Top rate energy efficiency, heat dissipation compatible with nautical applications
- Routing of contents from the matrix to audio outputs
- Automatic calibration procedure (PERCEPT) ensuring optimal sound quality in any environment
- Audio amplification offering a wide range of outputs, to fit customized applications and output power requirements.
- BeindSP control software allowing for simple and intuitive system set-up

- DSP Analog Devices SHARC;
- Up to 32x32 channel-count;
- 24x analog input (bal/unbal)
- SPDIF input;
- 8x analog output (bal/unbal);
- 16x amp output
- 8x8 Dante™ I/O
- 4x microphone input con phantom attivabile sui primi 4 input;
- 1x Ethernet input;
- 2x Ethernet (Dante™);
- 7x GPIO software configurable;
- Amplifier stage output power:
 - Config 1: 16 x 150W@4 Ω
 - Config 2: 4 x 300W @8 Ω + 8 x 150W@4 Ω
 - Config 3: 8 x 300 W@8 Ω
 - Config 4: 4 x 600W@4 Ω
- Software-selectable output setting
- Power supply: 100-240 VAC @ 50-60Hz.



**AALSMEER
ANCONA
CAGNES SUR MER**

**FORT LAUDERDALE
MILAN
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