

AXS 4K3 3 Channel, 4,000W power amplifier



The AXS4K3 is a state-of-the-art digital power amplifier designed for professional system integrators requiring maximum performance, reliability, and sound quality in modern commercial installations. Configured in a 2.1 architecture, the AXS4K3 enables rapid deployment in cafés, lounges, pubs, and similar venues, providing dedicated amplification for satellite loudspeakers and subwoofer channels within a single compact unit.

Built on a high-performance Class-D topology, the AXS4K3 delivers high efficiency, reduced heat generation, and substantial output capability. The amplifier incorporates a 4000 W capable output stage with a switching power supply, resulting in a lightweight, compact, and installation-friendly platform suitable for continuous high-demand operation.

The cooling system utilizes active, fan-controlled airflow common to all channels, with a front-to-back ventilation path ideal for rack mount environments. The amplifier includes a comprehensive suite of modern protection circuitry, including short-circuit, thermal, DC, and high-frequency loudspeaker protection, ensuring stable and safe operation under all load conditions.

A powerful internal DSP provides system tuning, crossover management and limiting. Programming is performed via a concealed USB port located behind the front panel; once configured, the USB connection is protected from unauthorized access. The AXS4K3 also supports External Gain and External Mute functions to meet diverse installation requirements. The system is fully compatible with Danley's VC-1 external volume controller, enabling remote gain adjustment from 0 to -60 dB relative to the preset system level. All DSP parameters and system configurations are managed through AXS-Control, an intuitive PC software package designed for fast setup and reliable daily operation.

SPECIFICATIONS AXS 4K3

PERFORMANCE	
Number of channels	3 class D
RMS 4 Ohm	2 x 1000W + 1 x 2000W
RMS 8 Ohm	2 x 500W + 1 x 1200W
Bridge mode	Not Available
AC Power	120VAC
Frequency response	20-20kHz (+/- 0.5 dB)
Total harmonic distortion	0.02% (1kHz, 8 Ohm)
Damping factor	>200 (8 Ohm, 1kHz)
Signal-to-noise	96dB (unweighted)
Cooling	Forced front-to-back, including dust filter

PHYSICAL	
Dimensions	H: 3.75" x W: 19" x D: 17.5" / 96 x 482 x 444 mm
Weight	26.5 lbs. / 12 kg



To view product details or download additional specs or presets, please visit <https://www.danleysoundlabs.com>