

# AXS 88

2 x 8" Ultra-compact subwoofer



The AXS88 is a high-output, compact subwoofer system engineered around a dual-driver, front-loaded vented topology. The enclosure houses two 8-inch long-excursion low-frequency transducers, optimized for linear displacement and high thermal capacity. The system uses a precision-tuned bass-reflex alignment, with the port geometry engineered to minimize turbulence and compression artifacts under high operating SPL. The vent is tuned to 42 Hz, providing controlled low-frequency extension and maintaining stability during high-power, long-duration program material.

The cabinet's small form factor enables installation in constrained acoustic environments. This makes the AXS88 particularly suitable for distributed bass systems in bars, restaurants, hospitality venues, and compact entertainment spaces where traditional large-format subwoofers are impractical.

The enclosure is constructed from 11-ply, 15 mm birch plywood, selected for its stiffness-to-weight ratio and structural damping characteristics. A weather-resistant, black anti-scratch coating provides durability in demanding environments. Driver protection is ensured by a 1.5 mm perforated steel grille, designed to meet mechanical impact resistance requirements while maintaining minimal acoustic impedance.

For optimal system integration, use Danley AXS amplifiers, which offer DSP for precise tuning, protection, and performance optimization.

## SPECIFICATIONS **AXS 88**

PERFORMANCE	
Operating Mode	Passive single channel - 16 Ohm
Operating Range	35Hz - 400Hz
Coverage Pattern	Omni
Transducers	2 x 8" long excursion woofers
Power Handling	300W
Sensitivity	89 dB SPL (1W / 1m)
Output	100 dB cont. / 115 dB Max

PHYSICAL		
Connections	Dual Neutrik NL4	
Mounting / Suspension Points	Not available	
Dimensions / Weight	H: 9.8" x W: 22.44" x D: 13.77" / 236 x 334 x 230 mm / 33 lbs / 15 kg	
Finish	Black enclosure w/ matte black grille White enclosure w/ matte white grille	
Enclosure Material	15mm 11-ply Baltic Birch,	

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

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### ARCHITECT/ENGINEERING

The AXS 88 ultra-compact subwoofer is a product of Danley Sound Labs. The specified coverage pattern for the loudspeaker is omni directional. Its operational frequency range is defined from 40Hz to 400Hz, with a tolerance of -10dB. When subjected to an input of 2.83V, the loudspeaker's sensitivity is 89 dB SPL at a standardized distance of 1 meter. The AXS 88 is capable of delivering peak audio levels of 115 dB SPL and continuous audio levels of 100 dB SPL, both referenced at 1 meter. The loudspeaker handles continuous power of 300 watts. The construction material for the AXS 88 is 15mm 11-ply Baltic birch plywood.

#### Frequency and Phase Response

$r = 2 \text{ m}$ ,  $\phi = 0^\circ$ ,  $\theta = 0^\circ$ , Reference: 1 m, 4 V, smoothed 6/oct., Delay removed: 3.2 ms

