

AXS 15

 15" Compact subwoofer

The AXS15 is a compact, high-output subwoofer system engineered around a 15-inch long-excursion low-frequency transducer housed in a front-loaded, bass-reflex enclosure. The dual-vent system is optimized to minimize turbulence and port compression under high-SPL conditions, with a tuning frequency of 35 Hz to deliver extended low-frequency performance and stable operation at elevated power levels.

The cabinet's small form factor enables installation in constrained acoustic environments. This makes the AXS15 particularly suitable for distributed bass systems in bars, restaurants, hospitality venues, and compact entertainment spaces where traditional large-format subwoofers are impractical. Despite its compact footprint, the system provides high output and reliable performance for demanding program material.

The enclosure is constructed from 13-ply, 18 mm birch plywood, selected for its structural rigidity and acoustic damping properties. A durable black anti-scratch coating protects the cabinet in high-traffic or installed environments. The front of the system is protected by a 2 mm perforated steel grille, providing robust mechanical protection against external impact without compromising acoustic transparency.

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

SPECIFICATIONS **AXS 15**

| PERFORMANCE | |
|------------------|--------------------------------|
| Operating Mode | Passive single channel - 8 Ohm |
| Operating Range | 35Hz - 400Hz |
| Coverage Pattern | Omni |
| Transducers | 15" long excursion woofer |
| Power Handling | 600W |
| Sensitivity | 96 dB SPL (1W / 1m) |
| Output | 108 dB cont. / 123 dB Max |

| PHYSICAL | | |
|------------------------------|--|--|
| Connections | Dual Neutrik NL4 | |
| Mounting / Suspension Points | Not available | |
| Dimensions / Weight | H: 18.3" x W: 23.8" x D: 19.3" / 465 x 605 x 490 mm / 75 lbs / 34 kg | |
| Finish | Black enclosure w/ matte black grille White enclosure w/ matte white grille | |
| Enclosure Material | 18mm 13-ply Baltic Birch | |

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

ARCHITECT/ENGINEERING

The AXS 15 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 35Hz to 400Hz, with a tolerance of -10dB. When subjected to an input of 2.83V, the loudspeaker's sensitivity is 96 dB SPL at a standardized distance of 1 meter. The AXS 15 is capable of delivering peak audio levels of 123 dB SPL and continuous audio levels of 108 dB SPL, both referenced at 1 meter. The loudspeaker handles continuous power of 600 watts. The construction material for the AXS 15 is 18mm 13-ply Baltic birch plywood.