

HQ-218

High efficiency Installation subwoofer



- » Direct radiator high power subwoofer
- » Dual 18" long excursion neodymium speakers
- » 2000 W RMS power handling
- » To be used in conjunction with HQ-112.xx models

The D.A.S. HQ-218 is a high-performance externally powered bass-reflex subwoofer system for use in active installed systems where bass reinforcement is required.

The HQ-218 system is intended as a flyable point source system where very high sound pressure levels are in order, such as indoor or outdoor sport venues, stadiums, arenas, etc. It can be flown in the same array in conjunction with other units as the HQ-112.43, HQ-112.64 and HQ-112.95.

The system comprises one frequency section that is easily accessed through NL-4 connectors or covered barrier strip terminals.

The HQ-218 houses two D.A.S. 18LXN, 18" cone transducer configured as a direct radiators. This long excursion driver features a 4" edgewound coil, massive magnetstructure and carefully engineered cooling scheme, resulting in high power handling and low power compression.

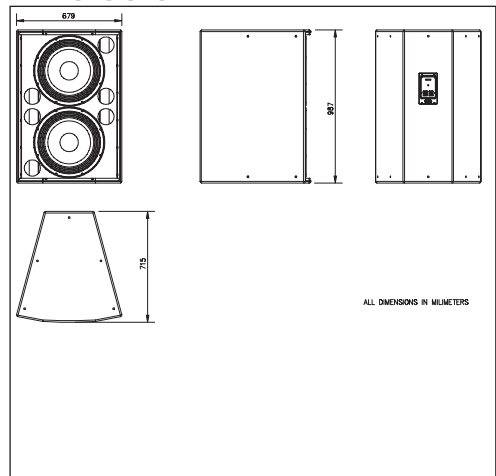
The enclosure is manufactured from multi layer birch plywood and it is finished as a standard version (CX) with black ISO-flex polyurea paint. Totally exposed systems can be finished in fiber-glass. System IP rating is IP-54.

The cabinet includes 20 x M10 rigging points that are intended to fix stainless steel plates to create clusters.

Technical Specifications

Frequency Range (-10 dB)	50 Hz - 125 Hz
RMS (Average) Power Handling⁽¹⁾	2000 W
Peak Power Handling	8000 W
On-Axis Sensitivity 1 W / 1 m	101 dB SPL
Rated Maximum Peak SPL at 1 m⁽²⁾	140 dB SPL
Transducers/Replacement Parts	2 x 18LX / GM 18 LX
Nominal Impedance	4 ohms
Enclosure Geometry	Trapezoidal
Enclosure Material	Birch Plywood
Color/Finish	CX: Black ISO Flex Black Paint DX: Fiberglass/Military Grey Pantone 402C
Rigging Points	20 x M10 threaded inserts
Connectors	2 x NL-4 Covered Barrier Strip
Dimensions (H x W x D)	98.7 x 67.9 x 71.5 cm 39.4 x 27.2 x 28.2 in
Weight	67 kg (147.4 lbs)
Accessories	ANL-2 - M10 Stainless steel rigging kit

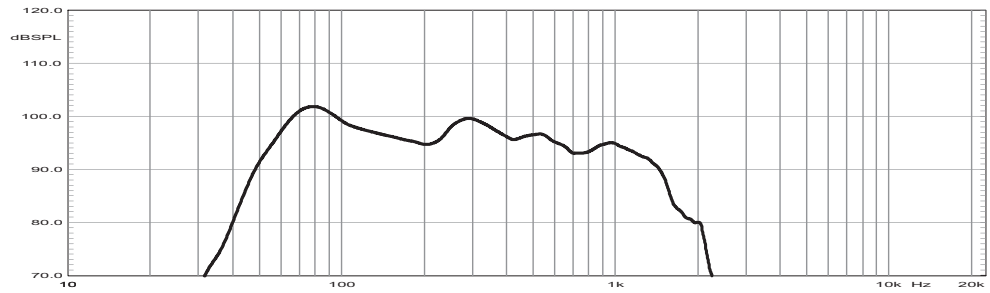
Dimensions



¹ Corresponds to the AES power handling rating for the component, based on a 2 hour test using a 6 dB crest factor bandlimited pink noise signal.
² Corresponds to the signal crests for the test described in ¹.

Frequency Response

Shows the frequency response at 1 m of a unit radiating to an anechoic environment and driven by a 2 V swept sine wave signal.



18LX long-excursion low distortion loudspeaker

NOTES. 1.Frequency response: referred to 1 m; low end obtained through the use of near field techniques; one-third octave smoothed for correlation with human hearing.

Product improvement through research and development is a continuous process at D.A.S. Audio. All specifications subject to change without notice.



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