

LX-218A

aero
series



FEATURES

- » High performance powered subwoofer system
- » Two 18LX long-excursion loudspeakers
- » 2400 W Class D amplifier
- » Bass-reflex configuration
- » "R" version with captive rigging system

SPECIFICATIONS

Nominal Amplifier Power:	2400 W
Input Type:	Balanced
Input Impedance:	20 kohms
Sensitivity:	Line: 1.95V (+8 dBu)
On-axis Frequency Range:	28 Hz - 100 Hz
Rated Peak SPL at Full Power:	142 dB
Enclosure Material:	Birch Plywood
Finish:	Black Paint
Transducers/Replacement Parts:	LF: 2 x 18 LX/GM 18LX
Connectors:	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: PowerCon AC OUTPUT: PowerCon
AC Power Requirements:	Universal Mains, 85 - 230 V (dual voltage)
LX-218A Dimensions (H x W x D):	55 x 128 x 65 cm (22 x 51 x 26 in)
LX-218RA Dimensions (H x W x D):	55 x 135 x 69 cm (22 x 54 x 28 in)
Weight:	LX-218A 73.5 kg (161.7 lb) LX-218RA 87.5 kg (192.5 lb)
Accessories (optional):	AX-AERO38 Bumper AX-AERO48 Bumper KITR-LX218 Rigging Hardware Kit (included with "R" version) KITW-100 Caster Kit PL-LX218 Dolly Panel (only included with "R" version) PL-218S Flat Bed Dolly

INTRODUCTION

The D.A.S. LX-218A is a high-performance powered vented subwoofer system.

The LX-218RA version is intended as flyable subwoofer for the Aero line array systems.

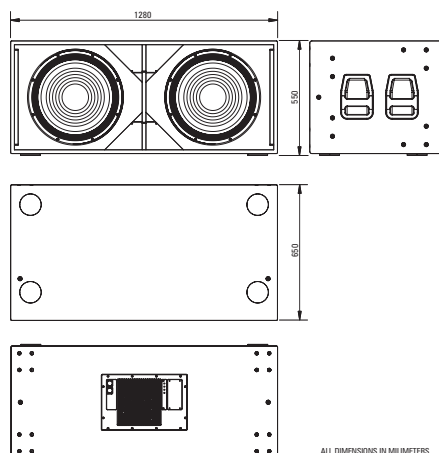
DESCRIPTION

The units utilize two 18LX long-excursion 18" low frequency speakers with 4" voice coil. Improved voice coil materials, magnet circuit and surround design provide high power handling, low power compression and low distortion.

The system incorporates a 2400 W 3rd generation Class D switching amplifier, powering the low-frequency transducers.

The rectangular enclosures are manufactured from 18 mm plywood and are finished with a polyurethane paint that provides protection against the elements and abrasion.

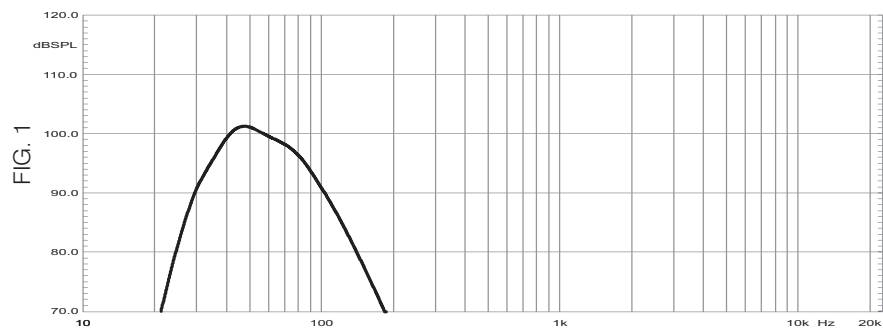
The units have a fabric covered steel grille to protect the loudspeaker components. The fabric covering is resistant to wear and tear, provides protection from dust and dirt, and is both acoustically transparent and flame retardant.



LX-218A

FREQUENCY RESPONSE

Figure 1 shows the frequency response at 1 m of a unit radiating to an anechoic environment and driven by a swept sine wave signal (-20 dBu input).



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.



18LX long-excursion low distortion loudspeaker

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