

LX-118A

Arrayable powered subwoofer system



- » 2400 W_{peak} Class D amplifier with universal mains
- » Remote Monitoring and Control via DASnet™
- » DASnet™ cardioid preset selection
- » DASnet™ Low Pass filter selection
- » Front located connectors for cardioid configurations

The LX-118A makes use of the 18LXN neodymium loudspeaker equipped with a 4" voice coil. Improved voice-coil materials, magnet circuit and surround design provide high power handling, low power compression and low distortion. The LX-118A offers a frequency range of 40 Hz – 140 Hz yielding a maximum peak SPL of 135 dB.

The system incorporates a 1200 W_{continuous}, universal mains, Class D switching amplifier. Remote monitoring and control is provided by way of DASnet™, the audio management application for D.A.S. powered cabinets and processors. A family of Low Pass filters can be selected using DASnet™ or the controls on the amplifier's rear panel. For each selection a cardioid preset is also

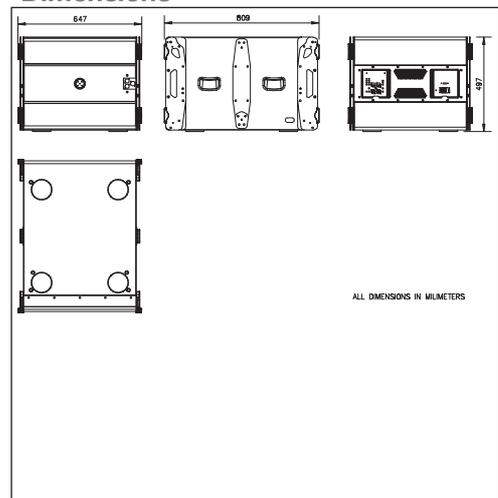
available. Front located connectors (power, audio and DASnet™) allow easy installation when using cardioid configurations.

The enclosure is constructed using Birch plywood and makes use of extensive bracing to eliminate resonances. The woodwork is finished with the robust D.A.S. ISO-flex protective coating for durability. The captive rigging hardware allows the Aero 20A to be flown directly below the subwoofer unit without the need for adaptors.

Technical Specifications

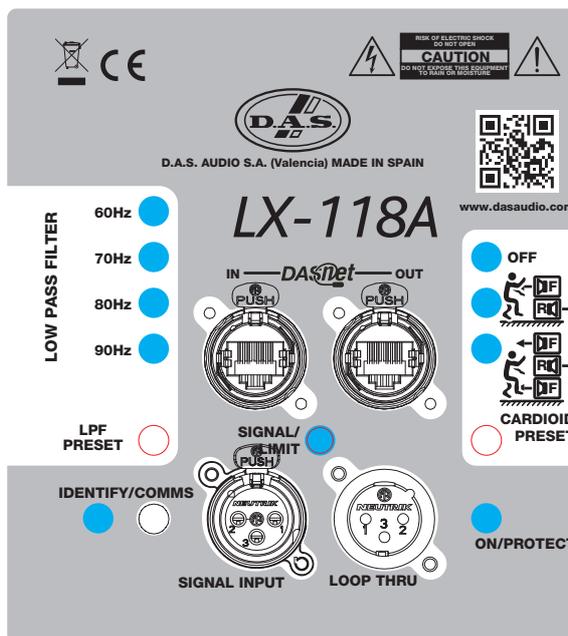
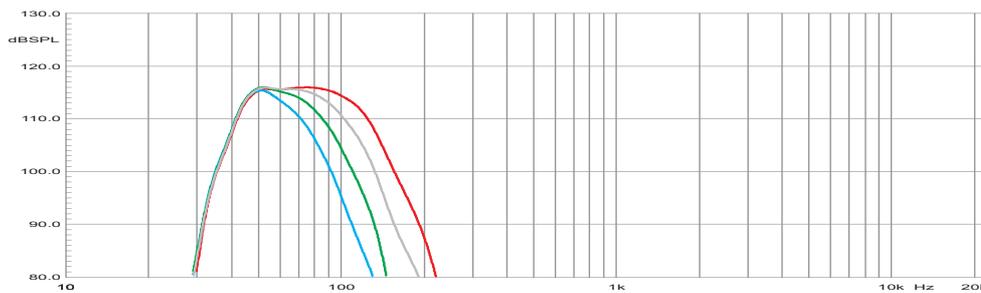
Power Amplifier¹	2400 W _{peak} - 1200 W _{continuous}
Input Type	Balanced Differential Line
Input Impedance	Line: 20 kohms
Sensitivity	Line: 4.9 V (+16 dBu)
On-axis Frequency Range (-10 dB)	40 Hz - 140 Hz (variable LPF)
Maximum Peak SPL at 1 meter	135 dB
Enclosure Material	Birch Plywood
Finish	Black ISO-flex Paint
Transducers/Replacement Parts	1 x 18LXN / GM 18LX
Connectors	Audio INPUT: Female XLR Audio LOOP THRU: Male XLR Audio + Data INPUT: etherCON Audio + Data LOOP THRU: etherCON AC INPUT: powerCON TRUE 1 AC OUTPUT: powerCON TRUE 1
AC Power Requirements	115 V, 6 A, 50 Hz/60 Hz 230 V, 3 A, 50 Hz/60 Hz
Dimensions (H x W x D)	50 x 65 x 81 cm 19.7 x 25.6 x 31.9 in
Weight	47 kg (104 lb)
Accessories (optional)	AX-LX-118 S2

Dimensions



1. Continuous power at driver impedance.

Frequency Response
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). Red: LPF 90 Hz. Grey: LPF 80 Hz. Green: LPF 70 Hz. Blue: LPF 60 Hz.



LX-118A signal input panel

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.



D.A.S. Audio S.A.
C/ Iles Balears, 24
46988 Fuente del Jarro
Valencia - SPAIN
Tel. 961 340 525 - Tel. Intl. +34 961 340 860
Fax 961 340 607 - Fax Intl. +34 961 340 607

D.A.S. Audio of America Inc.
Sunset Palmetto Park - 6816 NW 77th Court
Miami, FL 33166 U.S.A.
Tel. 305 436 0521 - Fax. 305 436 0528
Toll Free: 1 888 DAS 4 USA

D.A.S. Audio Asia Pte. Ltd.
25 Kaki Bukit Crescent # 01-00/ 02-00
Kaki Bukit Technpark 1 - Singapore 416256
Co. Reg. No. 200704134E
Tel. +65 6742 0151 - Fax. +65 6742 0157

www.dasaudio.com