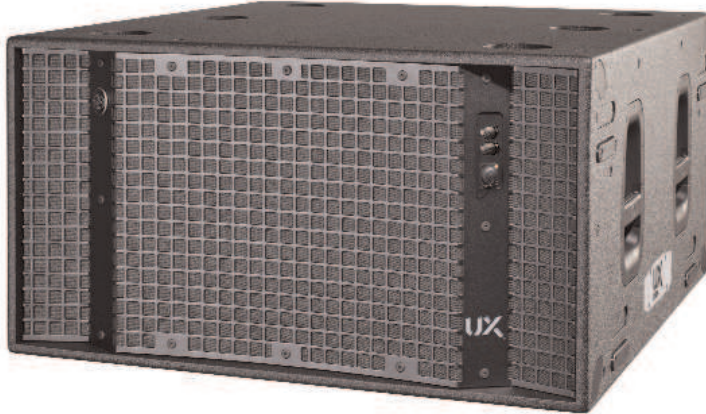


UX-218A

Powered ultra low frequency sub-woofer system



» 2 x 1700 W 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

» Dual 18" subwoofer, 4" VC

The UX-218A makes use of two 18" loudspeakers with impressive specifications. The 18UXN4 loudspeakers are equipped with 4" voice coils, a remarkable 52 mm peak-to-peak excursion, and powerful neodymium magnet assemblies. Efficient ventilation of the voice coil gap provides for a high thermal rating, and reduced power compression.

The UX-218A amplifier offers 2 x 1700 W_{continuous} and incorporates the latest in Class D power amplification. A high efficiency, low consumption universal power supply with Power Factor Correction (PFC) allows for fail-safe use worldwide. State-of-the-art electronic design such as the fixed frequency switch mode output stage provides for the highest grade of audio accuracy. A

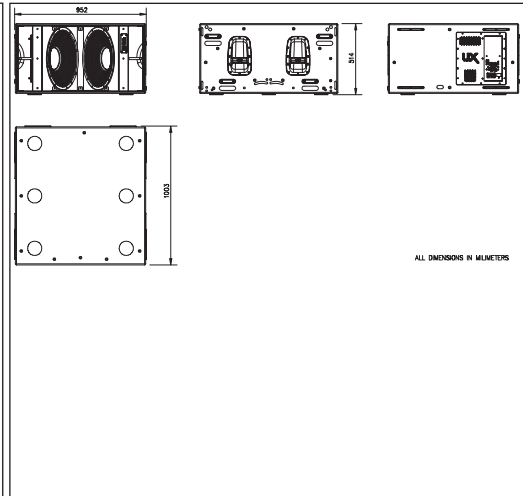
comprehensive set of "smart" protections include thermal, over current, short circuit and overload on the output, clip limiter and high frequency protection keeping the amp and acoustic components safe.

The enclosure is constructed using 18 mm 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. A dolly platform with locking casters denominated the PL-UX218S is offered to stack and move the systems. Protection during transport is provided by the optional covers available from D.A.S.

Technical Specifications

Power Amplifier ¹	2 x 1700 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) ²	28 Hz - 125 Hz (variable LPF)
Maximum Peak SPL at 1 meter ³	143 dB
Enclosure Material	Birch Plywood
Finish	Black ISO-flex Paint
Transducers/Replacement Parts	2 x 18UXN4 / GM 18UXN4
Rigging System	Ground Stackable / Rigging "R" version
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 Requirements	Universal Mains 85 - 230V
Current Draw (1/3 power)	9 A at 115V, 4.5 A at 230V
Dimensions (H x W x D)	51.4 x 95.2 x 100 cm 20.3 x 37.5 x 39.4 in
Weight	92 kg (202 lb)
Accessories (optional)	ANL-2, AX-UX218, FUN-2UX218, FUN-3UX218, PL-UX218S, KITR-UX218

Dimensions



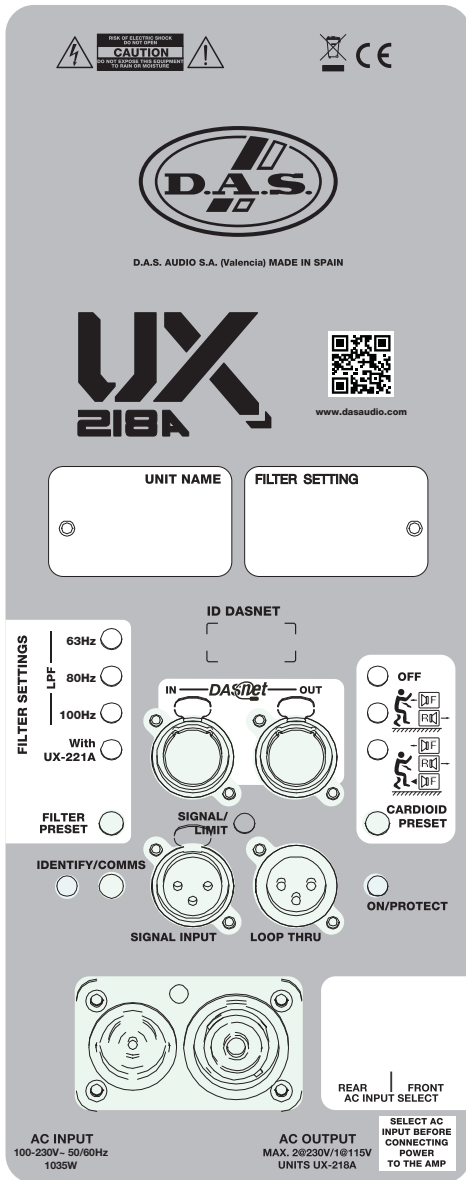
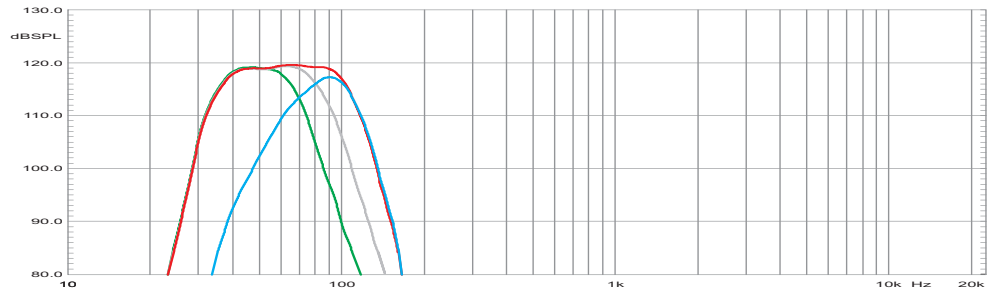
1. Continuous power at driver impedance.

2. Frequency range measured with Low Pass filter set up at 100Hz. Amplifier includes three different Low Pass Filters (63Hz, 80Hz, 100Hz) and a dedicated preset when combined with UX-221A.

3. Maximum calculated PEAK SPL based on sensitivity and PEAK amplifier power.

Frequency Response

Shows the frequency response at 1 m of a unit radiating to an semi-anechoic environment and driven by a swept sine wave signal (-20 dBu input). Red: LPF 100 Hz. Grey: LPF 80 Hz. Green: LPF 63 Hz. Blue: UX-221A combination preset.



UX-218A rear input panel



UX-218A's DASnet capture view

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.