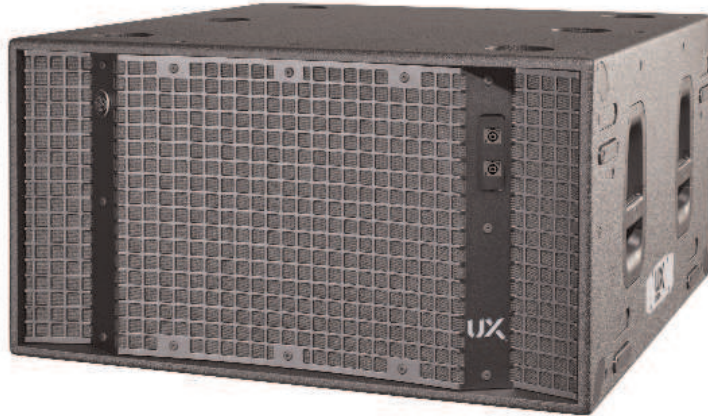


UX-218

High power ultra low frequency
subwoofer system

- » Twin 18" Neodymium loudspeakers with 4" voice coils
- » Impressive 52 mm peak-to-peak excursion
- » Solid 18 mm Birch plywood construction with extensive bracing
- » Front located connectors for cardioid configurations

The UX-218 is a high-power ultra low frequency subwoofer system designed to provide outstanding performance in terms of output power, bandwidth extension and distortion.

The UX-218 comprises two 18UXN loudspeakers equipped with 4" voice coils and offers a power handling capacity of 4400 W_{peak} each loudspeaker. The impressive 52 mm peak-to-peak excursion, powerful neodymium magnet assembly and double silicone spider with optimized compliance provide for commanding low frequency response.

The enclosure is constructed using 18 mm Birch plywood and makes use of extensive bracing to eliminate

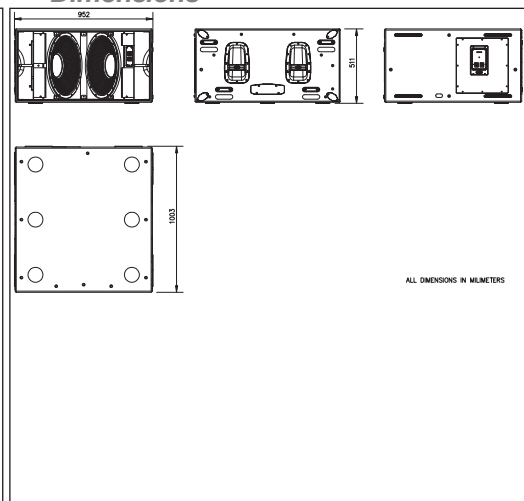
resonances. The woodwork is finished with the robust D.A.S. ISO-flex protective coating for durability.

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

Frequency Range (-10 dB)	28 Hz - 125 Hz
RMS (Average) Power Handling ⁽¹⁾	2200 W
Peak Power Handling	8800 W
On-Axis Sensitivity 1 W / 1 m	103 dB SPL
Rated Maximum Peak SPL at 1 m ⁽²⁾	143 dB SPL
Transducers/Replacement Parts	2 x 18UXN / GM 18UXN
Nominal Impedance	4 ohms
Enclosure Material	Birch Plywood
Color/Finish	Black ISO Flex Black Paint
Connectors	4 x NL-4 speakON (2 rear, 2 front) paralleled , wired to ±1
Dimensions (H x W x D)	51.4 x 95.2 x 100 cm 20.3 x 37.5 x 39.4 in
Weight	87 kg (192 lb)
Accessories	ANL-2 AX-UX218 FUN-2UX218 FUN-3UX218 PL-UX218S KITR-UX218

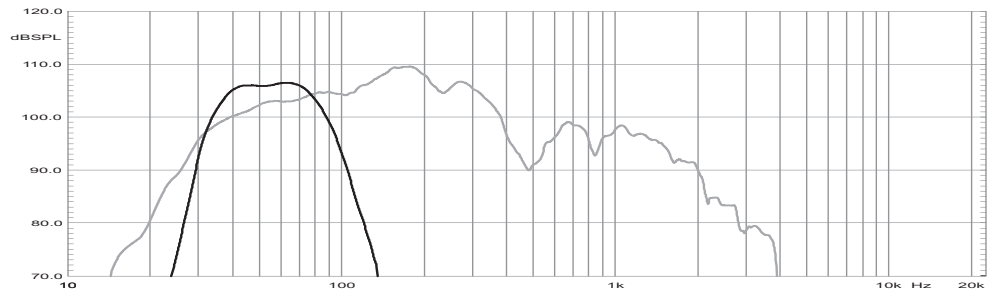
Dimensions



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 in¹.

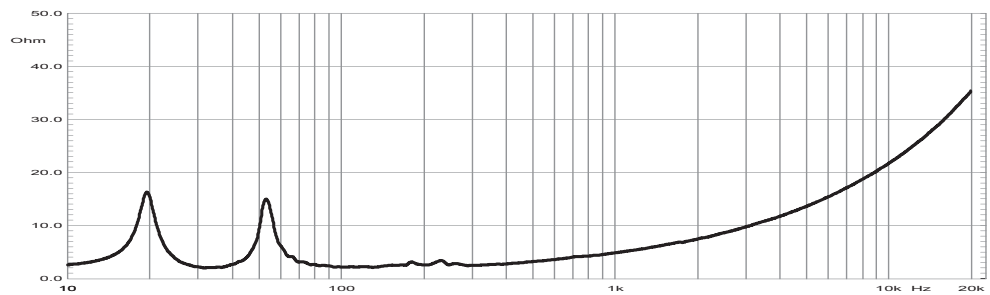
Frequency Response

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 (both drivers connected in parallel). Grey unprocessed, black with DSP 4080 recommended settings.



Impedance

Shows impedance curve.



Recommended signal processing

- LR-48 25 Hz
- LR-48 99 Hz

Recommended amplifier power

2800 W @ 4 ohms (D-100 amplifier can drive up to 4 UX-218 units)

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.