

UX-221A

Powered ultra low frequency sub-woofer system



- » 2 x 3400 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 21" subwoofer, 6" VCd

The UX-221 make use of two 21" loudspeakers with impressive specifications. The 21UXN loudspeakers are equipped with 6" voice coils, a remarkable 60 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-221A amplifier offers 2 x 3400 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

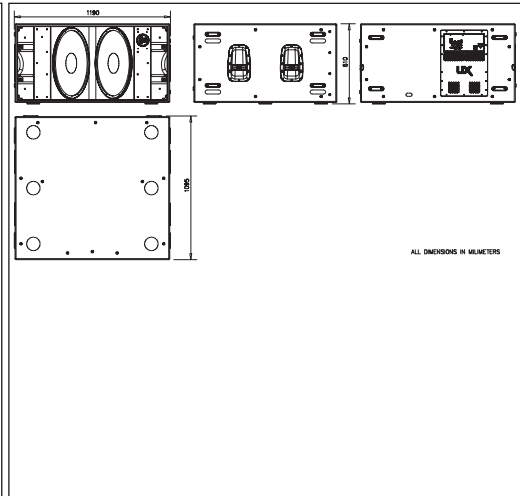
comprehensive set of "smart" protections include thermal, over current, short circuit and overload on the output, clip limiter and high frequency protection keeping the amp and acoustic components safe.

The enclosure is constructed using 21 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-221S is offered to stack and move the systems. Protection during transport is provided by the optional covers available from D.A.S.

Technical Specifications

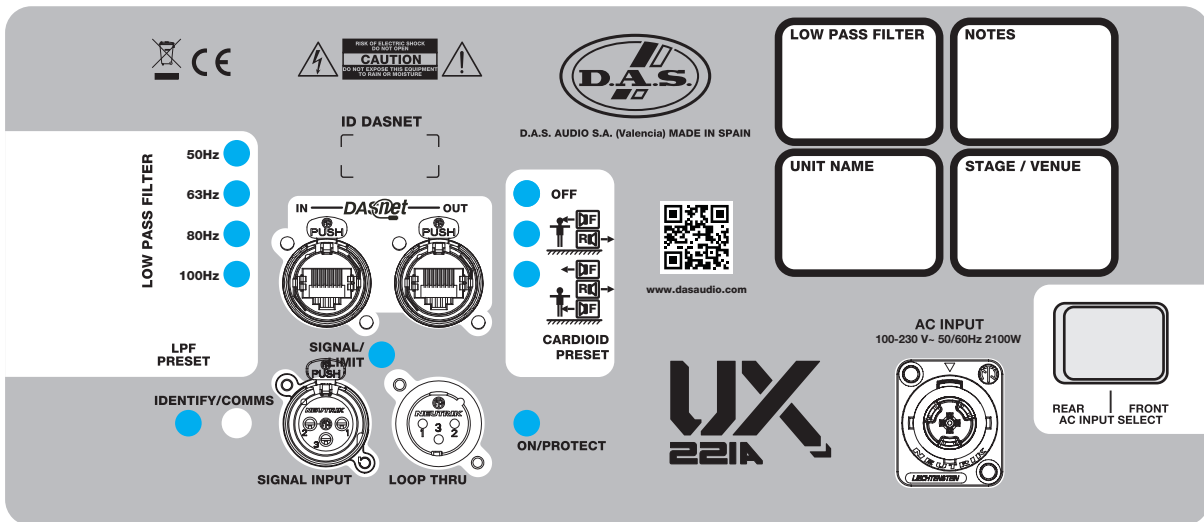
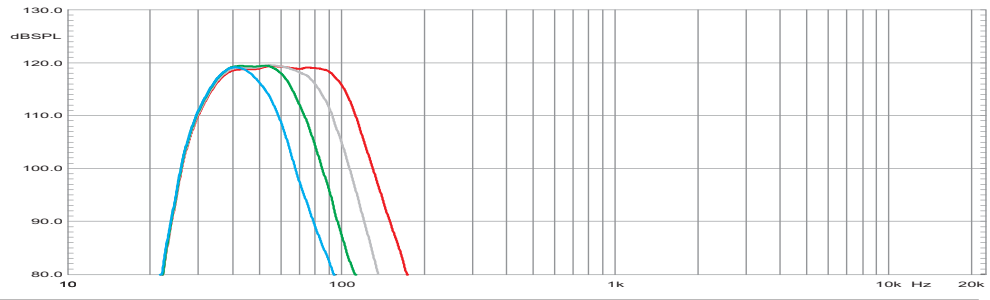
Power Amplifier¹	2 x 3400 W _{continuous}
Input Type	Balanced Differential Line
Input Impedance	Line: 20 kohms
Sensitivity	Line: 4.9 V (+16 dBu)
On-axis Frequency Range (-10 dB)	28 Hz - 125 Hz (variable LPF)
Maximum Peak SPL at 1 meter	145 dB
Enclosure Material	Birch Plywood
Finish	Black ISO-flex Paint
Transducers/Replacement Parts	2 x 21UXN / GM 21UXN
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)	18.4 A at 115V, 9.2A at 230V
Dimensions (H x W x D)	60 x 120 x 110 cm 23.6 x 47.2 x 43.3 in
Weight	150 kg (330 lb)
Accessories (optional)	ANL-2 - M10 Stainless steel rigging kit

Dimensions



1. Continuous power at driver impedance.

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: LPF 50 Hz.



UX-221A rear 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.