

UX
series



UX 218A

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 15/07/2024



SOUND WITH SOUL

KEY FEATURES

- Powered high performance subwoofer system
- 2 x 3400 W_{peak} Class "D" amplifier
- DASnet™ capable
- Two new 18UXN4 longexcursion loudspeakers
- Front loaded crossfire configuration

DESCRIPTION

The UX-218A joins the new range of UX Series subwoofer systems in both powered and passive versions. The UX-218A makes use of two 18UXN4 transducers. The new loudspeaker designed and manufactured by DAS offers impressive features such as a 4" sandwich split winding voice coil, a remarkable 52 mm peak to peak excursion, and a powerful FEA optimized neodymium magnet assembly. Thanks to the double silicon spider, the 18UXN4 controls the moving mass with high linearity. An aluminum demodulating ring benefits lower distortion and effective 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.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	28 Hz-125 Hz
Maximum Peak SPL at 1 m	143 dB

Electronics and Connectors

Nominal Amplifier Power (continuous)	2 x 1700 W
Nominal Amplifier Power (peak)	2 x 3400 W
Input Type	Balanced
Input Impedance	20 kohms
Input Sensitivity	4.9 V (+16 dBu)
Audio Signal Input Connector	1 x Female XLR
Audio Signal Loop Thru Connector	1 x Male XLR
Audio/Data Input Connector	etherCON
Control	DASnet™
Audio + Data Loop Thru Connector	etherCON
AC Output Connector	powerCON TRUE1
Current Draw 230 V / 115 V	4.5 A/9.0 A

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Rectangular
Rigging	M10 Rigging Points
Finish	ISO-flex Paint
Color	Black

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Dimensions (H x W x D)	515 x 955 x 1.005 mm 20,3 x 37,6 x 39,6 in
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Net Weight	87,5 kg (192,9 lb)
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Components

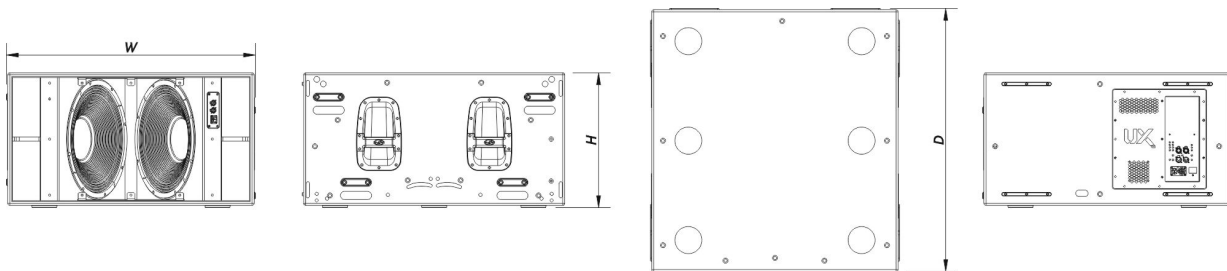
LF Driver	18UXN4
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Shipping

Carton Dimensions (H x W x D)	560 x 1.020 x 1.055 mm 22,0 x 40,2 x 41,5 in
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Shipping Weight	96,0 kg (211,6 lb)
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DIMENSIONS



ORDERING INFORMATION

Model	Description	P/N
System		
UX-218A		10424900
Replacement Parts		
18UXN4	Transducer	20208930

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DIGIMOD-3000	Amplifier	30008115
GM-18UXN4	Recone Kit	20208520
KIT-DSP-UX-218A	Dsp	20406563
MP-UX-218A	Power Module	30006064

Accessories

ANL-2	Rigging Accessories	10101020
AX-UX218	Rigging Accessories	10102931
EC-09	Electronic Accessories	20502110
EC-2	Electronic Accessories	20502120
EC-20	Electronic Accessories	20502130
EC-30	Electronic Accessories	20502140
ECP-20	Electronic Accessories	20502080
ECP-3	Electronic Accessories	20502060
ECP-30	Electronic Accessories	20502070
ECPK-1	Electronic Accessories	20502090
ECPK-20	Electronic Accessories	20502180
ECPK-5	Electronic Accessories	20502100
FUN-2-UX218	Transport Accessories	10103760
FUN-3-UX218	Transport Accessories	10103770
PICKUP-AX-AE40S3	Rigging Accessories	10102810
PL-UX218S	Transport Accessories	10113241
PLINK1-09	Electronic Accessories	20502150
PWCONLINK-09	Electronic Accessories	20502210

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