

Altea 700



ALTEA-718A

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 23/07/2024



SOUND WITH SOUL

KEY FEATURES

- Powered subwoofer system
- Lightweight Class D amplifier
- High efficiency 18" loudspeaker
- DAScontrol™ for easy setup and adjustment
- 24-bit high-end DSP with LCD screen
- Integrated rigging points and pole mount socket

DESCRIPTION

The ALTEA-718A is a powered subwoofer system designed to provide extended bass response for the ALTEA full-range cabinets. At the heart of the system is a DAS 18FW4 bass loudspeaker. This loudspeaker incorporates a FEM optimized high-efficiency speaker design and an extended 3" voice coil for long excursion. Cooling is assured thanks to the 18FW4's vented pole piece and abundant apertures in the speaker's back plate keeping power compression to a minimum while providing high acoustic output over extended periods.

Driving the DAS 18FW4 loudspeaker is a cutting-edge 1200 W_{peak} Class D amplifier. On the rear panel a balanced input connector and stereo "loop thru" output connections are available to provide signal for ALTEA satellite systems. Thanks to the digital presets accessible by way of a DAScontrol™ interface on the rear of the cabinet, setting up a combo system with ALTEA full-range systems is easy.

The ALTEA-718 is the passive version for use with external amplification and outboard DSP.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	45 Hz - 138 Hz
Maximum Peak SPL at 1 m	134 dB

Electronics and Connectors

Nominal Amplifier Power (continuous)	600 W
Nominal Amplifier Power (peak)	1200 W
Input Type	Balanced
Input Impedance	20 kohms
Input Sensitivity	1.95 V (+8 dBu)
Audio Signal Input Connector	2 x Female XLR
Audio Signal Loop Thru Connector	2 x Male XLR
Control	DAScontrol™
Current Draw 230 V / 115 V	1.4 A/2.8 A

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Rectangular
Rigging	M10 Rigging Points
Finish	ISO-flex Paint
Color	Black
Dimensions (H x W x D)	720 x 545 x 650 mm 28,4 x 21,5 x 25,6 in
Net Weight	42,0 kg (92,6 lb)

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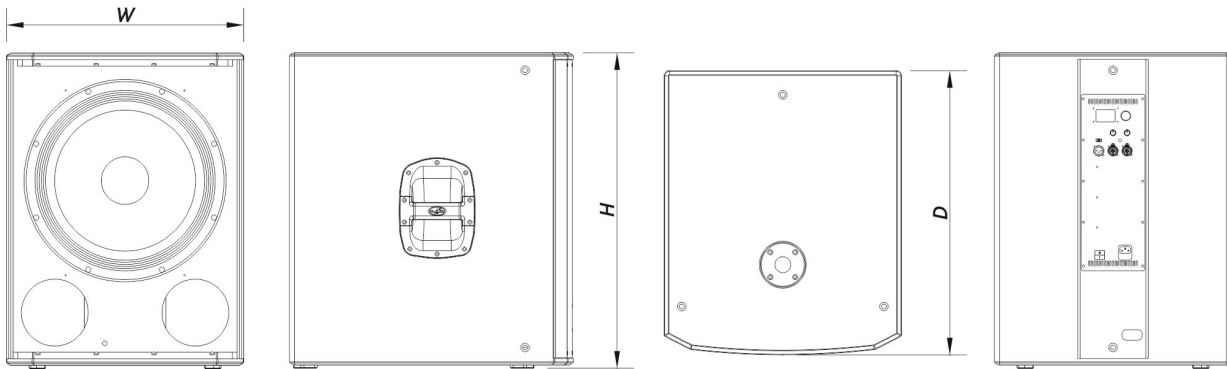
Components

LF Driver	18FW4
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Shipping

Carton Dimensions (H x W x D)	820 x 600 x 700 mm 32,3 x 23,6 x 27,6 in
Shipping Weight	46,5 kg (102,5 lb)

DIMENSIONS



ORDERING INFORMATION

Model	Description	P/N
System		
ALTEA-718A		10404959
Replacement Parts		
18FW4	Transducer	20208982
DSP-ALTEA-718A	Dsp	20406580

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GM-18FW4	Recone Kit	20208532
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Accessories

ANL-2	Rigging Accessories	10101020
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FUN-VT18	Transport Accessories	10103740
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TRD-6	Installation & Stacking Acc.	10104470
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TRD-7	Installation & Stacking Acc.	10104471
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