

event
line array



EVENT-118A

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 15/10/2024



SOUND WITH SOUL

KEY FEATURES

- Active front-loaded subwoofer system
- 1 x 18" DAS 18FW4N loudspeaker
- High-efficiency Class D amplifier with SMPS
- Dual voltage mains for use anywhere in the world
- Easy system configuration thanks to DAScontrol™
- High-end 24-bit DSP with LCD screen
- EVENT-28A compatible rigging hardware

DESCRIPTION

The EVENT-118A is a robust powered subwoofer system that incorporates a front-loaded 18" low-frequency transducer developed by DAS, designed to deliver profound and accurate bass reinforcement. As the companion subwoofer for the EVENT-28A, it shares a compatible rigging system, allowing for seamless integration whether the EVENT-28A is flown from or stacked above the EVENT-118A.

The 18FWN 18" loudspeaker, engineered by DAS, is central to the EVENT-118A's powerful performance. Optimized using Finite Element Analysis (FEA) and equipped with neodymium magnets for reduced weight, the 18FWN offers an extended 3" voice coil for high efficiency and long excursion. This design allows for a power handling capacity of 2000 W_{peak}, ensuring the subwoofer delivers deep, impactful bass. Efficient cooling is achieved through the vented pole piece and numerous apertures in the speaker's back plate, which significantly reduce power compression and enable high acoustic output over extended periods.

The system is driven by a cutting-edge 2000 W_{peak} Class D amplifier, providing ample power for any setting. Quality Neutrik® XLR input connectors and stereo "loop thru" outputs on the rear panel provide signal continuity for the EVENT-28A systems or other components in a larger setup. Digital presets accessible via the DAScontrol™ interface on the rear of the cabinet simplify system configuration, making setup quick and user-friendly. The EVENT-118A also offers a simple selection of cardioid presets when used in pairs or groups of three units, effectively minimizing rearward sound radiation and optimizing bass coverage.

Constructed from Birch plywood, the EVENT-118A's enclosure is robust and designed for longevity. The cabinet is finished with DAS ISO-flex protective coating, enhancing durability and making it suitable for both installation and touring applications. The rigging hardware is fully compatible with the EVENT-28A, allowing various configurations, whether flown or stacked. Additionally, a pole mount socket on the top of the unit supports combo configurations with the EVENT-28A or other compatible full-range systems.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	35 Hz - 125 Hz
Maximum Peak SPL at 1 m	134 dB

Electronics and Connectors

Nominal Amplifier Power (continuous)	1000 W
Nominal Amplifier Power (peak)	2000 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™
AC Output Connector	powerCON NAC3MPB
Current Draw 230 V / 115 V	2.1 A/4.2 A

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Rectangular
Rigging	Captive Rigging System
Finish	ISO-flex Paint
Color	Black
Dimensions (H x W x D)	510 x 635 x 840 mm 20,0 x 25,0 x 33,0 in

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Net Weight 43,0 kg (94,8 lb)

Components

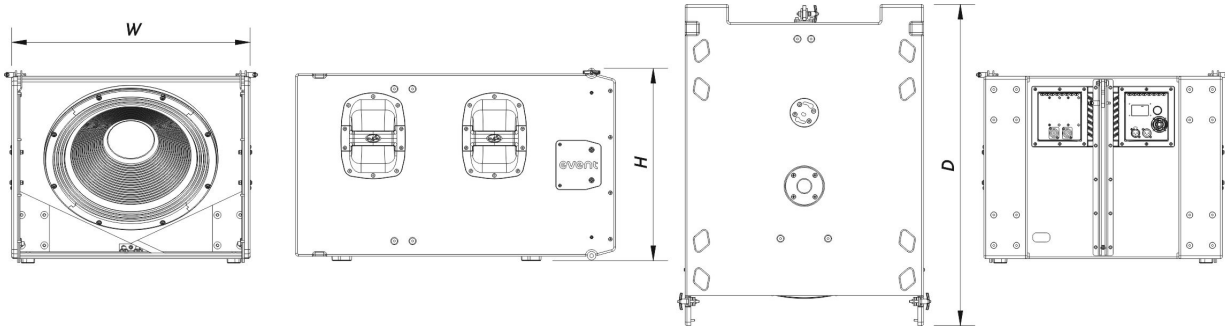
LF Driver 18FWN

Shipping

Carton Dimensions (H x W x D) 560 x 690 x 920 mm
22,0 x 27,2 x 36,2 in

Shipping Weight 49,0 kg (108,0 lb)

DIMENSIONS



ORDERING INFORMATION

Model	Description	P/N
System		
EVENT-118A		10435052
Replacement Parts		
18FWN	Transducer	20209100

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DSP-EV118A	Dsp	20406447
GM-18FW	Recone Kit	20208531
MP-EV118A	Power Module	20405120
PIN-8C	Pin	30006080
S-PRO2	Amplifier	20406649

Accessories

AX-EV28	Rigging Accessories	10102370
AXC-ZT	Installation & Stacking Acc.	10104320
AXS-EV28	Installation & Stacking Acc.	10102375
JP-EV28	Rigging Accessories	10102961
PL-EV118S	Transport Accessories	10113296
PWCONLINK-09	Electronic Accessories	20502210
SC-1	Electronic Accessories	20501020
SC-10	Electronic Accessories	20501050
SC-2	Electronic Accessories	20501030
TRD-6	Installation & Stacking Acc.	10104470
TRD-7	Installation & Stacking Acc.	10104471

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