

event

line array



EVENT-28A

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

- Ultra-compact, lightweight powered line array
- 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
- FIR processing for constant phase response
- FSS™ Fast Set Splay rigging for quick deployment

DESCRIPTION

The EVENT-28A is an advanced symmetrical, compact, two-way powered line array system. Designed to provide outstanding performance and ease of use, this system features a stylish and portable polypropylene cabinet design that is both road-worthy and highly durable. With a comprehensive range of accessories, the EVENT-28A is perfect for small to mid-size rental and installation applications seeking superior sound quality.

This system integrates two 8" neodymium transducers and a single M-60 compression driver into a robust yet lightweight polymer cabinet. The 8" transducers, enhanced with neodymium magnets for reduced weight, ensure efficient sound projection and superior low-frequency response. The symmetric "V" shaped configuration of the cone transducers delivers consistent 100° horizontal coverage down to 200 Hz. The M-60 compression driver remains coupled to an advanced waveguide design, which controls the vertical dispersion and ensures precise coupling between units in vertical arrays.

Powered by a two-channel Class D amplifier, the EVENT-28A boasts 1300 W_{peak} power. The amplifier's rear panel is equipped with high-quality Neutrik® XLR and powerCON connectors. Using the DAScontrol™ interface, users can quickly select presets based on the number of units in the array. The onboard DSP utilizes a 24-bit high-end processor to manage crossover, EQ, delay, and limiter functions. Incorporating FIR filtering technology, the EVENT-28A maintains constant phase response, leading to transparent sound and exceptional clarity that enhances the overall listening experience.

Installation and deployment of EVENT-28A arrays are streamlined with the innovative Fast Set Splay (FSS™) rigging system, which allows for quick angle selection while stacked on dollies. The stainless-steel rigging hardware supports flown arrays of up to 16 units, adjustable in 1° increments from 0° to 10°.

The EVENT-28A pairs seamlessly with the flyable companion subwoofer, the EVENT-118A, ensuring robust low-frequency reinforcement. Weighing 20 kg, the EVENT-28A strikes an excellent balance between size, performance, and portability, making it an ideal solution for a wide array of sound reinforcement applications.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	70 Hz - 20kHz
Horizontal Coverage (-6 dB)	100°
Vertical Coverage	Splay Dependent
Maximum Peak SPL at 1 m	133 dB

Electronics and Connectors

Nominal Amplifier Power (continuous)	650 W
Nominal Amplifier Power (peak)	1300 W
Nominal Amplifier Power LF (continuous)	500 W
Nominal Amplifier Power LF (peak)	1000 W
Nominal Amplifier Power HF (continuous)	150 W
Nominal Amplifier Power HF (peak)	300 W
Input Type	Balanced
Input Impedance	20 kohms
Input Sensitivity	6.2 V (+18 dBu)
Audio Signal Input Connector	1 x Female XLR
Audio Signal Loop Thru Connector	1 x Male XLR
Recommended Signal Processing	INTEGRAL-M26X
AC Output Connector	powerCON NAC3MPB
Current Draw 230 V /115 V	1.2 A /2.4 A

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Enclosure

Enclosure Construction	Polypropylene
Enclosure Geometry	Trapezoidal
Rigging	Captive Rigging System
Color	Black
Dimensions (H x W x D)	280 x 635 x 525 mm 11,0 x 25,0 x 20,7 in
Net Weight	20,5 kg (44,1 lb)

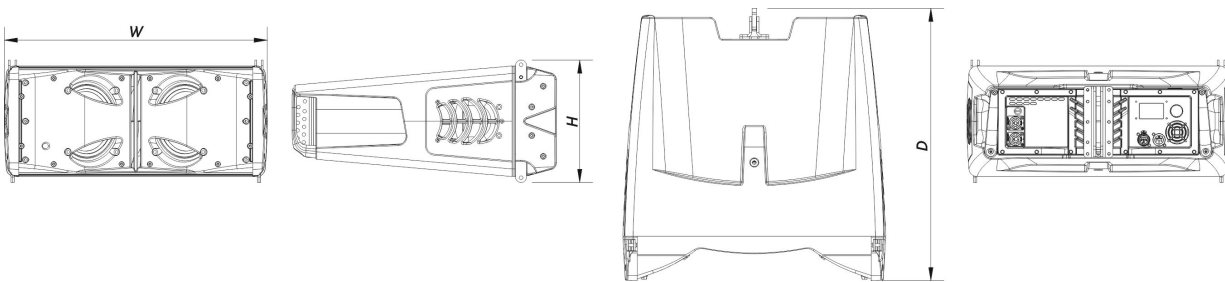
Components

LF Driver	8MIN
HF Driver	M-60

Shipping

Carton Dimensions (H x W x D)	715 x 600 x 335 mm 28,2 x 23,6 x 13,2 in
Shipping Weight	24,0 kg (53,0 lb)

DIMENSIONS



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ORDERING INFORMATION

Model	Description	P/N
System		
EVENT-28A		10435012
Replacement Parts		
8MIN	Cone Transducer	20209060
DSP-EV28A	Dsp	20406445
GM-M60N	Diaphragm	20205090
M-60	Compression Driver	20208790
MP-EV28A	Power Module	20405110
PIN-8C	Pin	30006080
T-PRO2	Power Module	20406647
Accessories		
AX-EV28	Rigging Accessories	10102370
AXC-ZT	Installation & Stacking Acc.	10104320
AXS-EV28	Installation & Stacking Acc.	10102375
JP-EV28	Rigging Accessories	10102961
PL-EV28S	Transport Accessories	10113295
PWCONLINK-09	Electronic Accessories	20502210
SC-05	Electronic Accessories	20501010
SC-1	Electronic Accessories	20501020
SC-10	Electronic Accessories	20501050

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TRD-2-PACK	Installation & Stacking Acc.	10104012
TRD-6	Installation & Stacking Acc.	10104470
TRD-7	Installation & Stacking Acc.	10104471

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