



## DESCRIPTION

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## KEY FEATURES

- Active direct radiating rear-loaded subwoofer system
- 1 x 21" DAS 21LFN neodymium loudspeaker
- 3200Wpeak - 1600 Wcontinuous
- Class D amplifier and digital signal processing (DSP)
- Two balanced inputs with stereo filtered output connections
- Variable low-pass filter 63 Hz-100 Hz
- Top located pole mount socket for TRD-6 optional pole mount
- Rear located wheels to ease transport
- Top grade Birch cabinet construction
- Durable ISO-flex finish

## APPLICATIONS

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- House of worship
- Theatres, auditoria and performing arts centers
- Live music clubs
- Corporate A/V
- Live sound touring/Rental services

The EVENT-121A is a direct radiating rear-loaded powered subwoofer system which incorporates a single 21" neodymium loudspeaker providing "earth-moving" low-frequency reproduction for the EVENT Series line arrays. The combination of direct radiation and rear-loading provides a high output, tight and accurate sub-bass response. The EVENT-121A employs the new DAS 21LFN loudspeaker which offers impressive features such as a 4" sandwich split winding voice coil, a powerful FEA optimized neodymium magnet assembly and a FEA optimized suspension system with double silicon spider. The result is a loudspeaker with exceptional sensitivity, high power handling capacity and a quality suspension design capable of withstanding the stress and mechanical fatigue of today's high-power pro audio systems. An aluminum demodulating ring benefits lower distortion and effective forced ventilation of the voice coil gap provides for a high thermal rating, and reduced power compression. The EVENT-121A electronics package includes a 3200 Wpeak Class D amplifier and 24-bit high-end DSP for top quality audio reproduction. On the rear panel, controls can be found for gain, polarity and a continually variable low-pass filter which ranges from 63 Hz to 100 Hz. A unique "cardioid preset" button simplifies the use of subs in cardioid configurations, making setup of two to three units a snap without the need for an external DSP. The EVENT-121A is phase response coherent with the EVENT-208A, EVENT-210A and EVENT-212A active tops offering precise alignment. Two balanced inputs with stereo filtered outputs which can be switched to pass-through connections are provided.



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## Performance

Frequency Range (-10 dB)	30 Hz - 125 Hz
Maximum Peak SPL at 1 m	141 dB

## Electronics and Connectors

Nominal Amplifier Power (continuous)	1600 W
Nominal Amplifier Power (peak)	3200 W
Input Type	Balanced
Input Impedance	20 kohms
Input Sensitivity	6.2 V (+18 dBu)
Audio Signal Input Connector	2 x Female XLR
Audio Signal Loop Thru Connector	2 x Male XLR
AC Input Connector	powerCon NAC3FCA
AC Output Connector	powerCON NAC3FCB
Operating Range	90-250 VAC
Current Draw 115 V	7.2 A
Current Draw 230 V	3.6 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 )	965 x 740 x 755 mm 38,0 x 29,1 x 29,7 in
Net Weight	78,5 kg ( 173,1 lb )

## Components

LF Driver	21LFN
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## Shipping

Carton Dimensions ( H x W x D )	1.060 x 790 x 820 mm 41,7 x 31,1 x 32,3 in
Shipping Weight	83,5 kg ( 184,1 lb )

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## ORDERING INFORMATION

### Performance

Model	Description	P/N
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### System

EVENT-121A	Powered Subwoofer	10429240
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### Replacement Parts

21LFN	Transducer	20208983
DSP-EVENT-121A	Dsp	20406437
GM-21LF	Recone Kit	20208533
M-PRO2	Power Module	30007102
MP-EVENT-121A	Power Module	30007067

### Accessories

FUN-2-EV121	Transport Accessories	10103632
PL-EV121S	Transport Accessories	10113192
TRD-6	Installation & Stacking Acc.	10104470
TRD-7	Installation & Stacking Acc.	10104471

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## DIMENSIONS



