



# TECHNICAL SPECIFICATIONS SB1000e

## DESCRIPTION

A portable subwoofer system with 2x 18-in transducers in a vented rectangular enclosure.

## APPLICATIONS

The SB1000e high output Stadium Array Series subwoofer's slanted baffles maximize cone area and minimize frontal area for flexibility in creating large subwoofer arrays. Flytracks allow it to be flown with and array. Engineered to complement the KF850 family of full range main systems. MX Series processors extend LF response and safeguard against cone excursion damage. Six Year Warranty.

Applications include:

- Concert Tours
- Corporate Events
- Large Theaters
- Arenas
- Large HOW's
- Live Music Clubs

## DESCRIPTIVE DATA

Part Number	999111
Product Group	S
Components & Loading	2x 18-in, Vented
System Configuration	Dedicated Subwoofer
Recommended High-Pass Frequency (24 dB/Octave)	20Hz
Cabinet Type (shape)	Rectangular (1 slant corner for casters)
Enclosure Materials	Baltic Birch Plywood
Finish	Black Catalyzed Polyurethane
Connectors	1 each male and female AP4 2x Neutrik NL4 Speakon
Suspension Hardware	(4) 3-Position Flytracks (2 per side)
Grill	Vinyl Coated Perforated Steel, Foam Backed



## NOMINAL DATA

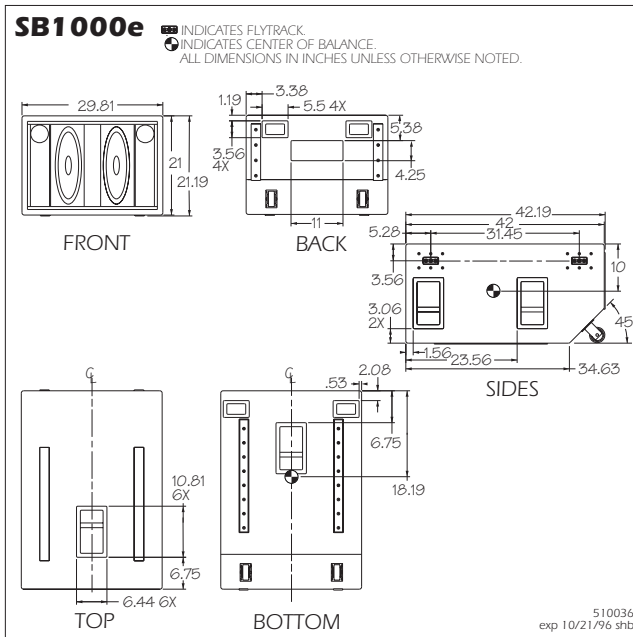
<b>Frequency Response (Hz)</b>	$\pm 3$ db	30Hz (42Hz w/out CCEP) to 100Hz	
	-10 dB	25Hz (27Hz w/out CCEP)	
<b>Axial Sensitivity (dB SPL/1 Watt/1m)</b>	99		
<b>Impedance (Ohm)</b>	4 or 2 x 8		
<b>Power Handling (Watts)</b>	AES Standard	2000	
<b>Calculated Maximum Output (dB SPL)</b>	Peak	138.0	
	Long Term	132.0	
<b>Dimensions</b>	<b>inches</b>	<b>millimeters</b>	
	Height	21.19	538
	Width	29.81	757
	Depth (Top)	42.81	1087
	Depth (Bottom)	34.63	880
<b>Weights</b>	<b>pounds</b>	<b>kilograms</b>	
	Net Weight	188	85.5
	Shipping Weight	193	87.8





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## DIMENSIONAL DRAWING



## SERVICE ITEMS

**Sub: Complete Cone Driver**

EAW Part No. 804059

**Filter/Crossover Network: Complete Assembly**

EAW Part No. 201256

## ARCHITECTURAL SPECIFICATIONS

The sub bass loudspeaker systems shall incorporate 2x 18-in LF transducer mounted in a vented enclosure tuned for optimum low frequency response. The drivers shall be mounted in angled internal baffles.

System frequency response shall vary no more than  $\pm 3$  dB from 30 Hz to 100 Hz measured on axis with appropriate signal processing. The loudspeaker shall produce a Sound Pressure Level (SPL) of 99 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 138 SPL on axis at 1 meter. The loudspeaker shall handle 2000 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 4 (2x 8) Ohms.

The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 15mm thickness void-free cross-grain-laminated Baltic birch plywood and shall employ extensive internal bracing. It shall be finished in black catalyzed polyurethane. Input connectors shall be one each male and female AP4 and dual Neutrik NL4 Speakon. 4x 3-position flytracks (2 per side) shall be provided. The front of the loudspeaker shall be covered with a vinyl coated perforated steel grill backed with open cell foam to protect against dust.

The sub bass loudspeaker shall be the EAW model SB1000e.