



# TECHNICAL SPECIFICATIONS SB600e

## DESCRIPTION

A dedicated subwoofer system with 2x 15-in transducers in a vented trapezoidal enclosure. Each driver is in its own optimally vented subenclosure.

## APPLICATIONS

The SB600e compact high output Virtual Array subwoofer is engineered to array with KF650e or KF695e VA loudspeakers. Tuned enclosure venting extends LF response and minimizes driver strain. Universal suspension hardware includes both a flytrack and a 3/8"-16 mounting point to support portable or permanent applications. Six Year Warranty.

Applications include:

- Band PA
- Corporate Events
- Small HOW's
- Dance Clubs
- Live Music Clubs

## DESCRIPTIVE DATA

Part Number	999023
Product Group	S
Components & Loading	2x 15-in, Separate Vented Subenclosures
System Configuration	Dedicated Subwoofer, Arrayable
Recommended High-Pass Frequency (24 dB/Octave)	25Hz
Cabinet Type (shape)	Trapezoid
Enclosure Materials	Baltic Birch Plywood
Finish	Black catalyzed polyurethane
Connectors	1 each male and female AP4
Suspension Hardware	(6) 3-position fly tracks with integral 3/8"-16 threaded mounting/suspension points (3 each top and bottom), (6) 3/8"-16 threaded mounting/suspension points (2 each sides and rear)
Grill	Vinyl coated perforated steel, foam backed
Options	CP600 Caster Pallet (255009) 179001 Flyclip with ring 179002 Flyclip with hook



## NOMINAL DATA

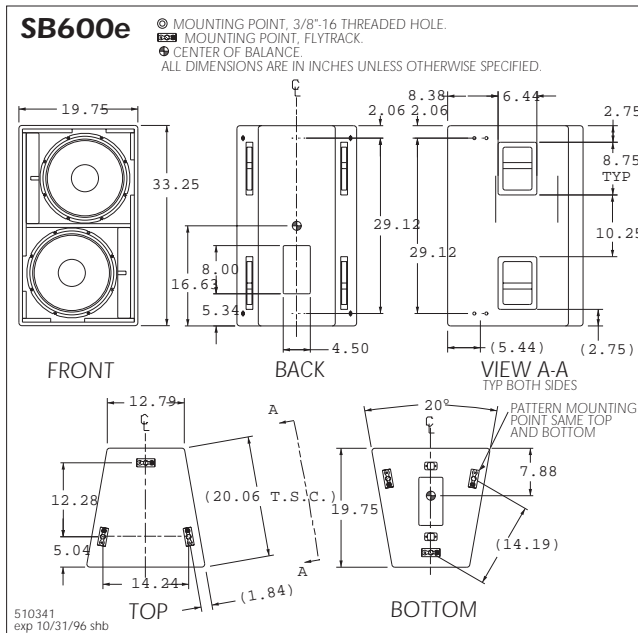
Frequency Response (Hz)		
±3 db	39Hz (55Hz w/out CCEP)	to 200Hz
-10 db	30Hz (42Hz w/out CCEP)	
Axial Sensitivity (dB SPL/1 Watt/1m)		
98		
Impedance (Ohms)		
4 or 2x 8		
Power Handling (Watts)		
AES Standard	2000	
Calculated Maximum Output (dB SPL, @ 1m)		
Peak	137.0	
Long Term	131.0	
Recommended Complementary Systems		
Full Range	KF650e/KF695e	
Dimensions	inches	millimeters
	Height	33.25 845
	Width	19.75 502
	Depth	19.75 502
Trapezoid Angle		10 degrees per side
Weights	pounds	kilograms
	Net Weight	129 58.7
	Shipping Weight	138 62.8





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## DIMENSIONAL DRAWING



## SERVICE ITEMS

Sub: Complete Cone Driver

EAW Part No. 804052

## ARCHITECTURAL SPECIFICATIONS

The sub bass loudspeaker systems shall incorporate 2x 15-in LF transducers mounted in separate vented subenclosures tuned for optimum low frequency response.

System frequency response shall vary no more than  $\pm 3$  dB from 39 Hz to 200 Hz measured on axis with appropriate signal processing. The loudspeaker shall produce a Sound Pressure Level (SPL) of 98 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 137 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 trapezoidal 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. A total of six 3-position fly tracks with integral 3/8"-16 threaded mounting/suspension points (3 each top and bottom) plus six 3/8"-16 threaded mounting/suspension points (2 each sides and rear) 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 SB600e.