



TECHNICAL SPECIFICATIONS SB625P

DESCRIPTION

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

APPLICATIONS

The SB625 is optimized for permanent installation as a sub bass complement to medium format MH/CH-BH/BV arrays. Tuned enclosure venting extends LF response and minimizes driver strain. MX Series processors extend LF response and safeguard against cone excursion damage. Comprehensive mounting/suspension points. Six year warranty.

Applications include:

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

DESCRIPTIVE DATA

Part Number	999137
Product Group	M
Components & Loading	2x 15-in Vented
System Configuration	Dedicated Subwoofer
Recommended High-Pass Frequency (24 dB/Octave)	25Hz
Cabinet Type (shape)	Rectangular
Enclosure Materials	Baltic Birch Plywood
Finish	Black Catalyzed Polyurethane
Connectors	4-Terminal Barrier Strip
Suspension Hardware	(16) 3/8"-16 threaded mounting/suspension points (4 each top, bottom, sides)
Grill	Vinyl Coated Perforated Steel



NOMINAL DATA

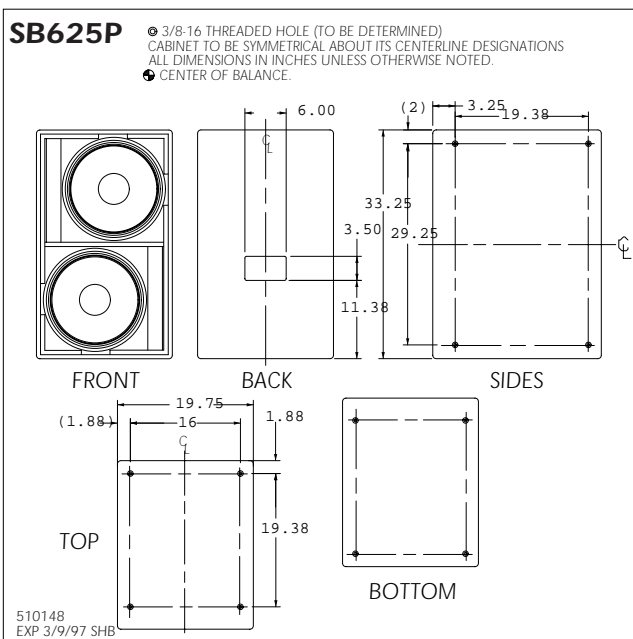
Frequency Response (Hz)	±3 db	33Hz (44Hz w/out CCEP) to 200Hz	
	-10 dB	30Hz (34Hz w/out CCEP)	
Axial Sensitivity (dB SPL/1 Watt/1m)	98		
	Impedance (Ohms)		
			4 or 2x 8
Power Handling (Watts)	AES Standard		
	2000		
Calculated Maximum Output (dB SPL, @ 1m)	Peak		
	137.0		
	Long Term		
			131.0
Recommended Complementary Systems			
Full Range		KF650e/KF695e	
Dimensions	inches		millimeters
	Height	33.25	845
	Width	19.75	502
	Depth	24.625	625
Weights	pounds		kilograms
	Net Weight	130	59.2
	Shipping Weight	138	62.8





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DIMENSIONAL DRAWING



SERVICE ITEMS

Sub: Complete Cone Driver

EAW Part No. 804052

Filter/Crossover Network: Complete Assembly

EAW Part No. 201203

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 ± 3 dB from 33 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 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 2-terminal barrier strip. A total of sixteen 3/8"-16 threaded mounting/suspension points (4 each top, bottom, sides) shall be provided. The front of the loudspeaker shall be covered with a vinyl coated perforated steel grill.

The sub bass loudspeaker shall be the EAW model SB625P.