



SPECIFICATIONS SB250

DESCRIPTION

A dedicated subwoofer system with 2x 15-in transducers in a compact vented rectangular enclosure. Each driver is in its own optimally vented subenclosure. Available in a portable version ('R' with handles and NL4 connectors) or a permanent installation version ('P' with mounting/suspension points).

APPLICATIONS

The SB250 provides high output sub bass response in a compact enclosure. 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
- Ballroom Events
- Corporate Events
- Dance Clubs
- Live Music Clubs
- Small Retail Spaces

PERFORMANCE

Frequency Response (Hz)		
±3 db	38 Hz to 200 Hz	(51 Hz w/out CCEP)
-10 dB	32 Hz	(33 Hz w/out CCEP)
Axial Sensitivity (dB SPL/1 Watt/1m)		
	98	
Impedance (Ohm)		
	4 or 2x 8	
Power Handling (Watts)		
AES Standard	2000	
Calculated Maximum Output (dB SPL, @ 1m)		
Peak	137.0	
Long Term	131.0	



R Version Shown

PHYSICAL

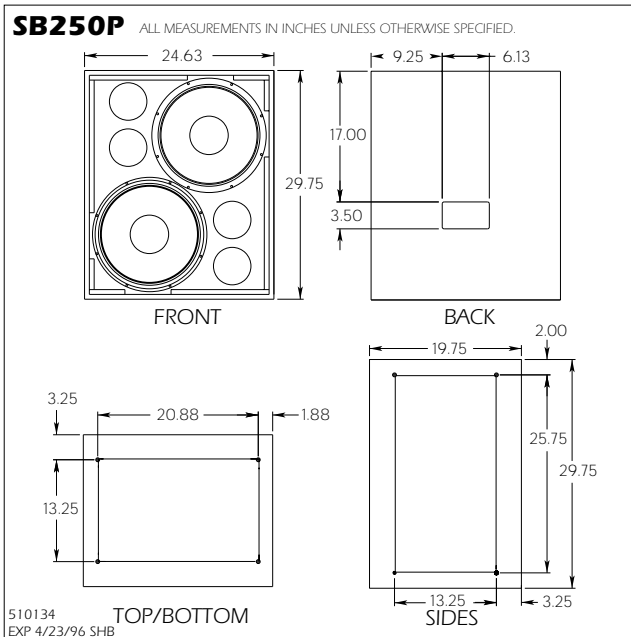
Part Number	999072 (P) 999073 (R)	
Product Group	L	
Components & Loading	2x 15-in, vented	
System Configuration	Dedicated subwoofer	
Recommended High-Pass Frequency (24 dB/Octave)	25 Hz	
Cabinet Type (shape)	Rectangular	
Enclosure Materials	Baltic birch plywood	
Finish	Black catalyzed polyurethane	
Connectors	P: 4-terminal barrier strip R: 2x Neutrik NL4 Speakon	
Suspension Hardware	P: (16) 3/8"-16 threaded mounting/suspension points (4 each top, bottom, sides) R: no points, handles, corner protectors	
Grille	Vinyl coated perforated steel	
Dimensions	inches	millimeters
Height	29.75	756
Width	24.63	625
Depth	19.75	502
Weights	pounds	kilograms
Net Weight	119	54.1
Shipping Weight	129	58.7





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DIMENSIONAL DRAWING



A & E 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 38 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 2x 8 Ohms.

The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 1/2-in 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 grille.

The sub bass loudspeaker shall be the EAW model SB250P.

SERVICE ITEMS

Sub: Complete Cone Driver

EAW Part No. 804052