



TECHNICAL SPECIFICATIONS SB528

DESCRIPTION

A dedicated subwoofer system with 2x 18-in transducers in a rectangular enclosure. Available in a portable version ('R' with handles and NL4 connectors) or a permanent installation version ('P' with mounting/suspension points).

APPLICATIONS

The SB528 high output, extended response subwoofer is optimized for installation. Tuned venting of the massive enclosure extends LF response to the lowest octaves while minimizing driver strain. EAW's lowest frequency response, -3 dB at 27 Hz (with CCEP). Comprehensive mounting/suspension points. Six year warranty.

Applications include:

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



DESCRIPTIVE DATA

Part Number	999075 (P) 999076 (R)
Product Group	M
Components & Loading	2x 18-in, Vented
System Configuration	Dedicated Subwoofer
Recommended High-Pass Frequency (24 dB/Octave)	20Hz
Cabinet Type (shape)	Rectangular
Enclosure Materials	Baltic Birch Plywood
Finish	Black Catalyzed Polyurethane
Connectors	P: 4-terminal barrier strip R: dual 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
Grill	Vinyl Coated Perforated Steel
Options	Caster Set

NOMINAL DATA

Frequency Response (Hz)	± 3 db	27Hz to 150Hz (35Hz w/out CCEP)	
	-10 dB	22Hz (24Hz w/out CCEP)	
Axial Sensitivity (dB SPL/1 Watt/1m)	99		
Impedance (Ohms)	4 or 2x 8		
Power Handling (Watts)	AES Standard	2000	
Calculated Maximum Output (dB SPL, @ 1m)	Peak	138.0	
	Long Term	132.0	
Dimensions		inches	millimeters
	Height	29.81	757
	Width	50.25	1276
	Depth	24.63	625
Weights		pounds	kilograms
	Net Weight	200	91.0
	Shipping Weight	214	97.4



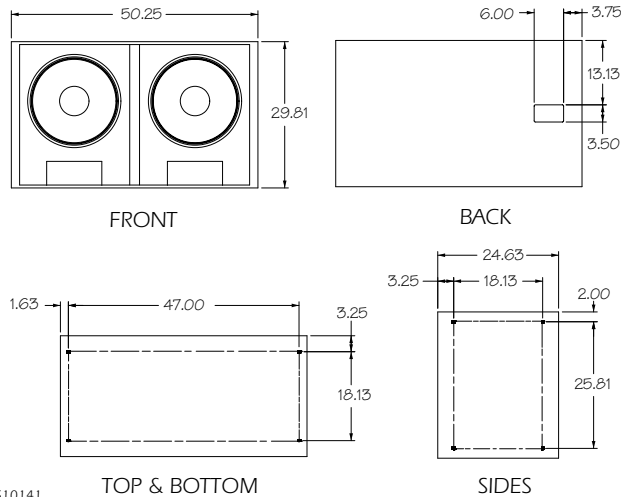


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DIMENSIONAL DRAWING

SB528P

- MOUNTING POINT, 3/8"-16 THREADED HOLE.
- ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.



510141
EXP 3/17/97 SHB

SERVICE ITEMS

Sub: Complete Cone Driver

EAW Part No. 804041

ARCHITECTURAL SPECIFICATIONS

The sub bass loudspeaker systems shall incorporate 2x 18-in LF transducer mounted in separate vented subenclosures tuned for optimum low frequency response.

System frequency response shall vary no more than ± 3 dB from 27 Hz to 150 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 4-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 backed with open cell foam to protect against dust.

The sub bass loudspeaker shall be the EAW model SB528P.