



SPECIFICATIONS SB412

DESCRIPTION

- Dedicated drum fill subwoofer system compatible with the SM12, SM15, and SM84
- 4x 12-in vented woofers, optimally vented
- Integrated tilt mechanism for mounting SM12, SM15, SM84 stage monitors

APPLICATION

Applications include:

- Concert Tours
- Major Televised Events
- Large Houses of Worship
- Corporate Events
- Cathedrals
- Live Music Clubs

PERFORMANCE

Frequency Response (1 Watt @ 1m)

±3 dB 45 Hz to 300 Hz

-10 dB 35 Hz

Axial Sensitivity (dB SPL, 1 Watt @ 1m)

Sub Bass 101

Impedance (Ohms)

Sub Bass 4 or 2x 8

Power Handling (Watts)

Sub Bass 2600

Calculated Maximum Output (dB SPL)

Sub Bass Peak 141.10

Sub Bass Long term 135.10



*Prototype shown

PHYSICAL

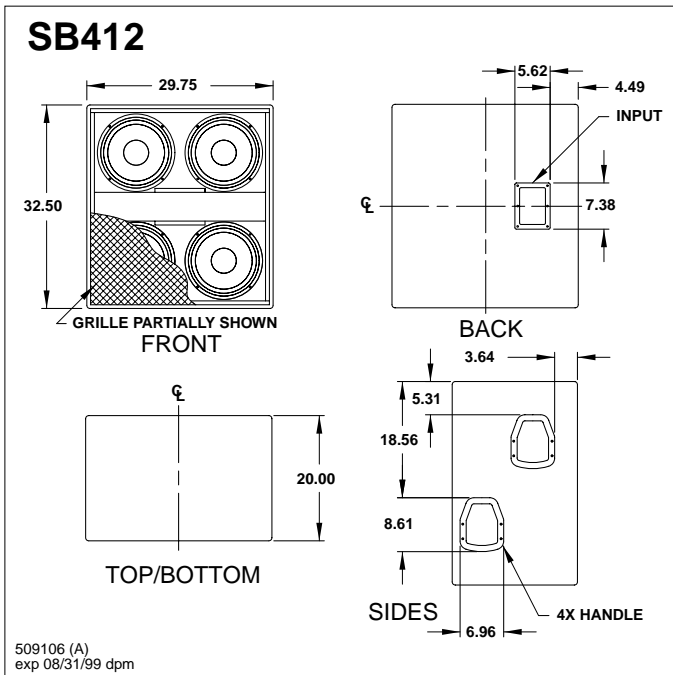
Sub Bass Subsystem	4x 12-in vented	
System Configuration	Dedicated drum fill subwoofer	
Cabinet Type (shape)	Rectangular	
Enclosure Materials	Baltic birch plywood	
Finish	Wear-resistant textured black paint	
Connectors	2x Neutrik NL4 Speakon, 1x Neutrik NL8 Speakon	
Suspension Hardware	Integrated tilt mechanism for mounting SM12, SM15, SM84 stage monitors	
Grille	Powder coated perforated steel	
Dimensions	inches	millimeters
	Height	32.50 826
	Width	29.90 756
	Depth	20.00 508
Weights	pounds	kilograms
	Net Weight	190 86.50
	Shipping Weight	205 93.30





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DIMENSIONAL DRAWING



Manufacturing tolerances are +/- 0.13 and +/- 1°

A & E SPECIFICATIONS

The sub bass loudspeaker systems shall incorporate 4x 12-in LF transducers mounted in 2 separate vented subenclosures tuned for optimum low frequency response.

System frequency response shall vary no more than ± 3 dB from 45 Hz to 300 Hz measured on axis with appropriate signal processing. The loudspeaker shall produce a Sound Pressure Level (SPL) of 101 dB SPL on axis at 1 meter with a power input of 1 Watt. The loudspeaker shall handle 2600 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 1/2-in thickness void-free cross-grain-laminated Baltic birch plywood and shall employ extensive internal bracing. It shall be finished in wear-resistant textured black paint. Input connectors shall be 2x Neutrik NL4 Speakon and 1x Neutrik NL8 Speakon. There shall be an integrated tilt mechanism for mounting the SM12, SM15, and SM84 stage monitors. The front of the loudspeaker shall be covered with a powder coated perforated steel grille.

The sub bass loudspeaker shall be the EAW model SB412.

