

SA28

product group: Stage Performance (GROUNDSTACK)
system type: Direct Radiating LF 18"

construction

The SA28 is a dedicated LF / subwoofer system in a rectangular, computer optimized enclosure. Loudspeaker complement consists of a single 18" LF woofer loaded into a vented sub-enclosure. The entire enclosure is constructed of durable 12-ply void-free birch laminate, dadoed for strength and durability. Handles are balance-optimized to facilitate transportation. Perforated steel is employed for frontal protection of the loudspeaker complement.



Features:

- McCauley Performance Class Componentry
- 9 ply Dadoed Construction
- Durable ProCoat™ Elastomeric Finish



the idea behind it

The SA28 was designed as multipurpose, dedicated low frequency/bass "workhorse" system for medium to large scale sound reinforcement duty. Its durable construction and reliable performance make this system an excellent choice for pro sound companies. The SA28 offers high quality bass output in a manageable, durable enclosure. This system also integrates easily with other McCauley SA™ products, offering consistent coverage and a uniform appearance.

Applications:

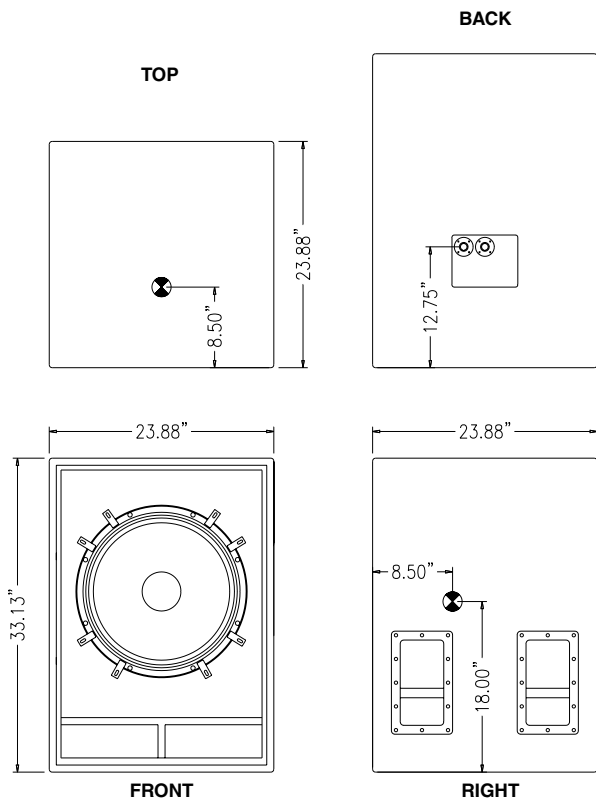
- Dance Club Sound
- Live Performance Venues
- Multipurpose Rental P.A.
- Ground Sub

performance parameters physical properties

power handling	450w RMS	weight	120lbs / 54kgs
frequency response	25Hz - 800Hz	dimensions	33H x 24W x 24D
nominal impedance	4Ω or 8Ω	<small>inches</small>	84H x 61W x 61D
sensitivity	104db	<small>centimeters</small>	
<small>(2.83v@4Ω, 2w, 1m)</small>	99db	finish	ProCoat™
<small>(2.83v@8Ω, 4w, 1m)</small>		enclosure material	5/8" 12-ply
maximum output SPL	126db	construction	rabbet & dadoed
<small>Continuous</small>	132db	suspension	none
<small>Peak</small>		connectors	parallel NL4
recommended bandpass	25Hz / 180Hz	transducers	(1) 18"
		recommended mid/high	SA222-2, SA15-2, SA255-2

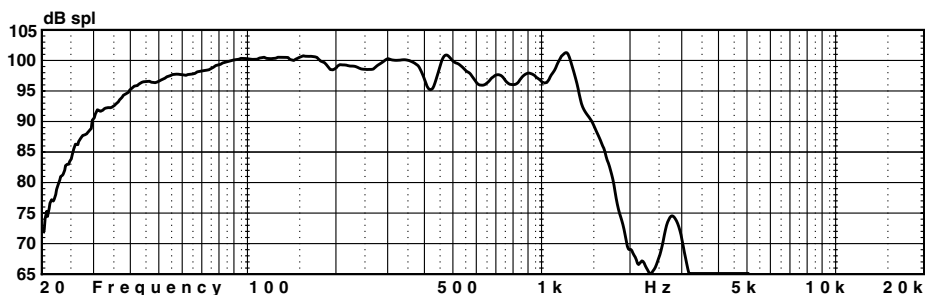
dimensional illustrations

architectural specifications



The loudspeaker shall be a low frequency type with one McCauley 18" driver mounted in a bass reflex enclosure. The 18" transducer shall utilize the "Focused Field" removable magnet structure design. It shall have a power capacity of 450 watts RMS and 900 watts peak and a sensitivity of 98 dB measured at 1 meter with 2.83 volts into a nominal 8 ohm load. The loudspeaker system shall be capable of 126 dB SPL continuous and 132 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 35 Hz to 1 kHz +/- 3 dB (25Hz to 1800 Hz - 10 dB). The loudspeaker shall weigh a total of 120 lbs. and shall measure 33 inches tall, 24 inches wide and 24 inches in depth. The enclosure shall incorporate one steel handle on each side for easy mobility. Electrical connections shall be made via paralleled Neutrik NL-4 connectors, or optional NL-8 or EP series connectors. The enclosure shall be constructed of 12-ply void-free birch hardwood and shall have a weather and wear resistant ProCoat™ elastomeric finish. The loudspeaker shall be the McCauley SA28.

response data



on axis response (2.83v@1m, free-field conditions)