

AC28

product group: **Advanced Contractor's Series**
system type: **Single Direct Radiating LF 18"**

construction

The AC28 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. McCauley's rugged ProCoat™ elastomeric finish provides excellent weather protection and will resist scratches and scuffs. Binding posts are located on a recessed steel jack-panel on the back side of the enclosure. 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 AC28 was designed as multipurpose, dedicated low frequency/bass "workhorse" system for medium to large scale sound installations. The AC28 offers high quality bass output in a manageable, durable enclosure. This system also integrates easily with other McCauley AC™ and SA™ products, offering consistent coverage and a uniform appearance.

Applications:

House of Worship
Dance Club Sound
Live Club Installation
Restaurant & Bar

performance parameters

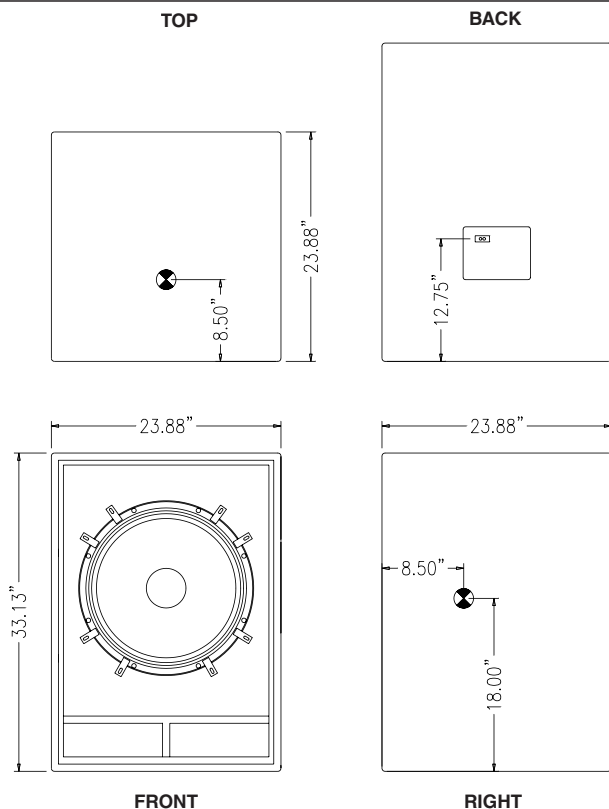
power handling	450w RMS
frequency response	25Hz - 800Hz
nominal impedance	4Ω or 8Ω
sensitivity (2.83v@4Ω, 2w, 1m) (2.83v@8Ω, 4w, 1m)	104db 99db
maximum output SPL Continuous Peak	126db 132db
recommended bandpass	25Hz/ 180Hz

physical properties

weight	120lbs / 54kgs
dimensions inches centimeters	33H x 24w x 24D 84H x 61w x 61D
finish	ProCoat™
enclosure material	5/8" 12-ply
construction	rabbet & dadoed
suspension	none
connectors	binding posts
transducers	(1)18"
recommended mid/high	AC222-2, AC15-2

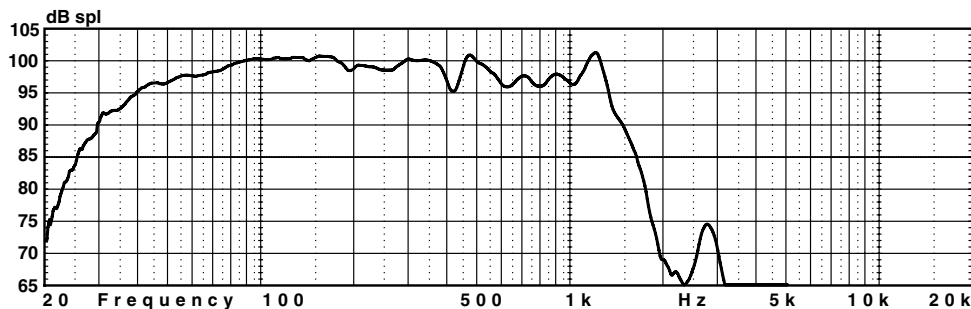
dimensional illustrations

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 1.0 kHz +/- 3 dB (25Hz to 1800 Hz - 10 dB). The AC28 shall weigh a total of 120 lbs. and shall measure 33 inches tall, 24 inches wide and 24 inches in depth. The AC28 enclosure shall be constructed of 12-ply void-free birch hardwood and shall have a weather and wear resistant ProCoat™ elastomeric finish. Electrical connections shall be made via standard binding posts or barrier strips. The loudspeaker shall be the McCauley AC28.

response data



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