technical specifications

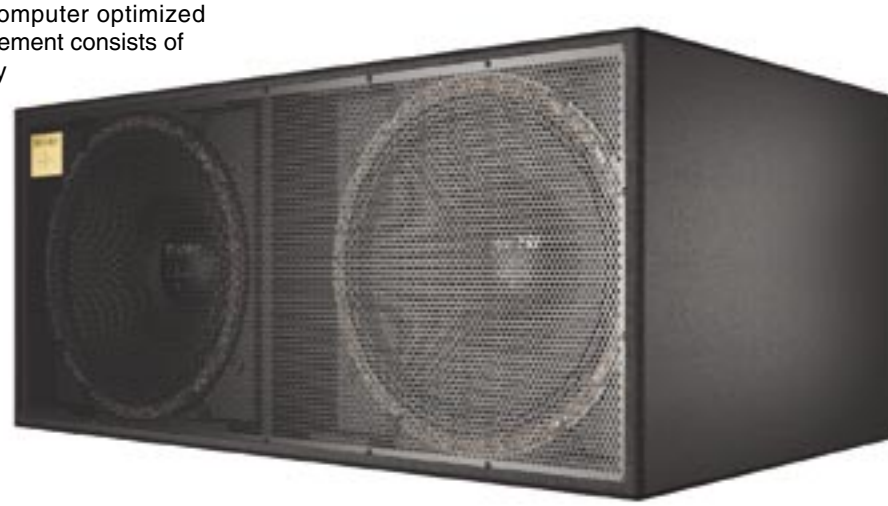
18" LOW FREQUENCY CONTRACTOR SYSTEM

AC288

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

construction

The AC288 is a dedicated LF / subwoofer system in a rectangular, horizontal, computer optimized enclosure. Loudspeaker complement consists of a twin 18" LF woofers separately loaded into individual, vented sub-enclusures. The entire enclosure is constructed of durable 12-ply void-free birch laminate, dadoed for strength and durability. Binding posts are located on a recessed steel jackpanel 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**

R Rectangular G Groundstack

the idea behind it

The AC288 was designed as multipurpose, dedicated low frequency/bass "workhorse" system for medium to large scale sound reinforcement duty. The AC288's low profile lends itself well to dance clubs and live performance venues. This system also integrates easily with other McCauley AC™ and SA™ products, offering consistent coverage and a uniform appearance.

Applications:

- **Live Club Installation**
- **Dance Club Sound**
- **House of Worship**

performance parameters

power handling	**900w RMS**
frequency response	**30Hz - 800Hz**
nominal impedance	**2Ω or 4Ω**
sensitivity	
(2.83v@2Ω, 4w, 1m)	**104db**
(2.83v@4Ω, 2w, 1m)	**101db**
maximum output SPL	
Continuous	**126db**
Peak	**132db**
recommended bandpass	**25Hz / 180Hz**

physical properties

weight	**165lbs / 78kgs**
dimensions	
inches	**20H x 45W x 30D**
centimeters	**51H x 115W x 76D**
finish	**ProCoat™**
enclosure material	**5/8" 12-ply**
construction	**rabbet & dadoed**
suspension	**none**
connectors	**binding posts**
transducers	**(2)18"s**
recommended mid/high	**AC222-2, AC122-2, AC255-2**

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McCauley sound

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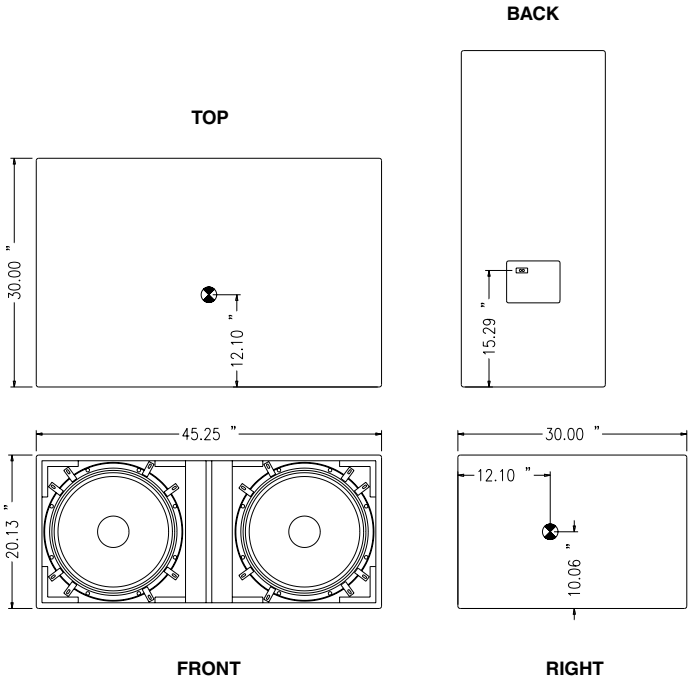
AC288
DUAL 18" LF CONTRACTOR

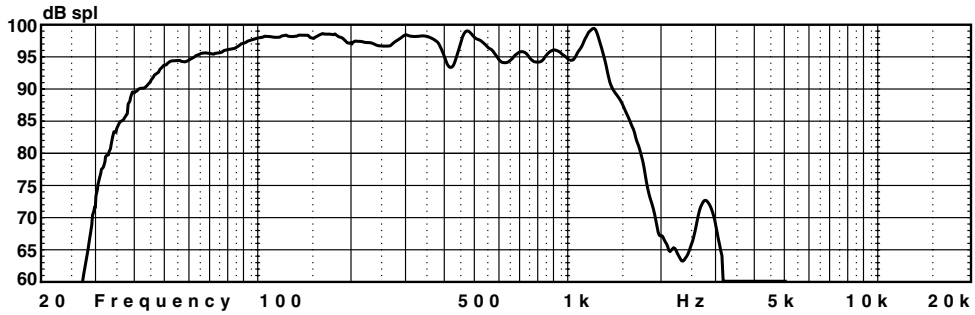
dimensional illustrations



archetectural specfications

The loudspeaker shall be a low frequency type with two McCauley 18" drivers mounted in a bass reflex enclosure. Each 18" transducer shall utilize a "Focused Field" removable magnet structure design. They shall have a combined power capacity of 900 watts RMS and 1800 watts peak and a sensitivity of 101 dB measured at 1 meter with 2.83 volts into a nominal 4 ohm load. The loudspeaker system shall be capable of 128 dB SPL continuous and 134 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 30 Hz to 800 kHz +/- 3 dB (25Hz to 1.2 Hz – 10 dB). The AC288 shall weigh a total of 165 lbs. and shall measure 20 inches tall, 45 1/4 inches wide and 30 inches in depth. The AC288 enclosure shall be constructed of 12-ply birch hardwood and shall have a weather and wear resistant ProCoat^{tm} elastomeric finish. Electrical connections shall be made via standard binding posts or barrier strips. The loudspeaker shall be the McCauley AC288.

response data



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

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