

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-enclosures. 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



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

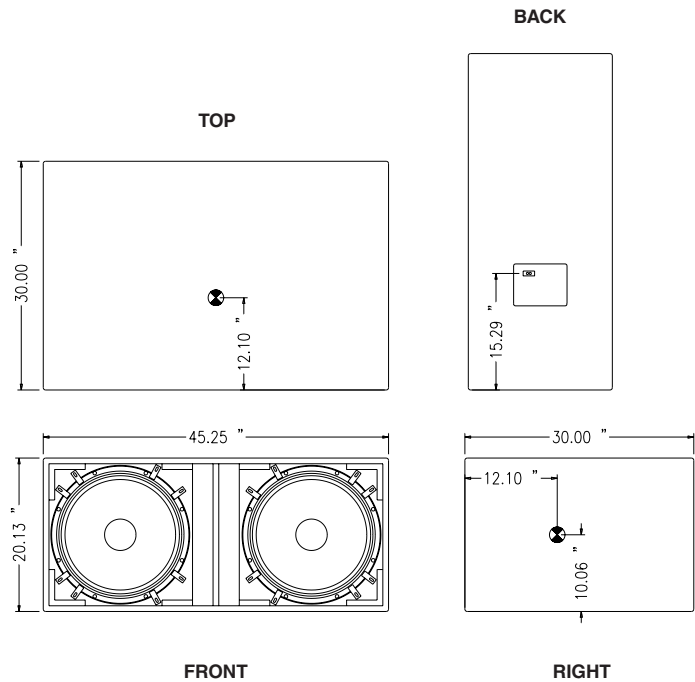
performance parameters

physical properties

power handling	900w RMS	weight	165lbs / 78kgs
frequency response	30Hz - 800Hz	dimensions	
		inches	20H x 45W x 30D
		centimeters	51H x 115W x 76D
nominal impedance	2Ω or 4Ω	finish	ProCoat™
sensitivity		enclosure material	5/8" 12-ply
(2.83v@2Ω, 4w, 1m)	104db	construction	rabbet & dadoed
(2.83v@4Ω, 2w, 1m)	101db	suspension	none
maximum output SPL		connectors	binding posts
Continuous	126db	transducers	(2)18"s
Peak	132db		
recommended bandpass	25Hz / 180Hz	recommended mid/high	AC222-2, AC122-2, AC255-2

dimensional illustrations

archetctural specifications



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™ elastomeric finish. Electrical connections shall be made via standard binding posts or barrier strips. The loudspeaker shall be the McCauley AC288.

response data

