

technical specifications

**2-WAY FULL RANGE
STAGE PERFORMANCE**

SA422-2

product group: Stage / Performance Applications
system type: (2) MF 12" x XHF 2"



construction

The SA422-2 is a compact 2-way mid/high system in a trapezoidal, computer optimized enclosure. Loudspeaker complement consists of twin proprietary midrange 12"s, individually loaded into separate sub compartments, paired with a single extended high frequency 2" compression driver mounted on a constant directivity 50° H x 70° V horn. The system has been optimized to array efficiently with other SA400-2 and SA422-2 systems, creating seamless coverage arcs from any size cluster. Connections are made via industry standard NL8 connectors. The enclosure is constructed of durable 12-ply void-free birch laminate, dadoed for strength and durability. Steel handles facilitate loading and packing. The SA422-2 features interlocking top and bottom skid plates for reliable stacking. Eye-bolt mount points are integrated into the enclosure design allowing the system to be flown or installed easily. Perforated steel, backed by acoustically transparent foam, is employed for frontal protection of the loudspeaker complement. Finally, the system is protected from damage and weatherproofed with McCauley's ProCoat™ elastomeric finish.



Features:

Highly Arrayable Dispersion Pattern
Extended High Frequency Performance
High-Output from a Compact Enclosure

Tough 12-Ply Construction
Integrated Rigging & Stacking Mechanisms
Weatherproof ProCoat™ Elastomeric Finish



the idea behind it

The SA422-2 was designed as compact, arrayable dedicated mid /high range system for small to medium scale stage sound reinforcement duty and high output foreground installations. This system's complement is flexible enough to work superbly in both 3-way and 4-way configurations, while the SA422-2's durable construction, compact size and reliable performance make this

system and excellent choice for both regional level sound reinforcement as well as high performance installations.

Applications:

Live / Dance Club Installations
Regional-Level Sound Reinforcement P.A.
House of Worship

performance parameters

power handling	MF 1200w AES HF 160w AES
frequency response	90Hz - 19kHz
nominal impedance	4Ω MF/ 16Ω HF
sensitivity 2.83v @ 1m	MF 106dB HF 111dB
maximum calculated SPL	132dB / 138 dB cont / peak
recommended crossover	150Hz / 1.6kHz
directivity / coverage	50° H x 70° V

physical properties

weight	110lbs / 50kgs
dimensions inches centimeters	36H x 17.5W x 20D 91H x 44W x 51D
finish	ProCoat™
enclosure material	5/8" 12-ply
construction	rabbet & dadoed
suspension	internal 3/8" eyebolt
connectors	NL8
transducers	(2) 12" Midrange (1) 2" XHF Driver