

# OAP Audio Stage Monitor Series



**Solutions for Houses of Worship, Boardrooms, Classrooms,  
Restaurants, Lounges, and Live Stage Applications.**

## GENERAL

Our stage monitor series of products has been designed after many years of research and development with input from audio engineers, working musicians, and entertainers. Great detail in quality has been given not only to sonic characteristics, but also to ergonomics and reliability. The same construction techniques and quality of components and material are used throughout the entire line, regardless of the application or price point. 3/4" birch plywood is used for all enclosure panels. To ensure structural integrity, all panels are braced internally. After enclosure assembly, all surfaces are sanded and two coats of smooth chemical coating is applied as a primer coat. An additional two textured coats are applied for durability. Standard color is black, with white also available. A smooth, sanded finish can also be ordered for user supplied finishes. All hardware is recessed for transport durability. To protect the transducers, an epoxy coated 16-gauge perforated steel grill is used.

**WARRANTY:** OAP Audio loudspeaker systems are guaranteed against failure due to workmanship and materials for a period of five (5) years from date of purchase and is limited to original purchaser. If such failure does occur, unit will be replaced or repaired (at the discretion of OAP Audio) without charge for labor and materials. Unit must be delivered to OAP Audio or one of our authorized service facilities prepaid. In warranty items will be returned prepaid. Items not covered by warranty includes finish or appearance items, or failure due to operation under other than specified conditions. This warranty also does not include any incidental or consequential damages. Repair by other than OAP Audio or an authorized service facility will void this guarantee.

Note: As a research and development corporation, OAP Audio reserves the right to change specifications to improve performance.

## SM-122



The SM-122 is a full range multi-functional loudspeaker system with an (SM-122 specific) integral passive crossover. The SM-122's uniquely designed enclosure enables this flexible loudspeaker to perform either as a low profile monitor; or a "front of house" system when the optional pole socket is added. The styling of the SM-122 makes it ideally suited for uses in houses of worship, classrooms, theaters, restaurants, and lounges where a "low profile-high output" loudspeaker systems with superb sonic quality is required. The low frequency spectrum of the SM-122 is handled by a 12" direct radiator, while a 1" throat titanium diaphragm driver coupled to a 110° defined coverage conical/(WAVE) horn extends high frequency performance. To achieve low crossover insertion and high reliability, 16 gauge wire and mylar capacitor are used throughout with all components mechanically secured to a glass epoxy board. Standard finish is black or white textured gloss enamel paint, with weatherized package available as an option.



## Specifications

Impedance (passive)	8 ohm system
Sensitivity	97 db (average between 125 Hz and 16 khz.)
Frequency Response	65 hz-16 kHz (+/-3) 50 hz-22 khz (+/-6 db)
Power Handling	300 watts continuous program
Dimensions	15.5"W x 13.125"H x 23"D
Angles	30/60°
Mounting	Adaptable to industry available mounting hardware.
Finish	Black, White (Weatherized option)
Low Frequency Device	1/8 ohm, 12" with Cloth Surround, 2.5" edge wound voice coil and 80 oz. Magnet
High Frequency Device	1" Compression Driver with titanium diaphragm mounted on a 110° Wave Guide Horn
Input	1/4" jack or NL4
Crossover	2-way passive
Pole Mounted Socket	Optional
Weight	47 lbs.

**Input Panel Operation:** OAP Audio High Performance Production Stage Monitors are supplied with standard input panels. The SM-122 is provided with passive crossovers via 15 amp 1/4" jacks. For all 1/4" operations the tip is positive and the ring is negative. Other configurations and connectors are available for all models. For more information please consult your dealer or the factory.

A multi-pin connector is used to easily disconnect the input panel from the internal wiring harness. To change input panels, remove the phillips head screws. Lift the panel from the enclosure and disconnect the input panels by pulling part the connector. To install the new panel, reverse the above procedure. Insure that there is a color continuity on both sides of the connector.