

# 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-115



The SM-115 is a full range stage monitor capable of high spl for vocal or instrument monitoring. Low frequencies are reproduced by a 15" 400 watt woofer. The high frequencies are reproduced by a horn and driver combination. The 1" throat compression driver has a 2" voice coil with a 1.75" titanium diaphragm. The horn dispersion is 60° x 40°. The SM-115 should be used whenever more low frequency response is needed than the SM-112. It can be used for vocal or instrument monitoring. The 35 and 55 degree angles offer flexibility monitoring the program source in areas such as stages in performance venues, as well as platform uses in houses of worship.



## Specifications

Impedance (passive)	8 ohm
Power Handling	400 watts
Sensitivity	103 db 1 watt @ 1 meter averaged between 125 Hz and 8,000 Hz. 123 db maximum at 1 meter averaged between 125 Hz and 8,000 Hz.
Frequency Response	60 Hz to 16 kHz +3 -6
Input	15 amp 1/4" standard, other connectors available
Crossover	2-way passive
Angles	35 and 55 degrees
Dimensions	19.25"W x 17.375"H x 25.5"D
Weight	70 lbs.
Color	Black textured is standard with white and unfinished optional
Grill	Black epoxy perforated 16 gauge carbon steel

**Input Panel Operation:** OAP Audio High Performance Production Stage Monitors are supplied with standard input panels. The SM-115 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.