

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-212



The SM-212 (biamp only) is used when critical needs such as very high spl and long term power handling is required in a low profile stage monitor. It is capable of full range monitoring of vocals as well as instruments. The SM-212 uses two 4" voice coil 12" woofers capable of 1400 watts power handling for low frequency reproduction. The high frequencies are handled by a large format 120 watt 2" throat compression driver coupled to a 70° x 50° constant dispersion horn.

High Performance Production Stage Monitors

SM-212



Specifications

Impedance (passive)	LF: 8 ohm HF: 8 ohms
Power Handling	LF: 2400 watts HF: 220 watts
Sensitivity	LF: 101 db 1 watt @ 1 meter HF: 110 db 1 watt @ 1 meter
Frequency Response	60 Hz to 18 kHz +3 -6
Input	Parallel NL4 (biamp only)
Angles	35 and 55 degrees
Dimensions	37"W x 14.375"H x 17.25"D
Weight	110 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-212 come standard with the IP-4NS input panel for active operation. This panel uses two parallel Neutrik NL4MPR connectors. For the IP-4NS Neutrik Speakon connector: pin 1- is LF negative, pin 1+ is LF positive, pin 2- is HF negative, and pin 2+ is HF positive. 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.

Rev. D (05/13)