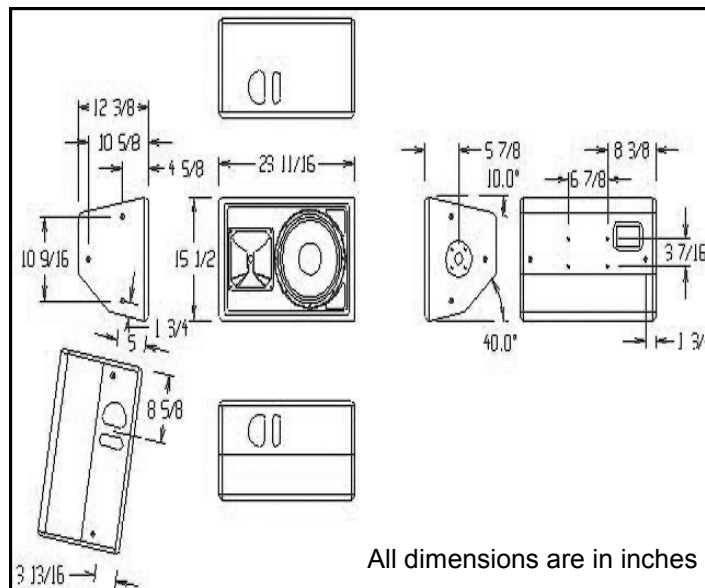


AS-122

Two-Way Loudspeaker System



Specifications

Low Frequency Driver	1-8 ohm, 12" with cloth surround paper cone, 3" VC Neodymium Magnet
High Frequency Driver	1-8 ohm 1" exit HF driver with 1.7" edgewound voice coil, polyamide field replaceable diaphragm
High Frequency Horn	1" rotateable defined coverage asymmetrical horn, 60° upper vertical, 110° lower vertical x 60° horizontal
Impedance	8 ohms nominal system
Frequency Response	60 Hz to 18 KHz (+/- 3 dB) 48 Hz to 20 KHz (+/- 6 dB)
Sensitivity	105.3 dB 1 watt @ 1 meter averaged between 125 Hz and 16 KHz. 133.3 dB maximum @ 1 meter averaged between 125 Hz and 16 KHz.
Power Handling	700 watts peak program power (350 watts continuous) passive
Dimensions	23.69" H x 15.5" W x 12.375" D
Weight	42 lbs.
Multi Angle Taper	10° each side; 40° monitor angle
Flypoints	Twelve: 3/8" x 16 flypoints, 3 each on top and bottom, 2 each on back and sides; or 1 1/2" speaker socket.
Input Connector	2-1/4" Jacks, NL4 Neutrick Connector, or Barrier Strip
Color	Black textured paint is standard with white and unfinished optional
Grill	Black epoxy perforated 18 gauge carbon steel, white grill available as an option
Crossover	2-way Passive 12 dB/oct
Optional Input	Pole Mount Passive Red +/-Black - Active Red +/-Black -, HF White +/- Blue -

Note: AS-122 has rear bolt pattern for omni mount 120.0 (old 300 series) wall bracket.

Rev. D (05/13)

General

OAP Audio Products, of Buford, Georgia (USA) has introduced the new AS-122 Series "flyable" Loudspeaker System. The AS-122 is a compact yet powerful two-way system which utilizes a 1" driver coupled to a rotateable asymmetrical horn (60° upper vertical, 110° lower vertical x 60° horizontal) for high frequency reproduction; and a 12" woofer (1400 W program power) provides the low frequency. The AS-122 arrayable loudspeaker systems is a two-way design that delivers outstanding vocal reproduction; as well as excellent pattern and tonal control for high and low frequencies. The AS-122 is ideally suited for portable and touring applications, as well as fixed installations. The OAP AS-122 includes a passive crossover. The AS-Series (flyable vertically or horizontally) utilizes the OAP specific steel braces for the ultimate in flying safety. To ensure enclosure stability, 3/4" birch plywood is used with all interconnecting surfaces extensively brace and glued. Standard color is black with white and roadcoat available as optional colors. An unfinished version is available for user supplied finish. All hardware is recessed and the handles are integral to the enclosure for transport pack. The AS-122 has a dual shape: 23.69" H x 15.5" W x 12.375" D with a 10° taper; 40° monitor angle. Full Range sensitivity (passive) measures 105.3 dB (1w/1m); 350 watt continuous program power; 60 Hz to 18 KHz +/- 3 dB.



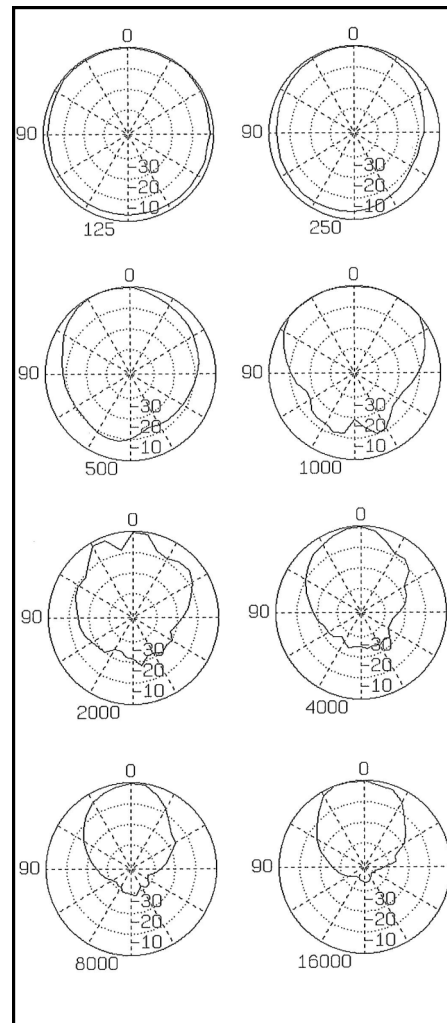
Applications

The AS-122 should be used when a compact, high output full-range is needed for portable or installed sound. It can be a stand-alone system operated passively with frequency response down to 60 Hz. The AS-122 can be used as a "mid-hi" section of an extended range system when used with low-frequency speakers such as the OAP Audio LF-118 or TR-218. It can be stand mounted by using a 1.5" diameter tube speaker stand, or easily "flown" vertically or horizontally. The AS-122 can be also ordered without the handle and socket.

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.

Vertical Polar Plots



Horizontal Polar Plots

