

# NF Series Data Sheet



## NF-281

The NF-281 is a bracket-mountable, two-way, trapezoidal shaped loudspeaker system with an (NF-281 specific) integral passive crossover. The NF-281 is ideally suited for uses in houses of worship, boardrooms, classrooms, restaurants, and lounges where a "low profile-high output" loudspeaker system with superb sonic quality is required. The low frequency spectrum of the NF-281 is handled by two 8" direct radiators, while a 1" throat mylar diaphragm driver coupled to a 110° defined coverage Conical/(WAVE) horn extends high frequency performance. To achieve low crossover insertion loss and high reliability, 16 gauge wire and mylar capacitor are used throughout with all components mechanically secured to a glass epoxy PC board. The NF-281 enclosure is constructed of 3/4" void free material with all interconnecting surfaces extensively nailed and glued. The input panel is recessed into the cabinet. The NF-281 uses an epoxy coated perforated grill for speaker component protection. Standard finish is black or white textured gloss enamel paint, with a weatherized package available as an option. Like all OAP loudspeaker systems, the NF-281 comes with a five year warranty. (Note: an optional 90°x 60° rotatable horn is available. Horn can be center mounted.)

## Specifications

Impedance	8 ohm system
Sensitivity	97.3 db (averaged between 125 Hz and 16 khz)
Frequency Response	70 hz - 20 khz (+/- 3db) 55 hz - 22 khz (+/- 6db)
Power Handling	325 watts continuous program
Dimensions	11.5" W x 26.875" H x 8.75" D
Taper	10°
Mounting	Adaptable to industry available mounting hardware
Finish	Black, White (Weatherized option available)
Low Frequency device	2/4 ohm, 8" Rubber Surround (wired series), treated cone, 2" voice coil and 30 oz. Magnet
High Frequency device	1" Compression Driver with extended High Frequency, Mylar Diaphragm mounted on a 110° Wave Guide Horn
Inputs	2 position terminal block or 1/4" jack, both with High Frequency L-pad. Red +/-/Black -
Crossover	2-way passive
Bracket (MB-281)	Available in (Black or White)
Weight	35 lbs.

## Warranty

OAP Audio NF-Series 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 pre-paid. 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.