

# NF Series Data Sheet



## NF-80

The NF-80 is a bracket-mountable, two-way, trapezoidal shaped loudspeaker system with an (NF-80 specific) integral passive crossover. The NF-80 is ideally suited for uses in houses of worship, boardrooms, classrooms, restaurants and lounges, sporting establishments, and retail establishments where a "low profile" loudspeaker system with superb sonic quality is required in a near field application. The low frequency spectrum of the NF-80 is handled by an 8" direct radiator, while a 1" dome tweeter 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-80 enclosure is constructed of 3/4" material with all interconnecting surfaces extensively nailed and glued. The input panel is recessed into the cabinet. The NF-80 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. The NF-80 also can be ordered with a multi-tap transformer.

## Specifications

Impedance	8 ohm system
Sensitivity	98.7 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 15.125" H x 8.75" D
Taper	10°
Mounting	Adaptable to industry available mounting hardware
Finish	Black, White (Weatherized option available)
Low Frequency device	1/8 ohm, 8" Rubber Surround (wired series), treated cone, 2" voice coil and 30 oz. Magnet
High Frequency device	1" dome tweeter with Ferrofluid
Inputs	2 position terminal block . Red +/-Black -
Crossover	2-way passive
Multi-Tap Transformer	Available
Bracket (MB-80)	Available in (Black or White)
Weight	18 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 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.