

# ND6509

☀ 2.5 inch ☀ 75 Watts  
 ☀ 108dB ☀ 750 ~ 18k Hz



## KEY FEATURES:

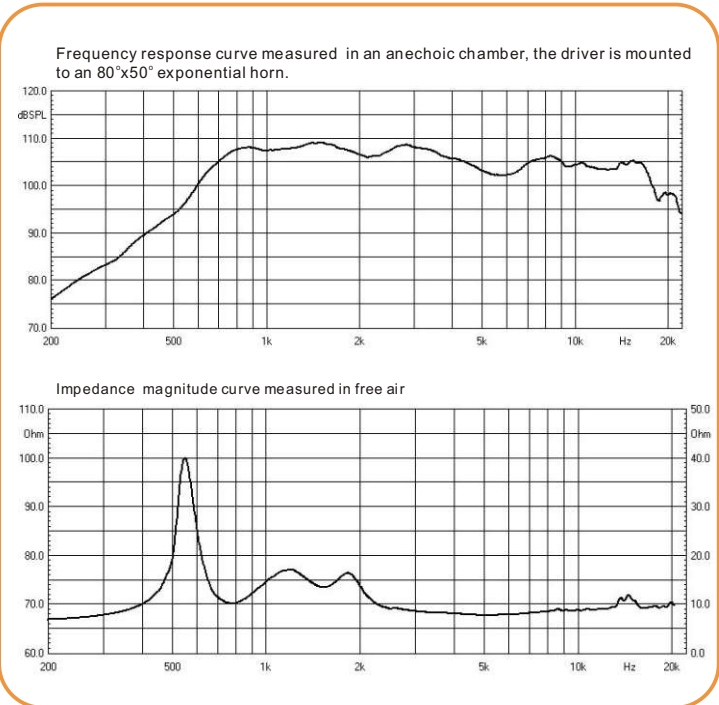
- ① 1.5" exit throat
- ② 150 W continuous program power handling
- ③ 108 dB sensitivity 1w/1m
- ④ 750Hz~18kHz frequency range
- ⑤ Titanium diaphragm
- ⑥ 65mm(2.5") edgewound aluminum voice coi
- ⑦ Copper inductance ring for extended HF responsel
- ⑧ Neodymium magnet structure

## GENERAL SPECIFICATIONS<sup>1</sup>

Throat Diameter	38mm /1.5inch
Rated Impedance	8ohm
Power handling(1k~18kHz)	
Nominal <sup>2</sup>	75 Watts
Continuous Program <sup>3</sup>	150 Watts
Sensitivity <sup>4</sup>	
(1w/1m, on axis, on horn)	108 dB
Frequency Range	750~18 k Hz
Minimum Impedance(Z <sub>m</sub> in)	7.7 ohm
Voice Coil Diameter	65mm /2.5inch
Voice Coil Material	Edgewound Aluminum
Voice Coil Former	Kapton
Phase Plug Material	Composite
Diaphragm Material	Titanium
Flux Density	2 T
Magnet Material	Neodymium

## MOUNTING INFORMATION

Overall Diameter	115 mm
Overall Depth	45 mm
Net Weight	1.8 kg
4xM6 holes, 90°on 102mm diameter	



## NOTES:

1. 2 hours test made with continuous pink noise signal(6dB crest factor) within the specified range.
2. Continuous Program Power is defined as 3dB greater than the nominal power Handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis from the mouth of a horn and averaged within the specified range.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated. Sensitivity.

