

# NDi7409

☀ 3 inch ☀ 90 Watts  
☀ 109 dB ☀ 700 ~ 18k Hz



## KEY FEATURES:

- ① 1.5" exit throat
- ② 180 W continuous program power handling
- ③ 109 dB sensitivity 1w/1m
- ④ 700Hz~18kHz frequency range
- ⑤ Titanium diaphragm
- ⑥ 75mm(3") 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>	90 Watts
Continuous Porgram <sup>3</sup>	180 Watts
Sensitivity <sup>4</sup>	
(1w/1m, on axis, on horn)	109 dB
Frequency Range	700~18k Hz
Minimum Lmpedance(Zmin)	7.8ohm
Voice Coil Diameter	75mm /3inch
Voice Coil Material	Edgewound Aluminum
Voice Coil Former	Kapton
Phase Plug Material	Composite
Diaphragm Material	Titanium
Flux Density	1.9 T
Magnet Material	Neodymium

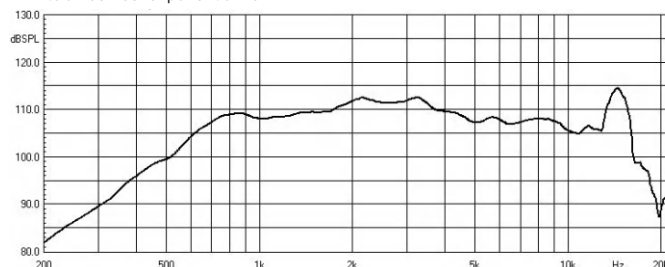
## MOUNTING INFORMATION

Overall Diameter	124 mm
Overall Depth	56 mm
Net Weight	2.1 kg
4xM6 holes, 90°on 102mm diameter	

## NOTES:

- 2 hours test made with continuous pink noise signal(6dB creast factor) within the specified range.
- Continuous Program Power is defined as 3dB greater than the nominal power Handling.
- 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.
- 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.

Frequency response curve measured in an anechoic chamber, the driver is mounted to an 80°x50° exponential horn.



Impedance magnitude curve measured in free air

