

# ND4409

☀️ 1.7 inch ☀️ 50 Watts  
☀️ 106dB ☀️ 800 ~ 19k Hz



## KEY FEATURES:

- ① 1" exit throat
- ② 100 W continuous program power handling
- ③ 106 dB sensitivity 1w/1m
- ④ 800Hz~19kHz frequency range
- ⑤ Polyimide diaphragm
- ⑥ 44mm(1.7") edgewound aluminum voice coi
- ⑦ Neodymium magnet structure

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

Throat Diameter	25.4mm /1inch
Rated Impedance	8ohm
Power handling(1k~18kHz)	
Nominal <sup>2</sup>	50 Watts
Continuous Program <sup>3</sup>	100 Watts
Sensitivity <sup>4</sup>	
(1w/1m, on axis, on horn)	106 dB
Frequency Range	800~19 k Hz
Minimum Impedance(Z <sub>m</sub> in)	7.5ohm
Voice Coil Diameter	44mm /1.7inch
Voice Coil Material	Edgewound Aluminum
Voice Coil Former	Kapton
Phase Plug Material	Composite
Diaphragm Material	Polyimide
Flux Density	1.7 T
Magnet Material	Neodymium

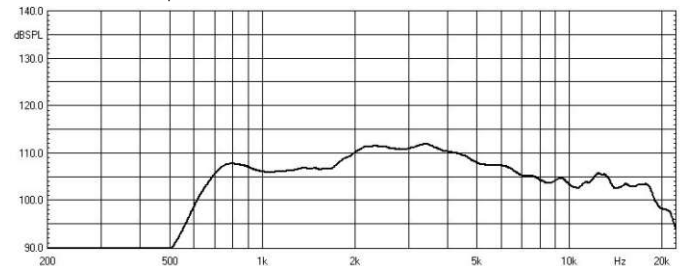
## MOUNTING INFORMATION

Overall Diameter	85 mm
Overall Depth	46 mm
Net Weight	0.9 kg
2xM6 holes, 180° on 76mm 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.

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

