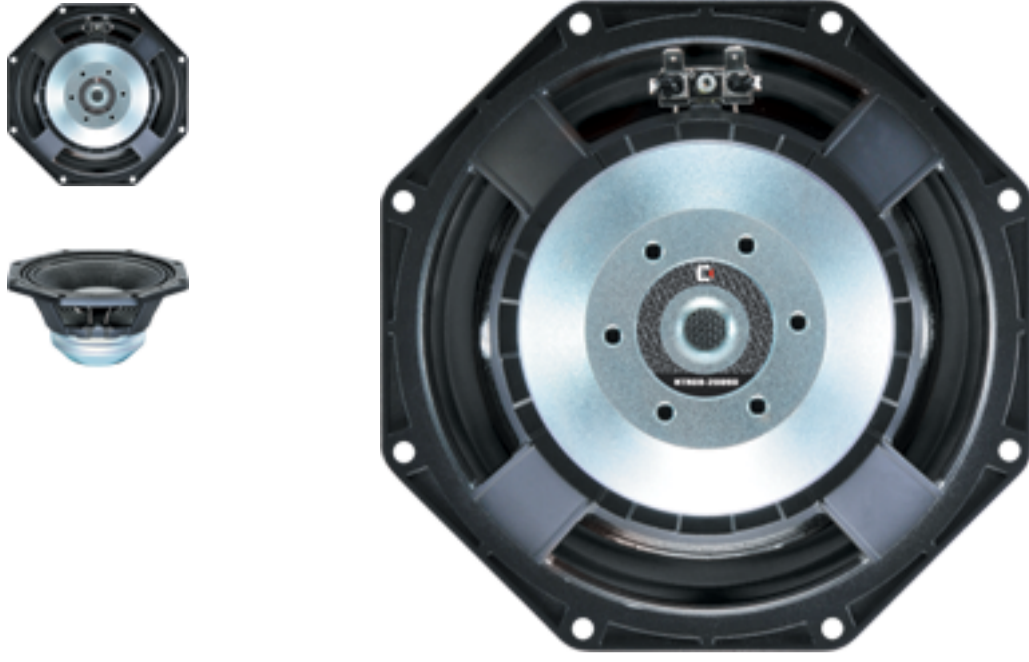


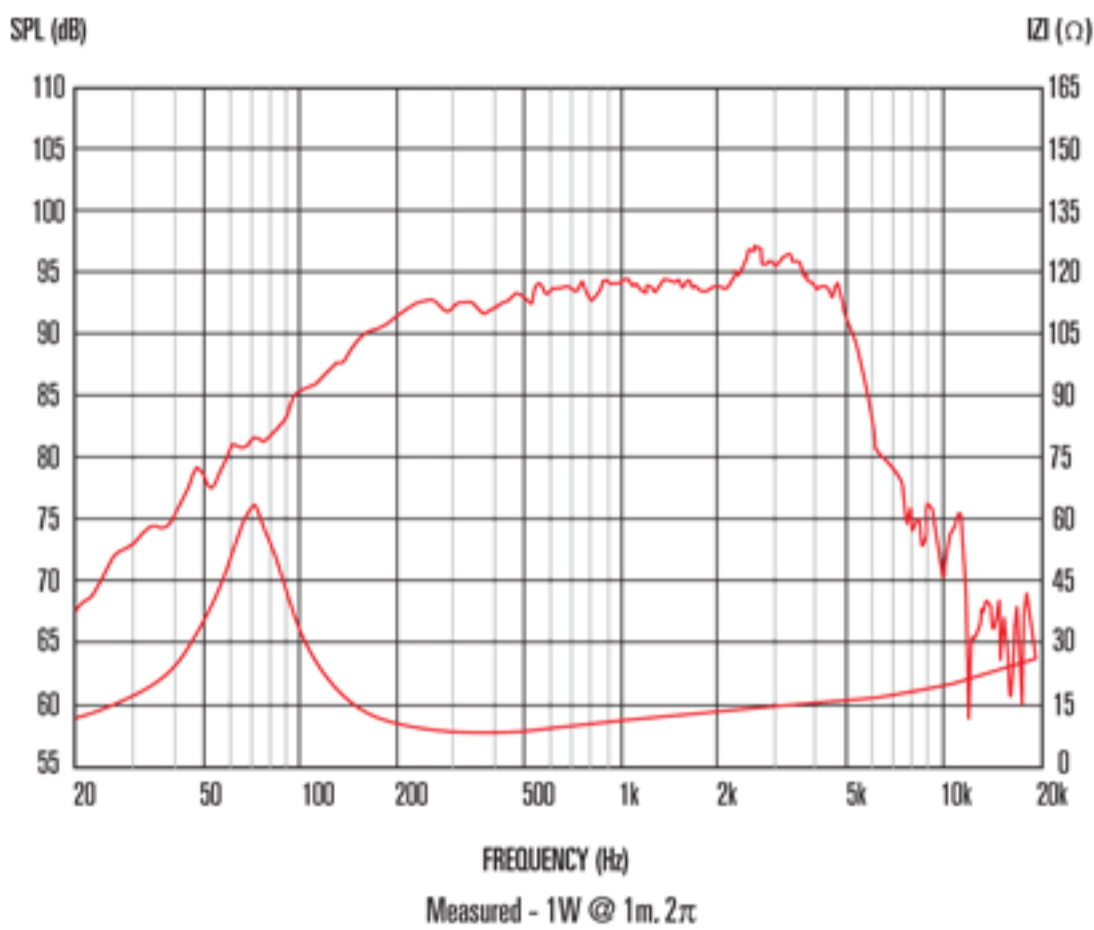
NTR08-2009D



Features

- 8" neodymium magnet driver providing 200Wrms (AES standard) power handling and 94.5dB sensitivity
- 2" edgewound copper voice coil
- Suitable for line array applications, utilizing a space-efficient octagonal chassis profile
- Copper sleeved pole reduces inductive rise for improved HF performance
- "M-roll" surround provides progressive excursion control, generating a smooth frequency response
- Intelligent heat management in both chassis and magnet assembly design offers reduced thermal compression

8 Frequency Response



1. Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.
2. Measured on axis at 1W, 1m in 2 anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.
4. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	203mm/8in
Power rating ¹	200Wrms
Nominal impedance	8
Sensitivity ²	94.5dB
Frequency range	70-5000Hz
Voice coil diameter	50mm/2in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Flat copper
Former material	Glass fibre
Cone material	Kevlar loaded paper with weather-resistant coating
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	4mm/0.16in
Gap depth	10mm/0.39in
Voice coil winding width	18mm/0.67in

Small Signal Parameters ⁴

D	0.17m/6.69in
Fs	64.3Hz
Mms	32.21g/1.14oz
Qms	2.063
Qes	0.219
Mmd	30.27g/1.07oz
Qts	0.198
Re	5.83 Ω
Vas	13.87lt/0.49ft ³
Bl	18.56Tm
Cms	0.19mm/N
Rms	6.3kg/s
Le (at 1kHz)	0.51mH

Mounting Information

Overall diameter	225mm/8.8in
Overall depth	100mm/4.16in
Cut-out diameter	187mm/7.4in
Mounting slot dimensions	8x216.5mm/0.26in
Number of mounting slots	8
Mounting slot PCD range	210/8.3
Unit weight	2.8kg/6.16lb

Packed Dimensions & Weight

Single pack size W x D x H	
Single pack weight	
Multi pack size W x D x H	450mmx380mmx260mm /17.7in x 15.0in x 10.2in
Multi pack weight	24kg/52.8lb