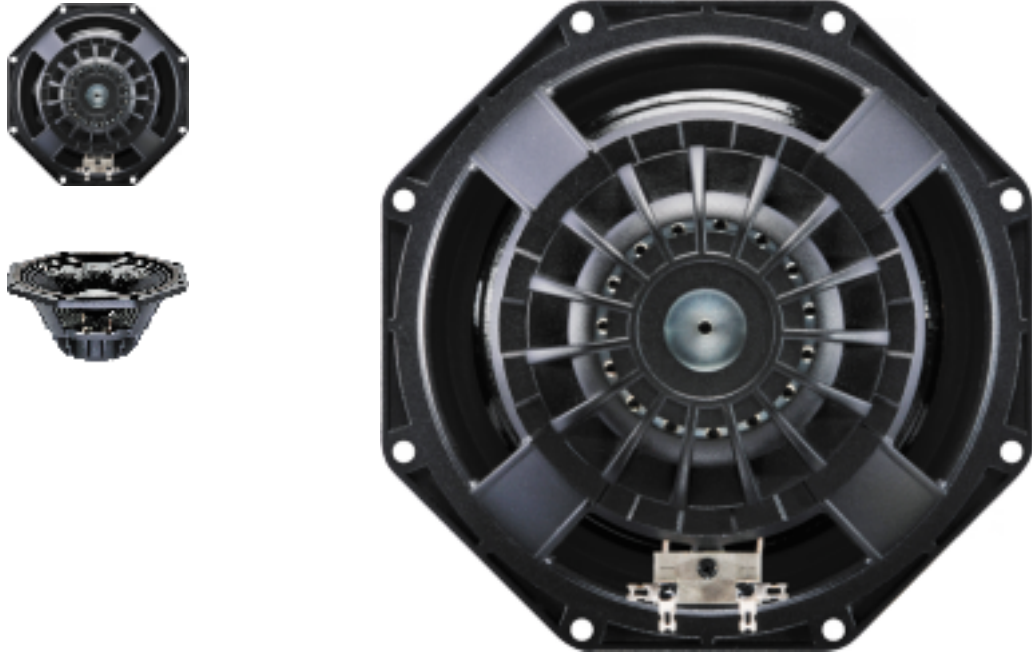


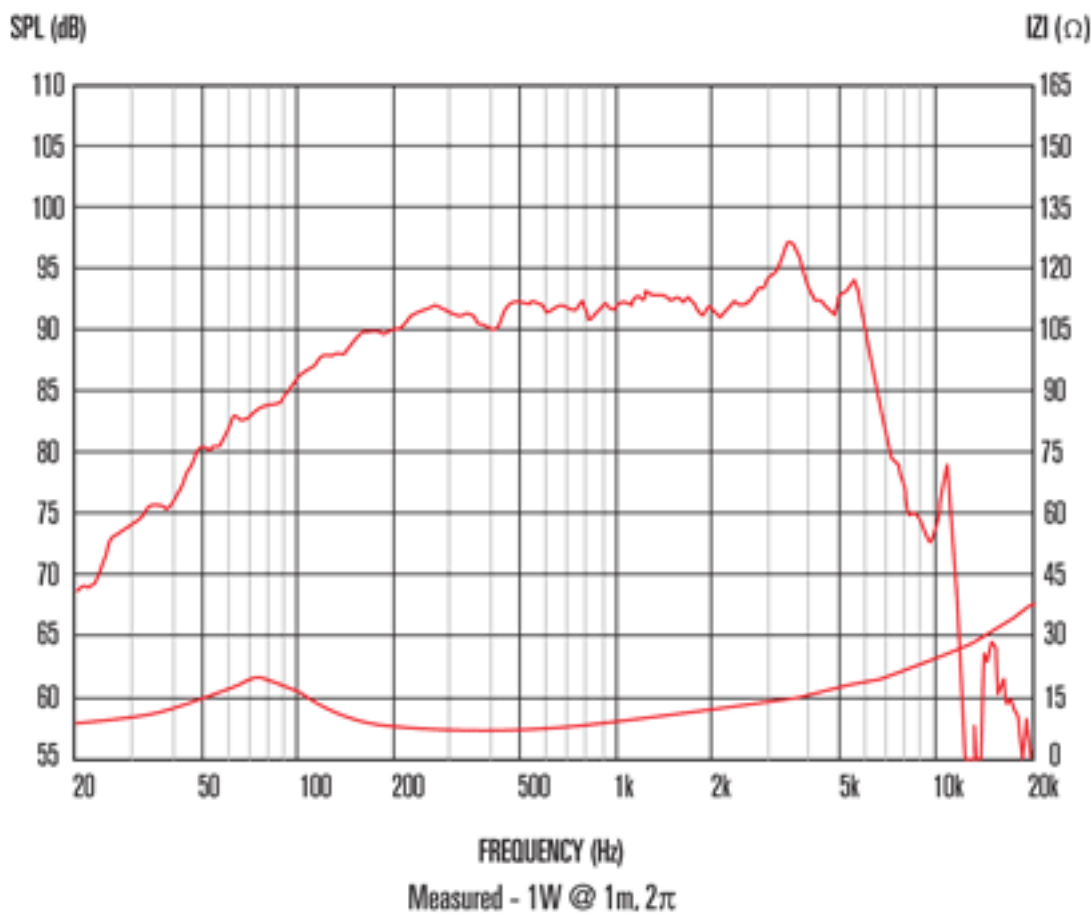
NTR08-2011D



Features

- 8" neodymium magnet driver providing 200Wrms (AES standard) power handling and 92dB sensitivity
- 2" high temperature copper voice coil
- Suitable for line array applications, utilizing a space-efficient octagonal chassis profile
- Optimized flux distribution in magnet assembly provides low harmonic distortion
- "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	92dB
Frequency range	70-6000Hz
Voice coil diameter	50mm/2in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper with weather-resistant coating
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	4mm/0.16in
Gap depth	8mm/0.32in
Voice coil winding width	16mm/0.63in

Small Signal Parameters ⁴

Fs	80.3Hz
Mms	25.33g/0.89oz
Mmd	23.39g/0.826oz
Qms	1.33
Qes	0.59
Qts	0.41
Re	5.85
Vas	11.3lt/0.399ft ³
Bl	11.22Tm
Cms	0.16mm/N
Rms	9.6kg/s
Le (at 1kHz)	0.59mH
D	0.17m/6.69in

Mounting Information

Diameter	225mm/8.8in
Overall depth	100mm/4.16in
Cut-out diameter	100mm/4.16in
Mounting slot dimensions	∅6.5mm/0.26in
Number of mounting slots	8
Mounting slot PCD	210/8.3
Unit weight	1.52kg/3.34lb

Packed Dimensions & Weight

Single pack size W x D x H	235mm x 235mm x 140mm /9.2in x 9.2in x 5.5in
Single pack weight	1.75kg/3.85lb
Multi pack (8) size W x D x H	450mmx380mmx260mm /17.7in x 15.0in x 10.2in
Multi pack (8) weight	16kg/35.2lb