

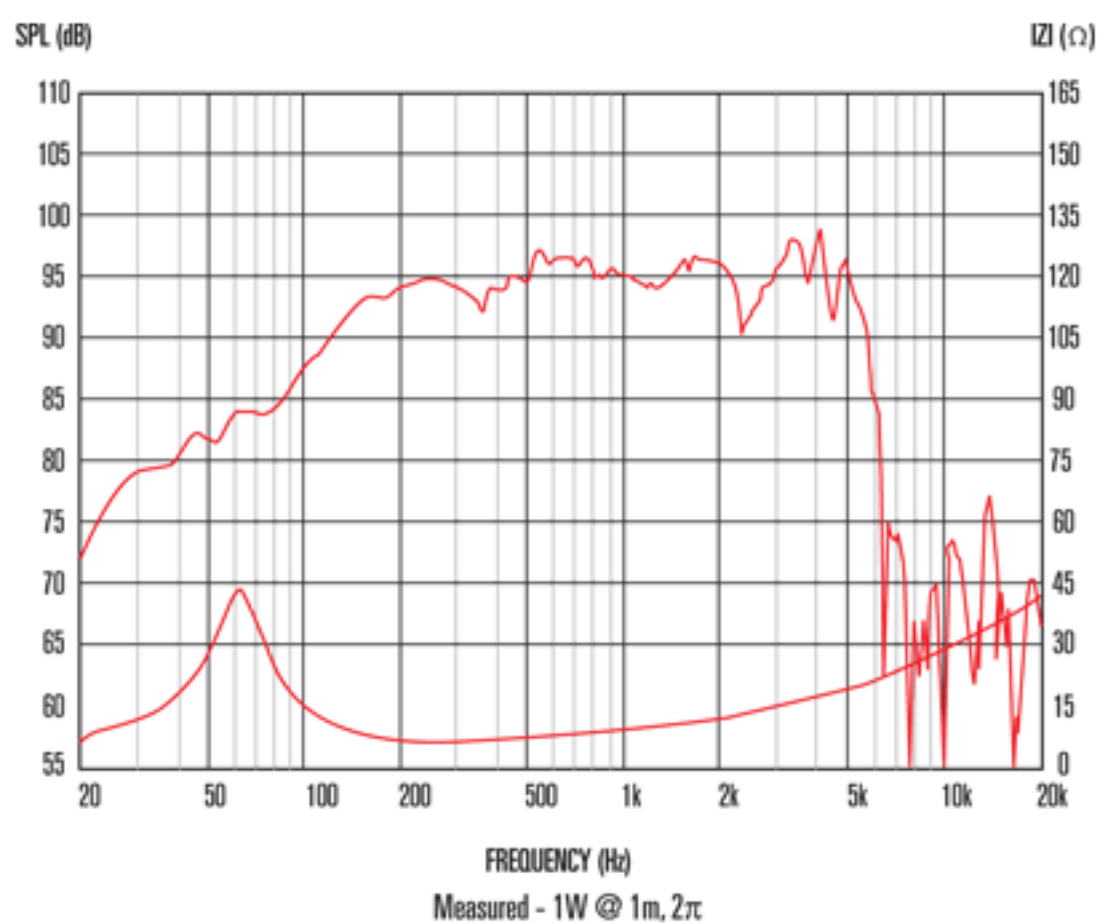
NTR10-2520D



Features

- 10" neodymium mid/bass unit offers 250Wrms (AES standard) power handling and 96dB sensitivity
- 2.5" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- "M-roll" surround provides progressive excursion control, yielding a smooth response even at extremes of frequency range
- Extremely lightweight design combined with a highly efficient magnet assembly results in exceptional power-to-weight ratio
- Intelligent heat management in both chassis and magnet assembly design further minimises distortion

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
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	254mm/10in
Power rating ¹	250Wrms
Nominal impedance	8
Sensitivity ²	96dB
Frequency range	55-3500Hz
Voice coil diameter	64mm/2.5in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Copper clad aluminium
Former material	Glass fibre
Cone material	Kevlar loaded paper
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

D	0.21m/8.27in
Fs	56.7Hz
Mms	40.22g/1.42oz
Qms	2.763
Qes	0.411
Mmd	36.57g/1.29oz
Qts	0.358
Re	6.11Ω
Vas	33.28lt/1.17ft ³
Bl	14.6Tm
Cms	0.196mm/N
Rms	5.184kg/s
Le (at 1kHz)	0.55mH

Mounting Information

Overall diameter	260mm/10.24in
Overall depth	113mm/4.45in
Cut-out diameter	232mm/9.13in
Mounting slot dimensions	7.5mm x 6.5mm/0.3in x 0.26in
Number of mounting slots	4
Mounting slot PCD range	244-247mm/9.6-9.7in
Unit weight	2.2kg/4.89lb

Packed Dimensions & Weight

Single pack size W x D x H	305mm x 305mm x 150mm /12.0in x 12.0in x 5.9in
Single pack weight	2.5kg/5.5lb
Multi pack size W x D x H	1080mmx880mmx840mm /42.5in x 34.6in x 33.1in
Multi pack weight	235kg/518lb