

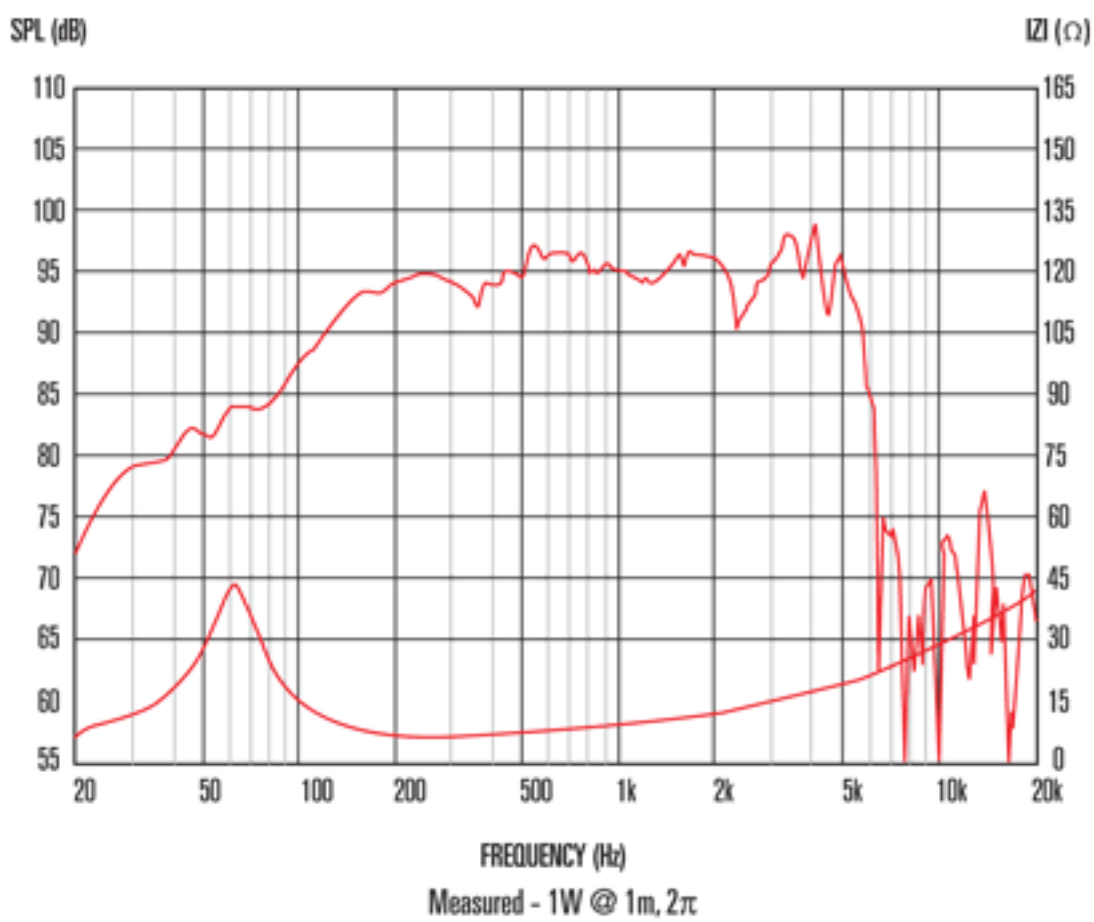
NTR10-2520D



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 |
| Mmd | 36.57g/1.29oz |
| Qms | 2.763 |
| Qes | 0.411 |
| Qts | 0.358 |
| Re | 6.11 |
| Vas | 33.28lt/1.17ft3 |
| Bl | 14.6Tm |
| Cms | 0.196mm/N |
| Rms | 5.184kg/s |
| Le (at 1kHz) | 0.55mH |

Mounting Information

| | |
|--------------------------|------------------------------|
| 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 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 |
| Multipack (96) size W x D x H | 1080mmx880mmx840mm /42.5in x 34.6in x 33.1in |
| Multi pack (96) weight | 235kg/518lb |