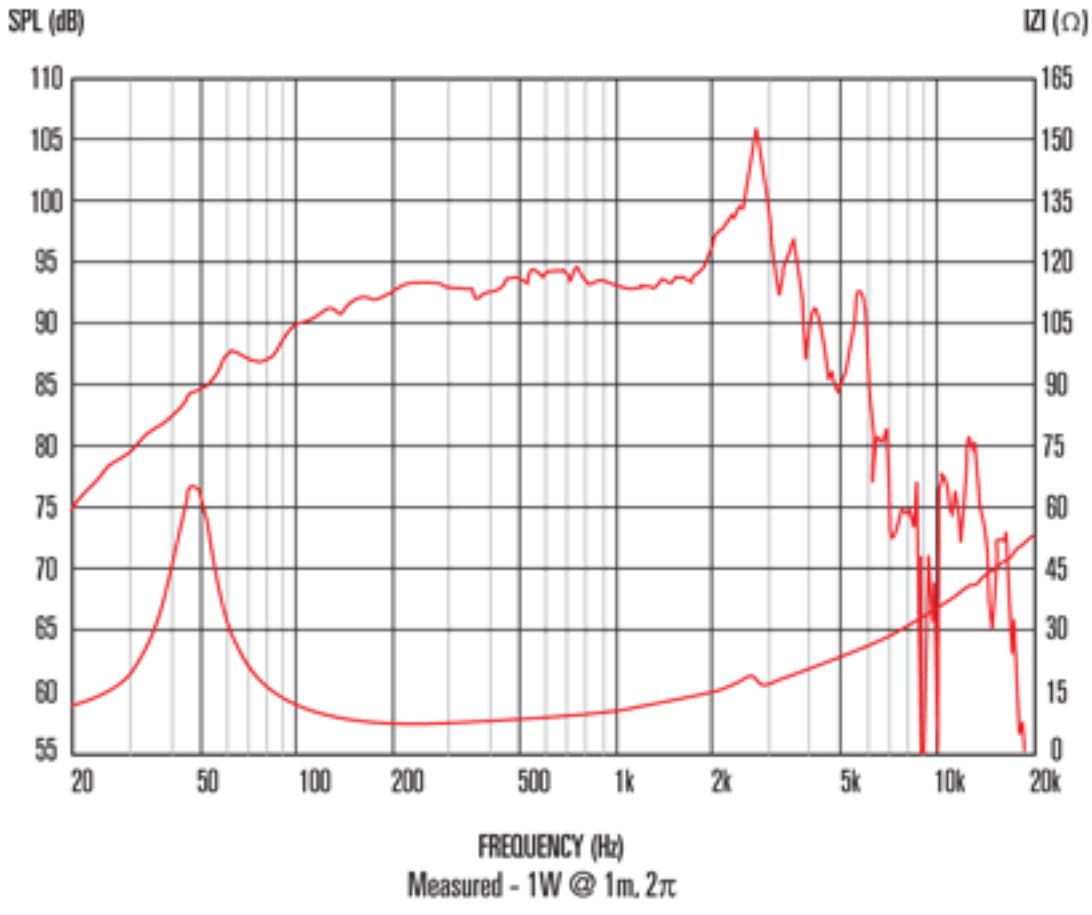
LF Cast Chassis / Neo

NTR10-2016D

Features

- 10" neodymium mid/bass unit offers 200Wrms (AES standard) power handling and 94dB sensitivity
- 2" high temperature voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- "Multi-roll" surround provides exceptional linearity at extremes of cone excursion
- Ribbed cone for increased stiffness
- Intelligent heat management in both chassis and magnet assembly design further minimises distortion

8 Ω 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.

General Specifications

Nominal diameter	254mm/10in
Power rating [1]	200Wrms
Nominal impedance	8 Ω
Sensitivity [2]	94dB
Frequency range	50-5000Hz
Voice coil diameter	50mm/2in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Round copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax [3]	4mm/0.16in
Gap depth	8mm/0.31in
Voice coil winding width	16mm/0.63in

Small Signal Parameters

D	0.21m/8.27in
Fs	42.6Hz
Mms	39.59g/1.40oz
Mmd	35.95g/1.27oz
Qms	6.105
Qes	0.374
Qts	0.353
Re	6.77 Ω
Vas	59.91lt/2.11ft3
Bl	13.841Tm
Cms	0.353mm/N
Rms	1.735kg/s
Le (at 1kHz)	0.746mH

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 0.6in
Number of mounting slots	4
Mounting slot PCD	244-247/9.6-9.7in
Unit weight	2.2kg/4.89lb

Packed Dimensions & Weight

Multi pack (8) size W x D x H	527mmx464mmx242mm /20.7in x 18.3in x 9.5in
Multi pack (8) weight	22kg/50lb

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