

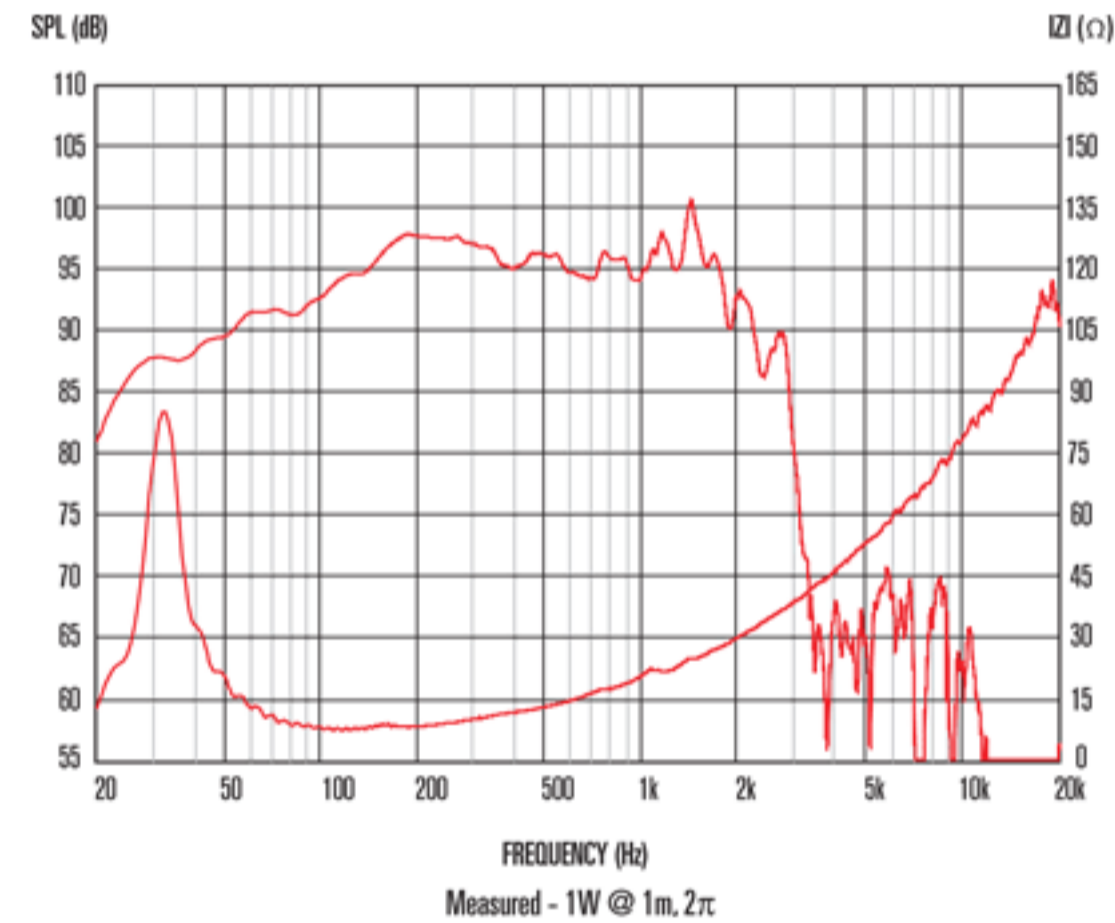
NTR21-5010JD



Features

- 21" neodymium subwoofer offers 1600Wrms (AES standard) power handling and 98dB sensitivity
- 5" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- Double suspension and a "multi-roll" surround provide exceptional linearity at extremes of cone excursion
- Rigid lightweight carbon fibre loaded cone delivers improved performance and faster response
- Intelligent heat management in both chassis and magnet assembly design further minimizes distortion

8 Frequency Response



General Specifications

Nominal diameter	530mm/21in
Power rating ¹	1600Wrms
Nominal impedance	8
Sensitivity ²	98dB
Frequency range	30-3000Hz
Voice coil diameter	125mm/5in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Round copper
Former material	Glass fibre
Cone material	Carbon fibre loaded paper
Surround material	Cloth-sealed
Suspension	Double
Xmax ³	9mm/0.35in
Gap depth	12mm/0.47in
Voice coil winding width	30mm/1.18in

Small Signal Parameters ⁴

Fs	30.2Hz
Mms	318.85g/11.26oz
Mmd	280.52g/9.9oz
Qms	5.231
Qes	0.309
Qts	0.291
Re	5.36
Vas	341.43lt/12.05ft3
Bl	32.39Tm
Cms	0.087mm/N
Rms	11.55Kg/s
Le (at 1kHz)	2.063mH
D	0.46m/18.11in

Mounting Information

Diameter	550mm/21.65in
Overall depth	254mm/10in
Cut-out diameter	492mm/19.37in
Mounting slot dimensions	12.5mm x 8.5mm/0.49in x 0.33in
Number of mounting slots	8
Mounting PCD range	520-528mm/20.5-20.8in
Unit weight	12.8kg/28.2lb

Packed Dimensions & Weight

Single pack size W x D x H	575mm x 575mm x 280mm /22.6in x 22.6in x11.0in
Single pack weight	13.2kg/29lb

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.