

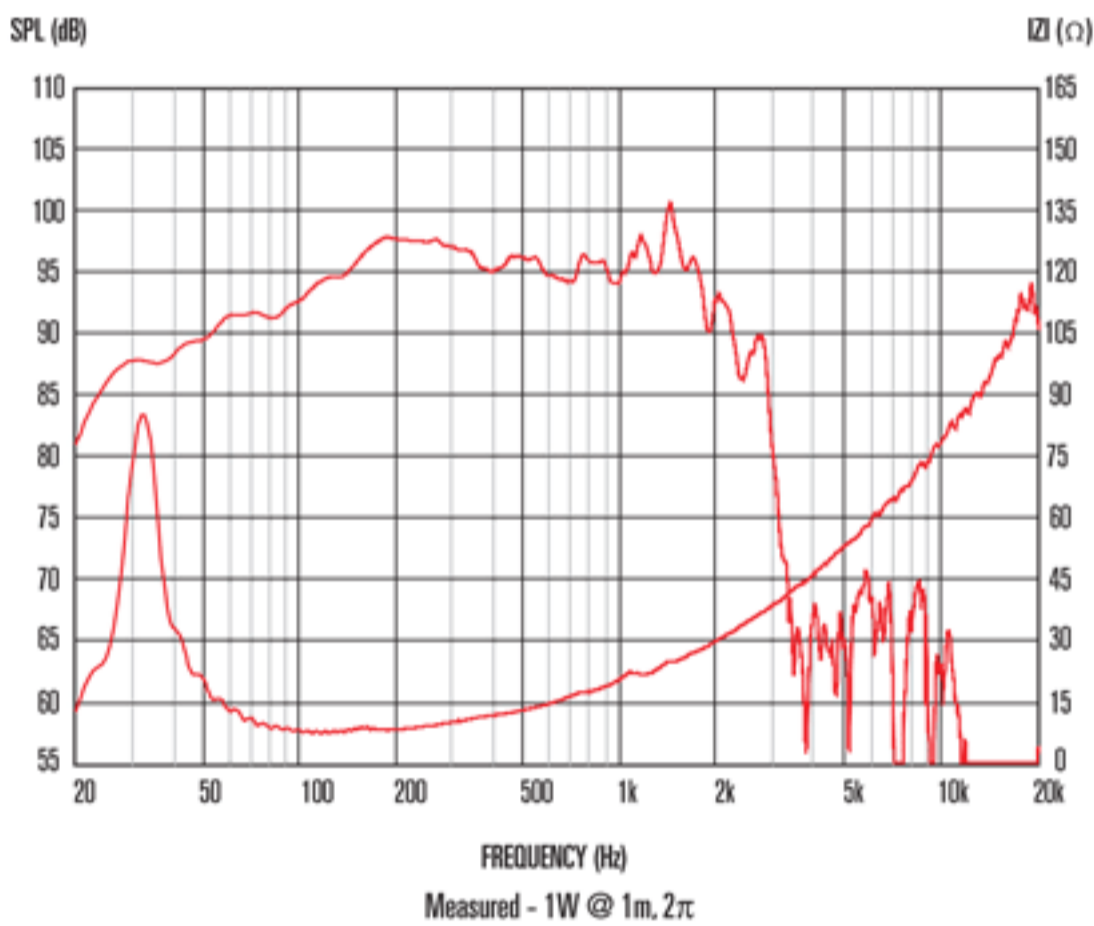
### NTR21-5010JD



#### 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



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 $\bar{1}$  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	530mm/21in
Power rating <sup>1</sup>	1600Wrms
Nominal impedance	8
Sensitivity <sup>2</sup>	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 <sup>3</sup>	9mm/0.35in
Gap depth	12mm/0.47in
Voice coil winding width	30mm/1.18in

#### Small Signal Parameters <sup>4</sup>

D	0.46m/18.11in
Fs	30.2Hz
Mms	318.85g/11.26oz
Qms	5.231
Qes	0.309
Mmd	280.52g/9.9oz
Qts	0.291
Re	5.36 $\Omega$
Vas	341.43lt/12.05ft <sup>3</sup>
Bl	32.39Tm
Cms	0.087mm/N
Rms	11.55Kg/s
Le (at 1kHz)	2.063mH

#### Mounting Information

Overall 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 slot 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 x 11.0in
Single pack weight	13.2kg/29lb
Multi pack size W x D x H	
Multi pack weight	