

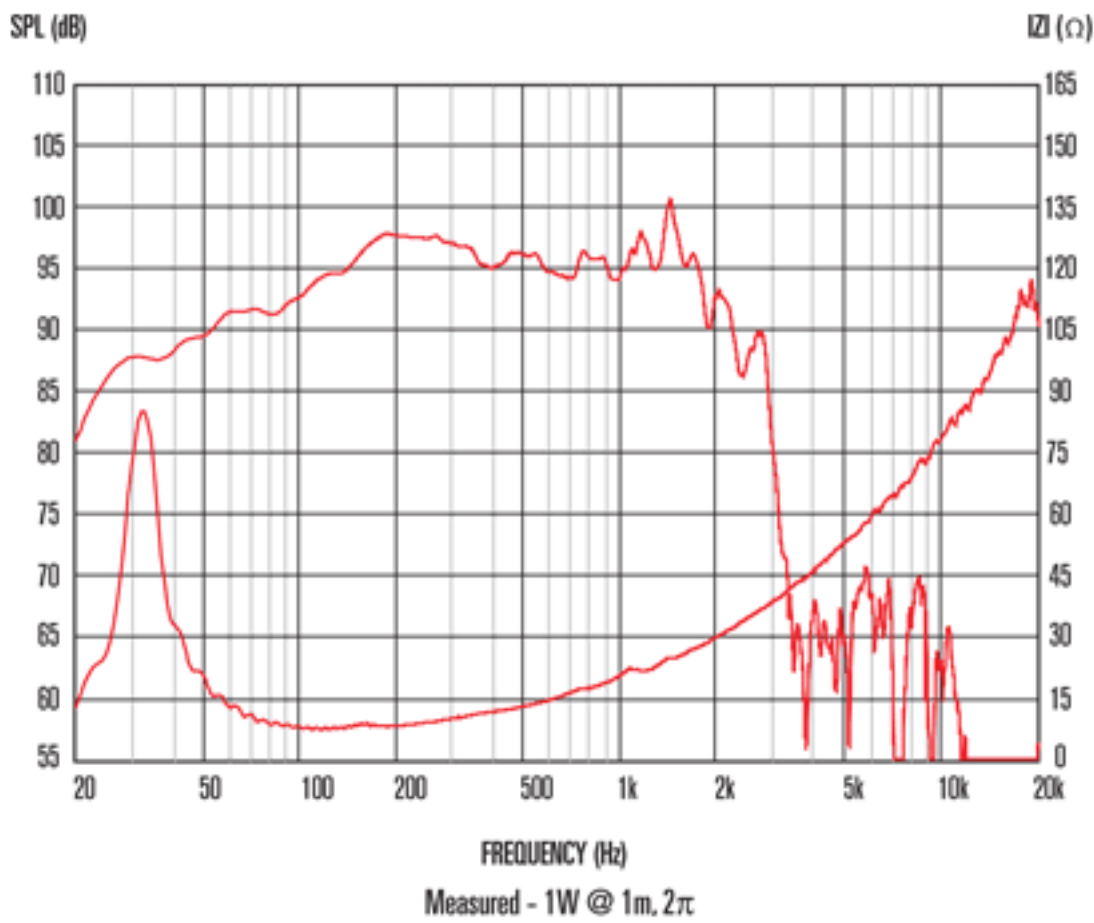
NTR21-5010JD



Features

- Rigid, lightweight carbon fibre loaded cone
- Vented magnet assembly for more efficient cooling
- Compact, high flux, Dual Magnet Motor design
- Optimised double suspension

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. Continuous Power Rating is defined as 3dB greater than the AES rating
3. Measured on axis at 1W, 1m in 2¹ anechoic environment.
4. X_{max} derived from: (voice coil winding width-gap depth)/2.
5. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	530mm/21in
Power rating ¹	1600Wrms
Continuous power rating ²	3200W
Nominal impedance	8
Sensitivity ³	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
X _{max} ⁴	9mm/0.35in
Gap depth	12mm/0.47in
Voice coil winding width	30mm/1.18in

Small Signal Parameters ⁴

D	0.46m/18.11in
F _s	32.2Hz
M _{ms}	344.1g/12.14oz
Q _{ms}	5.819
Q _{es}	0.339
M _{md}	280.52g/9.9oz
Q _{ts}	0.32
R _e	5.57
V _{as}	276.7lt/9.97ft ³
Bl	33.85Tm
C _{ms}	0.07mm/N
R _{ms}	11.98Kg/s
L _e (at 1kHz)	2.25mH

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