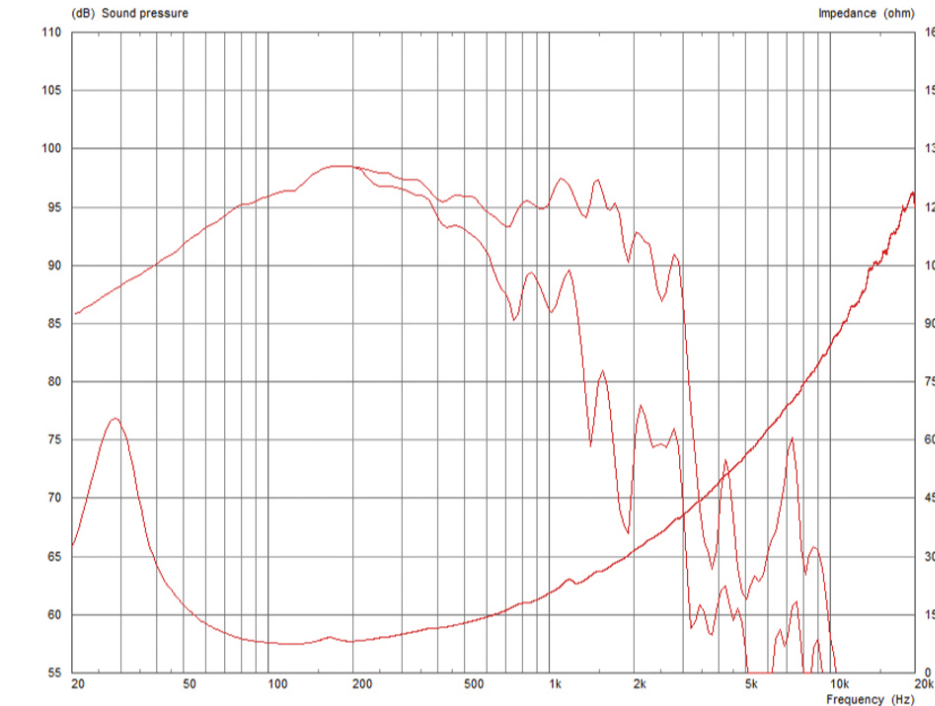


NTR21-5010JD - Legacy



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

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

Power rating: 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.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m in 2 anechoic environment.

Parameters: Measured after unit subjected to pre-conditioning signal.

Xmax: Hvc-Hg/2

General Specifications

Nominal Diameter	530mm / 21in
Power Rating	1600W
Continuous power rating	3200W
Rated impedance	8 $\Omega$
Sensitivity	98dB
Frequency range	30-3000Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	125mm / 5in
Voice coil material	Round copper
Former material	Glass fibre
Cone material	Carbon fibre loaded paper
Surround material	Cloth-sealed
Suspension	Double
Xmax	9mm / 0.35in
Gap height (Hg)	12mm / 0.47in
VC winding height (Hvc)	30mm / 1.18in

Mounting Information

Overall diameter	550mm / 21.65in
Overall depth	254mm / 10in
Cut-out diameter	492mm / 19.37in
Mounting hole dimensions	12.5x8.5mm / 0.49x0.33in
Number of mounting holes	8
Mounting hole PCD	520-528mm / 20.5-20.8in
Unit weight	12.8kg / 28.2lb

Parameters

Sd	1661.90cm <sup>2</sup> / 257.59in <sup>2</sup>
Fs	32.20Hz
Mms	344.10g / 12.14oz
Qms	5.819
Qes	0.339
Qts	0.320
Re	557 $\Omega$
Vas	276.70l / 9.77ft <sup>3</sup>
Bi	33.85Tm
Cms	0.07mm/N
Rms	11.98kg/s
Le (at 1kHz)	2.25mH
Xmax	9mm / 0.35in

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