

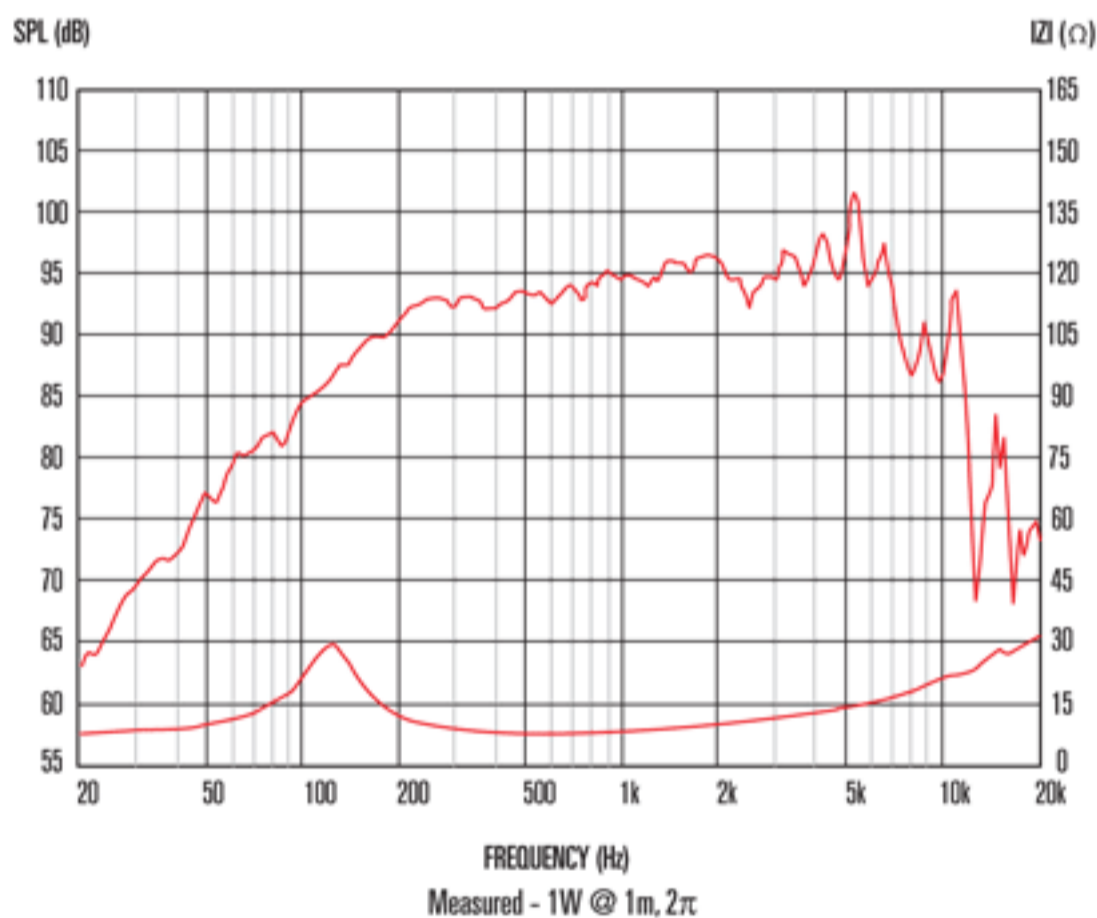
### NTR06-1705B



#### Features

- 6.5" neodymium magnet mid-range driver providing 150Wrms (AES standard) power handling and 95dB sensitivity
- 1.75" high temperature copper clad aluminium voice coil
- Suitable for line array applications, utilising a space efficient chassis profile
- FEA optimised flux distribution in the magnet assembly provides low harmonic distortion
- "M-Roll" surround provides progressive excursion control, generating a smooth frequency response
- Intelligent heat management in both chassis and magnet assembly design offers reduced thermal 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 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

Chassis type	Cast aluminium
Coil material	Copper clad aluminium
Cone material	Kevlar loaded paper
Former material	Polyimide
Frequency range	150-7000Hz
Gap depth	6mm/0.24in
Magnet type	Neodymium
Nominal diameter	165mm/6.5in
Nominal impedance	8
Power rating <sup>1</sup>	150Wrms
Sensitivity <sup>2</sup>	95dB
Surround material	Cloth-sealed
Suspension	Single
Voice coil diameter	45mm/1.75in
Voice coil winding width	11mm/0.43in
Xmax <sup>3</sup>	2.5mm/0.098in

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

D	0.13m/5.12in
Fs	109.6Hz
Mms	12.934g/0.457oz
Mmd	12.069g/0.422oz
Qms	2.632
Qes	0.527
Qts	0.439
Re	5.95
Vas	4.06lt/0.14ft <sup>3</sup>
Bl	10.03Tm
Cms	0.163mm/N
Rms	3.385kg/s
Le (at 1kHz)	0.24mH

#### Mounting Information

Cut-out diameter	150mm/5.9in
Diameter	Max 189mm /7.44in - Min 162mm/6.38in
Mounting PCD range	173.5mm/6.83in
Mounting slot dimensions	6.5mm x 5.5mm/0.26in x 0.22in
Number of mounting slots	4
Overall depth	71mm/2.79in
Unit weight	0.85kg/1.87lb

#### Packed Dimensions & Weight

Multipack (140) size W x D x H	1070mmx850mmx860mm /42.1in x 33.5in x 33.9in
Multipack (140) weight	160kg/352lb
Single pack size W x D x H	190mm x 190mm x 110mm /7.5in x 7.5in x 4.3in
Single pack weight	1.0kg/2.2lb