

NTR06-17X

6.5-inch cast aluminium chassis, neodymium magnet  
mid/ bass driver



- **Copper sleeved pole to reduce distortion**
- **Vented magnet assembly for more efficient cooling**
- **Sculpted elastomer surround for improved modal distribution**

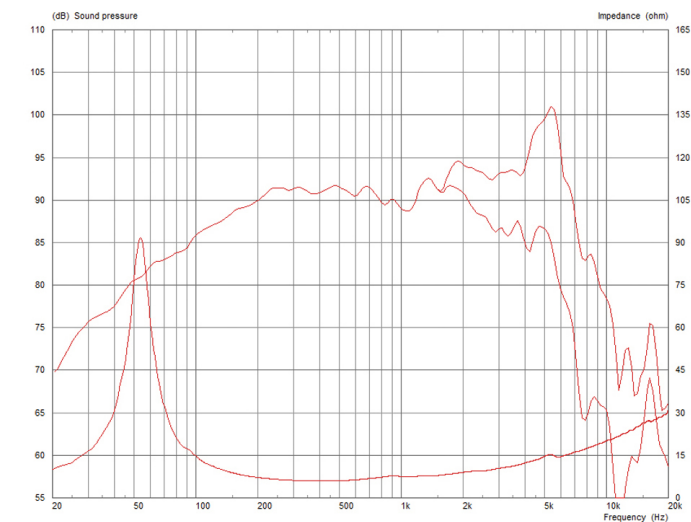
General Specifications

Nominal Diameter	165mm / 6.5in
Power Rating	150W
Continuous power rating	300W
Rated impedance	8 $\Omega$
Sensitivity	93.5dB
Frequency range	70-5000Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	44mm / 1.75in
Voice coil material	Copper clad aluminium
Former material	Polyimide
Cone material	Kevlar loaded paper (weather-resistant)
Surround material	Elastomer
Suspension	Single
Gap height (Hg)	6mm / 0.24in
VC winding height (Hvc)	12mm / 0.47in

Mounting Information

Overall diameter	189mm / 7.44in (max)
Overall depth	73mm / 2.9in
Cut-out diameter	145mm / 5.7in
Mounting hole dimensions	10mm / 0.39in
Number of mounting holes	4
Mounting hole PCD	170mm / 6.7in
Unit weight	1.2kg / 2.6lb

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.

$$X_{max} = 0.5 \cdot (H_{vc} - H_g) + 0.25 \cdot H_g$$

Parameters

Sd	153.94cm2 / 23.86in²
Fs	60.40Hz
Mms	17.68g / 0.62oz
Qms	7.247
Qes	0.335
Qts	0.321
Re	536 Ω
Vas	13.19l / 0.47ft <sup>3</sup>
Bi	10.36Tm
Cms	0.39mm/N
Rms	0.93kg/s
Le (at 1kHz)	0.28mH
Xmax	4.5mm / 0.17in

Packed Dimensions & Weight

Multi pack qty	8
Multi pack size W x D x H	350mm x 350mm x 190mm / 13.7in x 13.7in x 7.4in
Multi pack weight	11kg / 25lb

