LF Cast Chassis / Neo

NTR06-17X







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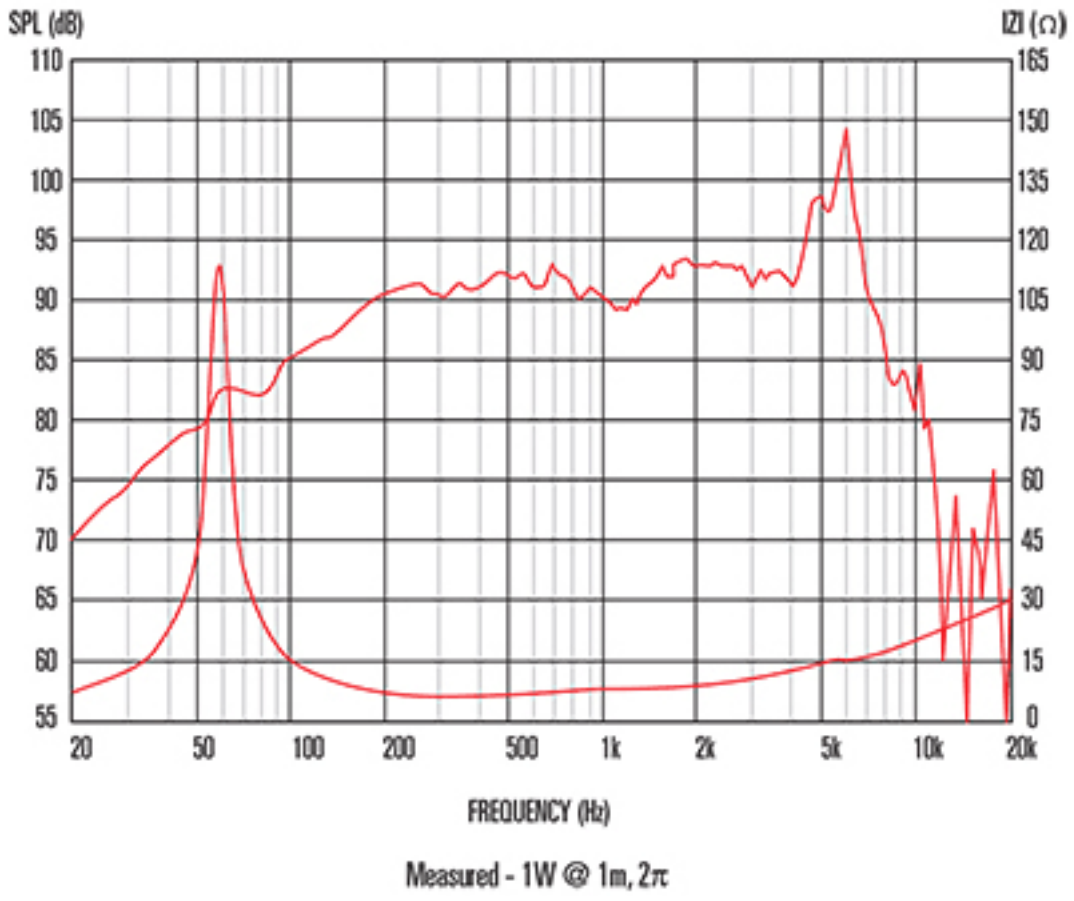
- Copper sleeved pole to reduce distortion
- Vented magnet assembly for more efficient cooling
- Sculpted elastomer surround for improved modal distribution

8 Ω Frequency Response



1.
2. 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.
3. Continuous Power Rating is defined as 3dB greater than the AES rating
4. Measured on axis at 1W, 1m in 2Î anechoic environment.
5. Xmax derived from: (voice coil winding width-gap depth)/2.
6. Small signal parameters measured after unit subjected to pre-conditioning signal.
7.

General Specifications

Nominal diameter	165mm/6.5in
Power rating [1]	150Wrms
Continuous power rating [2]	300W
Nominal impedance	8 Ω
Sensitivity [3]	93.5dB
Frequency range	70-5000Hz
Voice coil diameter	45mm/1.75in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Copper clad aluminium
Former material	Polyimide
Cone material	Kevlar loaded paper with weather resistant coating
Surround material	Elastomer
Suspension	Single
Xmax [4]	3mm/0.12in
Gap depth	6mm/0.24in
Voice coil winding width	12mm/0.47in

Small Signal Parameters [5]

D	0.14m/5.51in
Fs	60.4Hz
Mms	17.68g/0.62oz
Qms	7.247
Qes	0.335
Qts	0.321
Re	5.36Ω
Vas	13.19lt/0.47ft3
BI	10.36Tm
Cms	0.39mm/N
Rms	0.93kg/s
Le (at 1kHz)	0.28mH

Mounting Information

Overall diameter	189mm/7.44in (max)
Overall depth	73mm/2.87in
Cut-out diameter	145mm/5.7in
Mounting slot dimensions	Ø10mm/0.39in
Number of mounting slots	4
Mounting slot PCD range	170mm/6.7in
Unit weight	1.2kg/2.64lb

Packed Dimensions & Weight

Single pack size W x D x H	
Single pack weight	
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

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