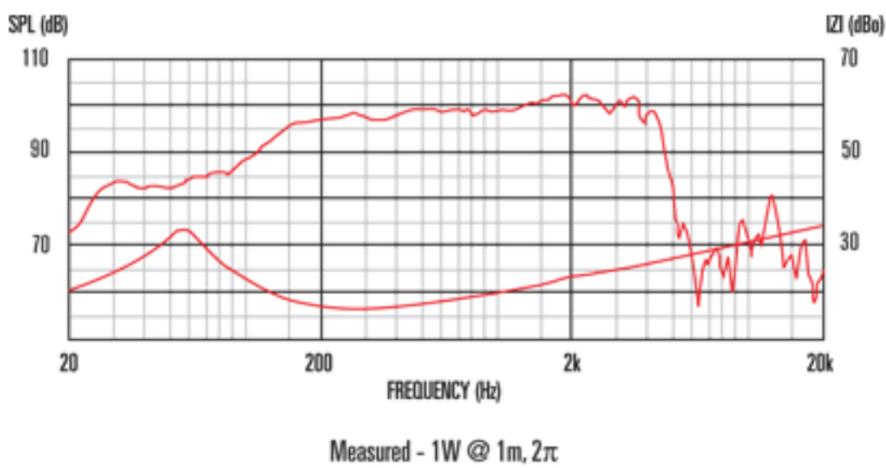


### TN1225



- Compact, high flux, Dual Magnet Motor design
- Vented cast aluminium heatsink

#### 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 2<sup>l</sup> anechoic environment.
4. Xmax 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	305mm/12in
Power rating <sup>1</sup>	250Wrms
Continuous power rating <sup>2</sup>	500W
Sensitivity <sup>2</sup>	99dB
EIA power rating <sup>3</sup>	400W
Nominal impedance	8
Frequency range	50-4,000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Neodymium
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax <sup>3</sup>	2.5mm/0.099in
Gap depth	8mm/0.32in
Voice coil winding width	13mm/0.51in

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

D	0.26m/10.24in
Fs	61.4Hz
Mms	42.12g/1.49oz
Qms	3.118
Qes	0.339
Mmd	44.23g/1.74oz
Qts	0.306
Re	5.2
Vas	63.69lt/2.25ft <sup>3</sup>
Bl	15.79Tm
Cms	0.16mm/N
Rms	5.21kg/s
Le (at 1kHz)	0.65mH

#### Mounting Information

Overall diameter	309mm/12.17in
Overall depth	132mm/5.20in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	&#216;7.9mm/0.31in
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	2.0kg/4.4lb

#### Packed Dimensions & Weight

Single pack size W x D x H	330mm x 330mm x 150mm /13.0in x 13.0in x 5.9in
Single pack weight	2.4kg/5.3lb
Multi pack size W x D x H	1008mmx980mmx860mm /39.7in x 38.6in x 33.9in
Multi pack weight	150kg/330lb