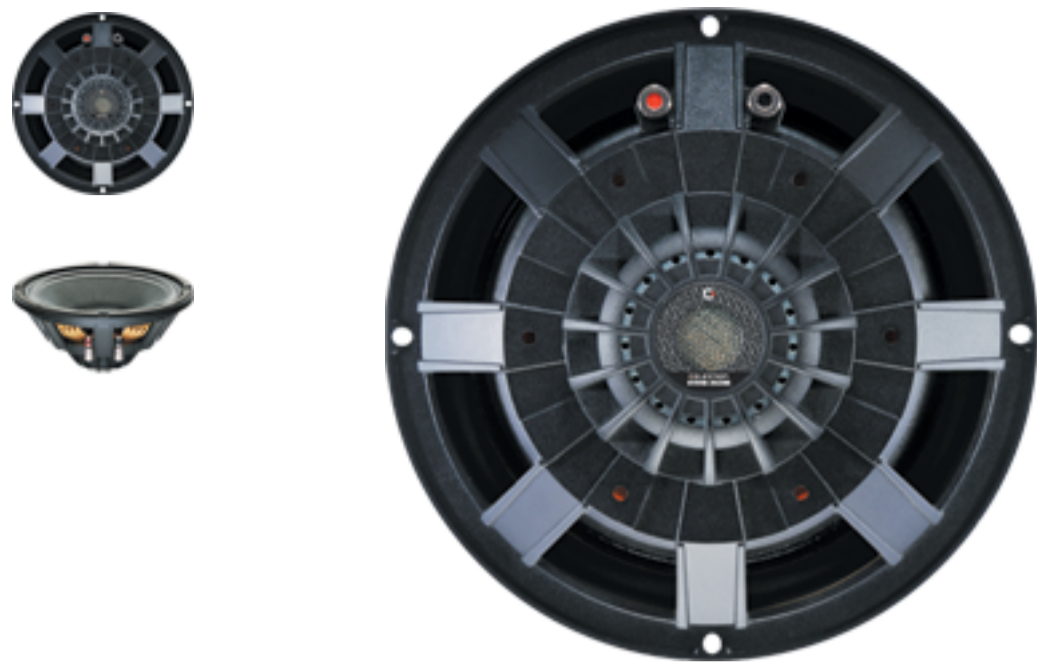
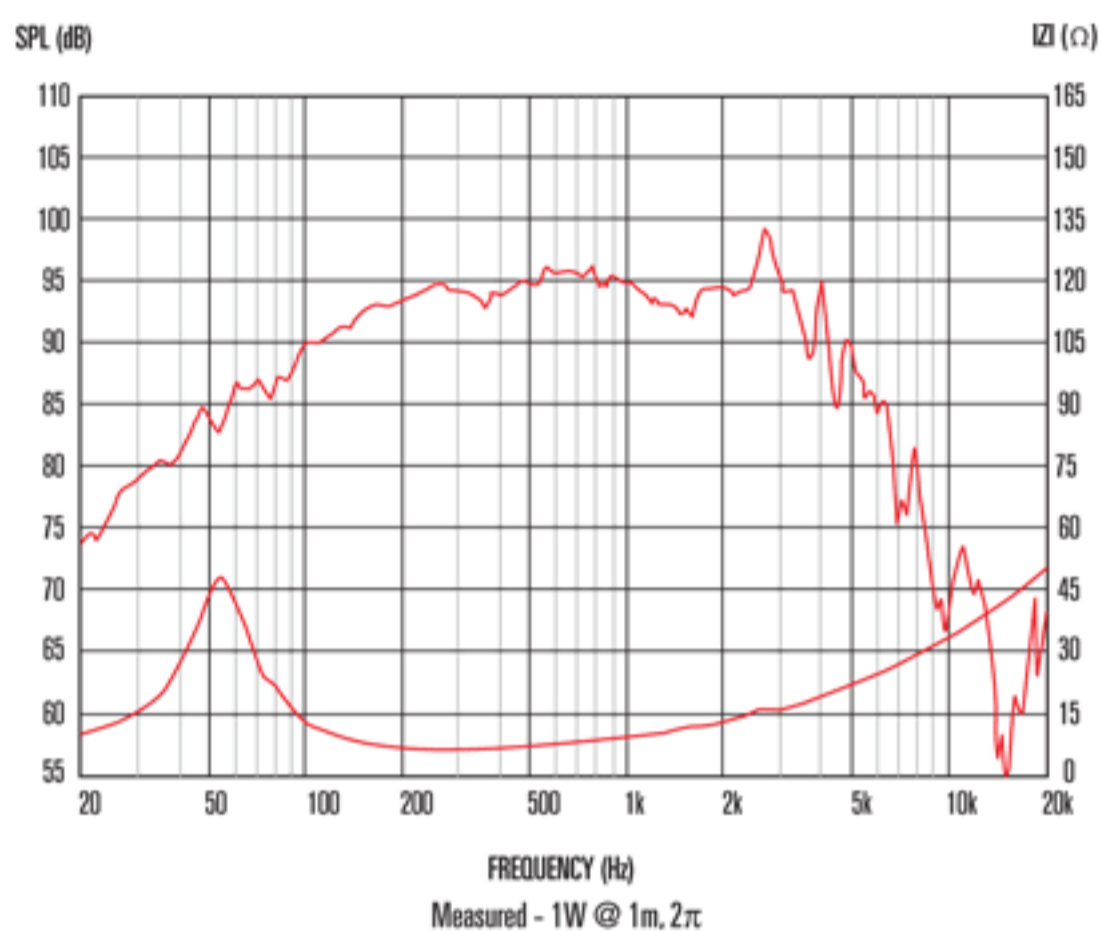


NTR10-2520E



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

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^l 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	254mm/10in
Power rating ¹	250Wrms
Continuous power rating ²	500W
Nominal impedance	8
Sensitivity ³	96dB
Frequency range	50-3,000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Round copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁴	4.75mm/0.19in
Gap depth	8mm/0.32in
Voice coil winding width	17.5mm/0.69in

Small Signal Parameters ⁵

D	0.21m/5.33in
Fs	55.8Hz
Mms	46g/1.62oz
Qms	3.244
Qes	0.345
Mmd	42.79g/1.51oz
Qts	0.312
Re	5.44
Vas	30.07lt/1.06ft ³
Bl	15.93Tm
Cms	0.18mm/N
Rms	4.97kg/s
Le (at 1kHz)	0.68mH

Mounting Information

Overall diameter	260mm/10.24in
Overall depth	113mm/4.45in
Cut-out diameter	232mm/9.13in
Mounting slot dimensions	7.5mm x 6.5mm/0.3in x 0.26in
Number of mounting slots	4
Mounting slot PCD range	244-247mm/9.6-9.7in
Unit weight	2.2kg/4.89lb

Packed Dimensions & Weight

Single pack size W x D x H	305mm x 305mm x 150mm /12.0in x 12.0in x 5.9in
Single pack weight	2.5kg/5.5lb
Multi pack size W x D x H	1080mm x 880mm x 840mm /42.5in x 34.6in x 33.1in
Multi pack weight	235kg/518lb