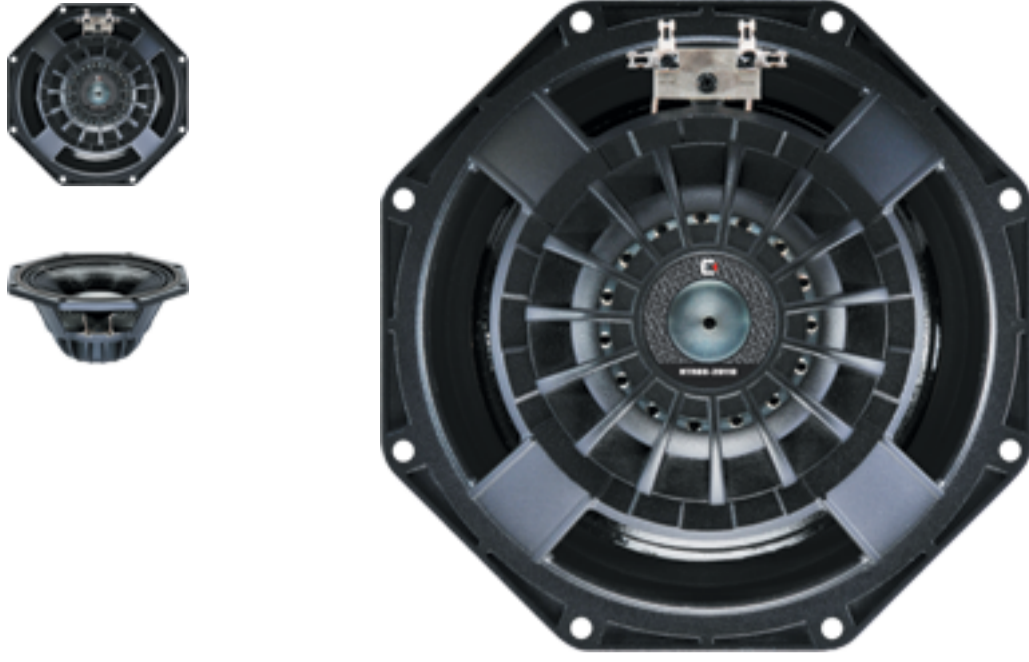
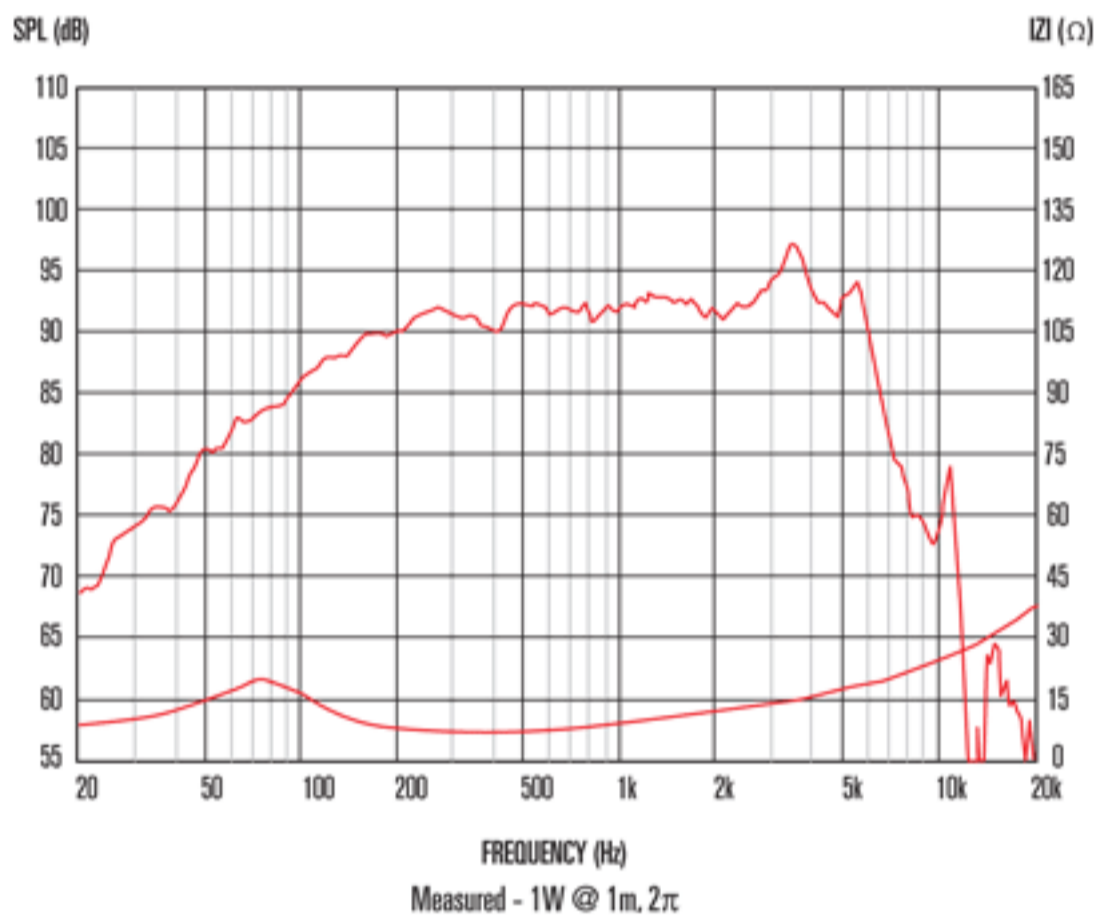


NTR08-2011D



- Coated Kevlar-loaded cone for enhanced weather resistance
- Vented cast aluminium heatsink
- Full gap flux saturation for increased BL and reduced 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. 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. X_{max} 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	203mm/8in
Power rating ¹	200Wrms
Continuous power rating ²	400W
Nominal impedance	8
Sensitivity ³	92dB
Frequency range	70-6,000Hz
Voice coil diameter	50mm/2in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper with weather-resistant coating
Surround material	Cloth-sealed
Suspension	Single
X _{max} ⁴	4mm/0.16in
Gap depth	8mm/0.32in
Voice coil winding width	16mm/0.63in

Small Signal Parameters ⁵

D	0.17m/6.69in
F _s	84.8Hz
M _{ms}	24.91g/23.99oz
Q _{ms}	2.34
Q _{es}	0.535
M _{md}	23.39g/0.826oz
Q _{ts}	0.436
Re	5.79
V _{as}	10.31lt/0.37ft ³
BL	11.98Tm
C _{ms}	0.14mm/N
R _{ms}	5.66kg/s
Le (at 1kHz)	0.59mH

Mounting Information

Overall diameter	225mm/8.8in
Overall depth	100mm/4.16in
Cut-out diameter	187mm/7.4in
Mounting slot dimensions	8#2166.5mm/0.26in
Number of mounting slots	8
Mounting slot PCD range	210mm/8.3in
Unit weight	1.52kg/3.44lb

Packed Dimensions & Weight

Single pack size W x D x H	235mm x 235mm x 140mm /9.2in x 9.2in x 5.5in
Single pack weight	1.75kg/3.85lb
Multi pack size W x D x H	450mm x 380mm x 260mm /17.7in x 15.0in x 10.2in
Multi pack weight	16kg/35.2lb