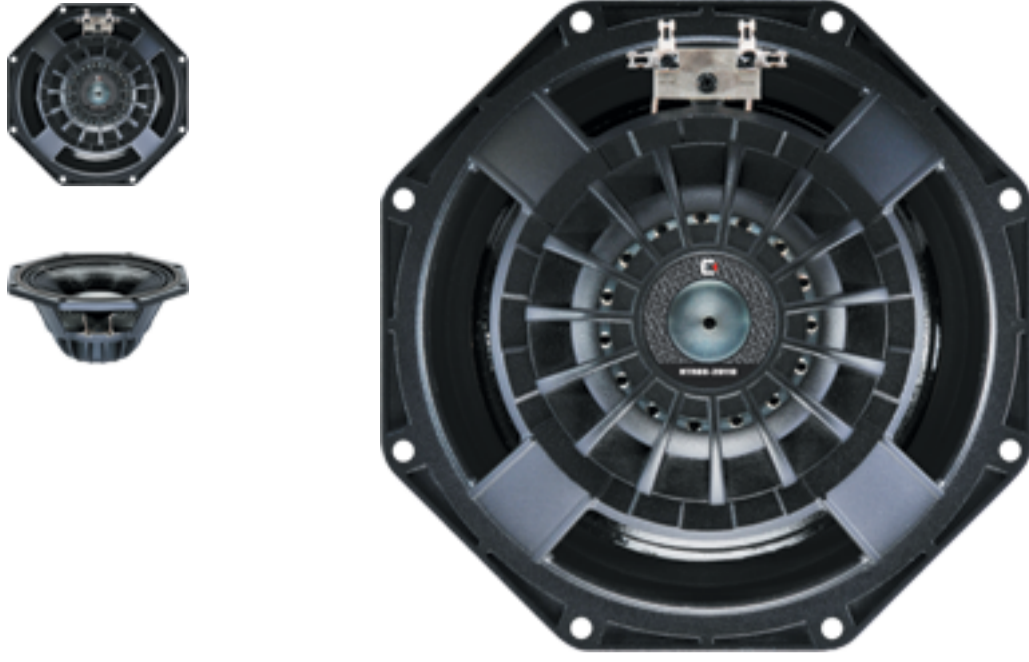


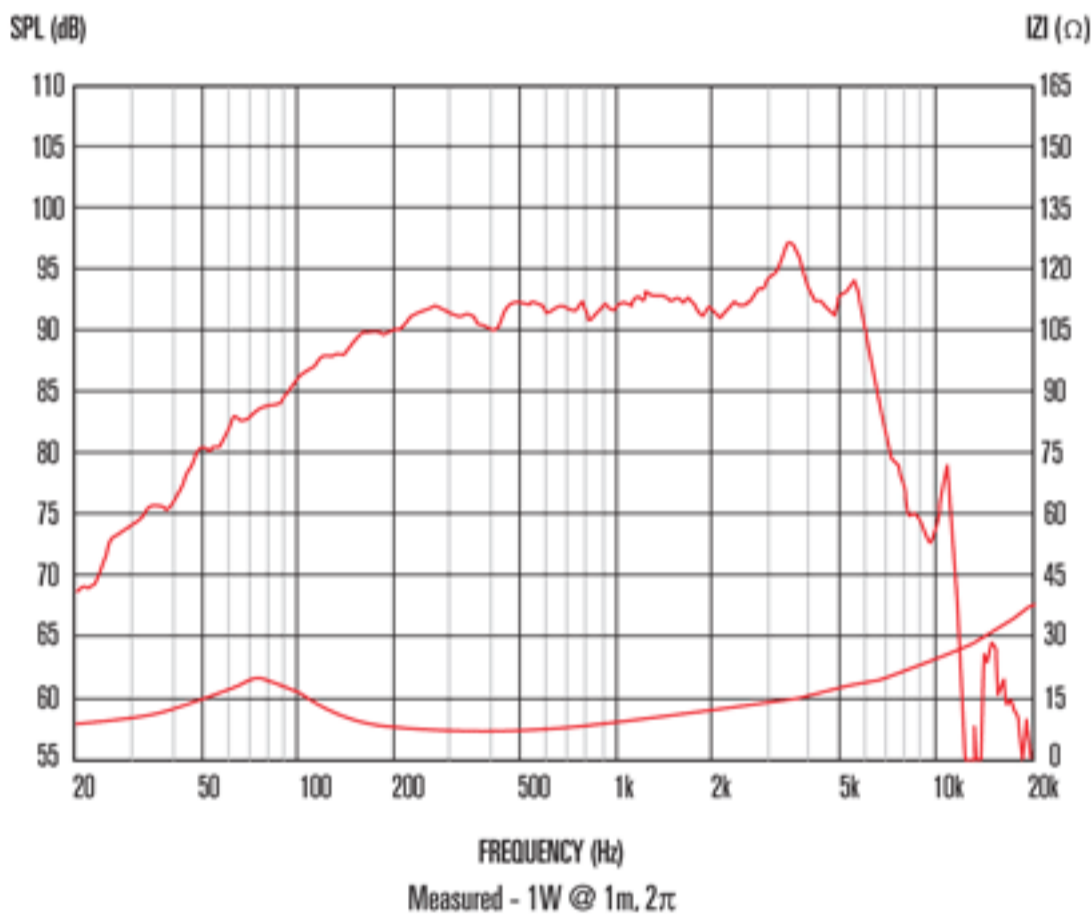
### NTR08-2011D



#### Features

- 8" neodymium magnet driver providing 200Wrms (AES standard) power handling and 92dB sensitivity
- 2" high temperature copper voice coil
- Suitable for line array applications, utilizing a space-efficient octagonal chassis profile
- Optimized flux distribution in magnet assembly provides low harmonic distortion
- "M-Roll" surround provides progressive excursion control, generating a smooth frequency response
- Intelligent heat management in both chassis and magnet assembly design offers reduced thermal compression

#### 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. Measured on axis at 1W, 1m in 2<sup>1</sup> anechoic environment.
3. X<sub>max</sub> derived from: (voice coil winding width-gap depth)/2.
4. Small signal parameters measured after unit subjected to pre-conditioning signal.

#### General Specifications

Nominal diameter	203mm/8in
Power rating <sup>1</sup>	200Wrms
Nominal impedance	8
Sensitivity <sup>2</sup>	92dB
Frequency range	70-6000Hz
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 <sub>max</sub> <sup>3</sup>	4mm/0.16in
Gap depth	8mm/0.32in
Voice coil winding width	16mm/0.63in

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

D	0.17m/6.69in
F <sub>s</sub>	80.3Hz
M <sub>ms</sub>	25.33g/0.89oz
Q <sub>ms</sub>	1.33
Q <sub>es</sub>	0.59
M <sub>md</sub>	23.39g/0.826oz
Q <sub>ts</sub>	0.41
Re	5.85Ω
V <sub>as</sub>	11.3lt/0.399ft <sup>3</sup>
Bl	11.22Tm
C <sub>ms</sub>	0.16mm/N
R <sub>ms</sub>	9.6kg/s
Le (at 1kHz)	0.59mH

#### Mounting Information

Overall diameter	225mm/8.8in
Overall depth	100mm/4.16in
Cut-out diameter	100mm/4.16in
Mounting slot dimensions	8#2166.5mm/0.26in
Number of mounting slots	8
Mounting slot PCD range	210/8.3
Unit weight	1.52kg/3.34lb

#### 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	450mmx380mmx260mm /17.7in x 15.0in x 10.2in
Multi pack weight	16kg/35.2lb