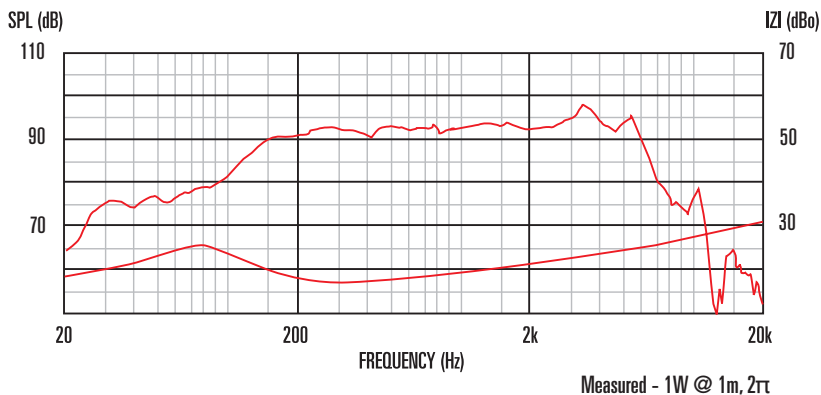


NTR08-2011D



- **8" neodymium magnet driver with 2" voice coil, providing 200Wrms (AES) continuous power handling**
- **Suitable for line array applications, utilizing a space-efficient octagonal chassis profile**
- **Optimized flux distribution in the 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**

Frequency Response and Impedance Curves



General Specifications

Nominal diameter (mm/in)	203/8
Power Rating (AES, W rms)	200
Nominal impedance (Ω)	8
Voice coil diameter (mm/in)	50.8/2.0
Magnet type	Neodymium
Chassis type	Cast aluminium
Sensitivity (dB)	92
Frequency range (Hz)	70-6000
Coil material	Round copper
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax (mm/in)	4.0/0.16
Gap depth (mm/in)	8.0/0.32
Voice coil winding width (mm/in)	15.0/0.63

Small Signal Parameters

D (m/in)	0.17/6.69
Fs (Hz)	80.3
Mmd (g/oz)	23.39/0.826
Mair (g/oz)	1.94/0.068
Qms	1.33
Qes	0.59
Qts	0.41
Re (Ω)	5.85
Vas (lt/ft ³)	11.3/0.399
Bl (Tm)	11.22
Cms (mm/N)	0.16
Rms (kg/s)	9.6
Le (mH)	0.59

Mounting Information

Overall diameter (mm/in)	225/8.8
Overall depth (mm/in)	100/4.16
Cut-out diameter (mm/in)	187/7.4
Mounting slot dimensions (mm/in)	6.5/0.26
Number of mounting slots	8
Mounting slot PCD/ width across flats	210/8.3
Unit weight (kg/lb)	1.52/3.34

Packed Dimensions & Weight

Multipack (120) size W x D x H (mm/in)	1500x1000x980
	/59.1x39.4x38.7
Multipack (120) weight (kg/lb)	210/462

Unit conditioned prior to measurement.

CELESTION

Professional Loudspeakers

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