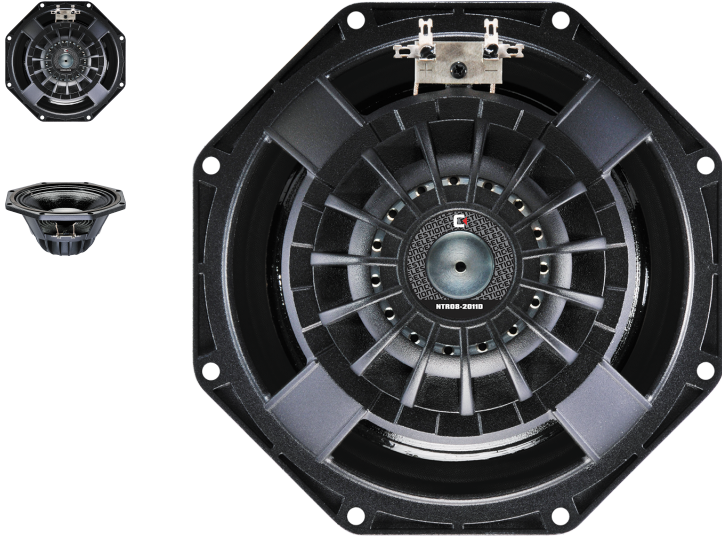


NTR08-2011D

8-inch cast aluminium chassis, neodymium magnet mid/bass driver



- Coated Kevlar-loaded cone for enhanced weather resistance
- Vented cast aluminium heatsink
- Full gap flux saturation for increased BI and reduced distortion

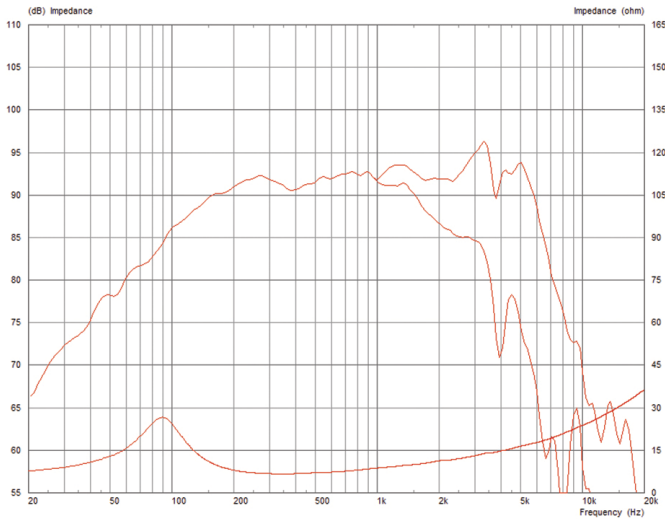
General Specifications

Nominal Diameter	203mm / 8in
Power Rating	200W
Continuous power rating	400W
Rated impedance	8 Ω
Sensitivity	92dB
Frequency range	70-6000Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	50mm / 2in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper (weather-resistant)
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	16mm / 0.63in
Additional impedances	16

Mounting Information

Overall diameter	225mm / 8.8in (octagonal profile)
Overall depth	100mm / 4.2in
Cut-out diameter	100mm / 4.16in
Mounting hole dimensions	6.5mm / 0.26in
Number of mounting holes	8
Mounting hole PCD	210mm / 8.3in
Unit weight	1.5kg / 3.3lb

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

Power rating: 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.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m in 2 anechoic environment.

Parameters: Measured after unit subjected to pre-conditioning signal.

$X_{max} = 0.5 \cdot (H_{vc} - H_g) + 0.25 \cdot H_g$

Parameters

Sd	226.98cm ² / 35.18in ²
Fs	84.80Hz
Mms	24.91g / 0.88oz
Qms	2.34
Qes	0.535
Qts	0.436
Re	579Ω
Vas	10.31l / 0.37ft ³
Bi	11.98Tm
Cms	0.14mm/N
Rms	5.66kg/s
Le (at 1kHz)	0.59mH
Xmax	6mm / 0.24in

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 qty	8
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

CELESTION