

Legacy Loudspeakers

NTR10-2520D (Legacy)

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



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

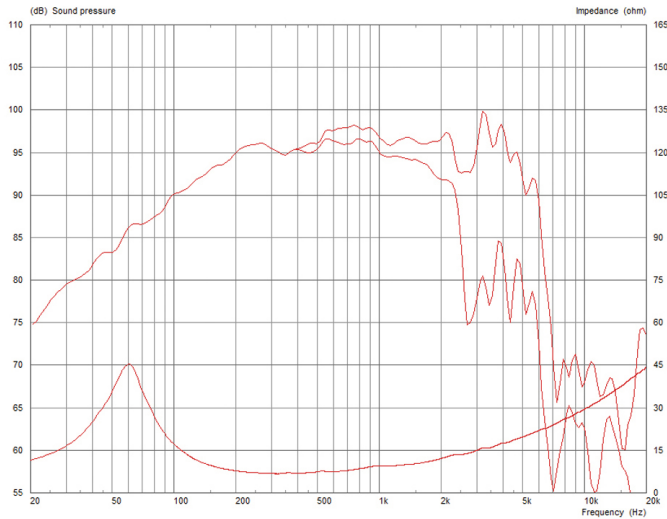
General Specifications

Nominal Diameter	254mm / 10in
Power Rating	250W
Continuous power rating	500W
Rated impedance	8 Ω
Sensitivity	96dB
Frequency range	55-3500Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	64mm / 2.5in
Voice coil material	Copper clad aluminium
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.32in
VC winding height (Hvc)	16mm / 0.63in

Mounting Information

Overall diameter	260mm / 10.24in
Overall depth	113mm / 4.45in
Cut-out diameter	235mm / 9.25in
Mounting hole dimensions	7.5x6.5mm / 0.3x0.26in
Number of mounting holes	4
Mounting hole PCD	244-247mm / 9.6-9.7in
Unit weight	2.2kg / 4.9lb

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.

Xmax: Hvc-Hg/2

Parameters

Sd	346.36cm ² / 53.69in ²
Fs	57.20Hz
Mms	37.93g / 1.34oz
Qms	2.824
Qes	0.322
Qts	0.289
Re	592 Ω
Vas	34.69l / 1.23ft ³
Bi	15.83Tm
Cms	0.20mm/N
Rms	4.82kg/s
Le (at 1kHz)	0.49mH
Xmax	4mm / 0.16in

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 qty	96
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

CELESTION