

NTR06-1705B

6.5-inch cast aluminium chassis, neodymium magnet midrange driver



- Copper sleeved pole to reduce distortion
- Vented magnet assembly for more efficient cooling

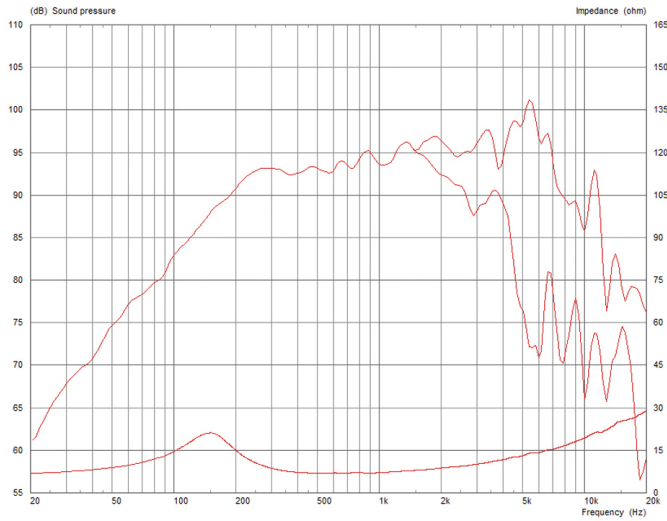
General Specifications

Nominal Diameter	165mm / 6.5in
Power Rating	150W
Continuous power rating	300W
Rated impedance	8 Ω
Sensitivity	95dB
Frequency range	150-7000Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	44mm / 1.75in
Voice coil material	Copper clad aluminium
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	6mm / 0.24in
VC winding height (Hvc)	11mm / 0.43in

Mounting Information

Overall diameter	189mm / 7.44in (max)
Overall depth	71mm / 2.8in
Cut-out diameter	150mm / 5.9in
Mounting hole dimensions	6.5x5.5mm / 0.26x0.22in
Number of mounting holes	4
Mounting hole PCD	173.5mm / 6.83in
Unit weight	0.85kg / 1.9lb

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.

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

Parameters

Sd	153.94cm ² / 23.86in ²
Fs	132.90Hz
Mms	13.26g / 0.47oz
Qms	1.912
Qes	0.576
Qts	0.442
Re	5.94 Ω
Vas	3.63l / 0.13ft ³
Bi	10.69Tm
Cms	0.11mm/N
Rms	5.79kg/s
Le (at 1kHz)	0.21mH
Xmax	4mm / 0.16in

Packed Dimensions & Weight

Single pack size W x D x H	190mm x 190mm x 110mm / 7.5in x 7.5in x 4.3in
Single pack weight	1.0kg / 2.2lb
Multi pack qty	140
Multi pack size W x D x H	800mm x 840mm x 740mm / 31.4in x 33.0in x 29.1in
Multi pack weight	17kg / 37.4lb

CELESTION