

CN0515M

5-inch cast aluminium chassis, neodymium magnet midrange driver



- Inverted dustcap for close positioning of phase plug
- Compact, high flux, Dual Magnet Motor design
- Chassis design allows for fixing or rear cover

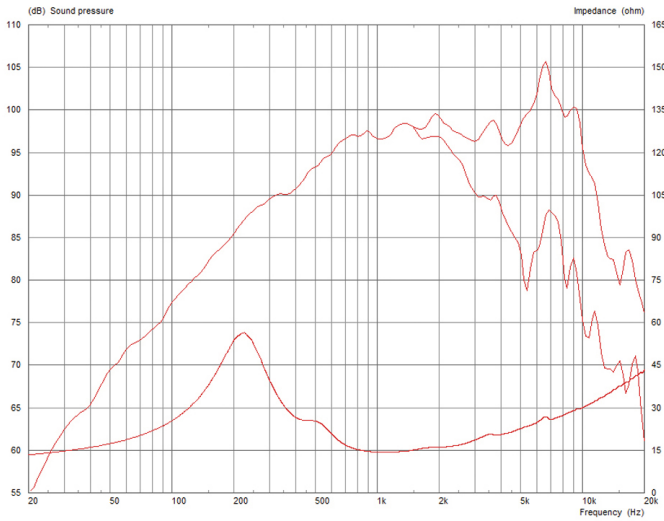
General Specifications

Nominal Diameter	125mm / 5in
Power Rating	100W
Continuous power rating	200W
Rated impedance	16 Ω
Sensitivity	98dB
Frequency range	200-8000Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	38mm / 1.5in
Voice coil material	Copper clad aluminium
Former material	Aluminium
Cone material	Cellulose
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	7mm / 0.28in
VC winding height (Hvc)	10mm / 0.39in

Mounting Information

Overall diameter	155mm / 6.1in
Overall depth	73mm / 4.6in
Cut-out diameter	116mm / 5.9in
Mounting hole dimensions	5.2mm / 0.2in
Number of mounting holes	4
Mounting hole PCD	142mm / 5.6in
Unit weight	1.12kg / 2.5lb

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

Parameters

Sd	78.54cm ² /12.17in ²
Fs	189.2Hz
Mms	9.11g / 0.32oz
Qms	1.534
Qes	0.337
Qts	0.276
Re	11.47 Ω
Vas	0.68 / 0.02ft ³
Bi	19.19Tm
Cms	0.08mm/N
Rms	7.06kg/s
Xmax	3.25mm / 0.13in

Packed Dimensions & Weight

Multi pack qty	12
Multi pack size W x D x H	420mm x 270mm x 190mm / 16.5in x 10.6in x 7.5in
Multi pack weight	14.5kg / 32lb

CELESTION