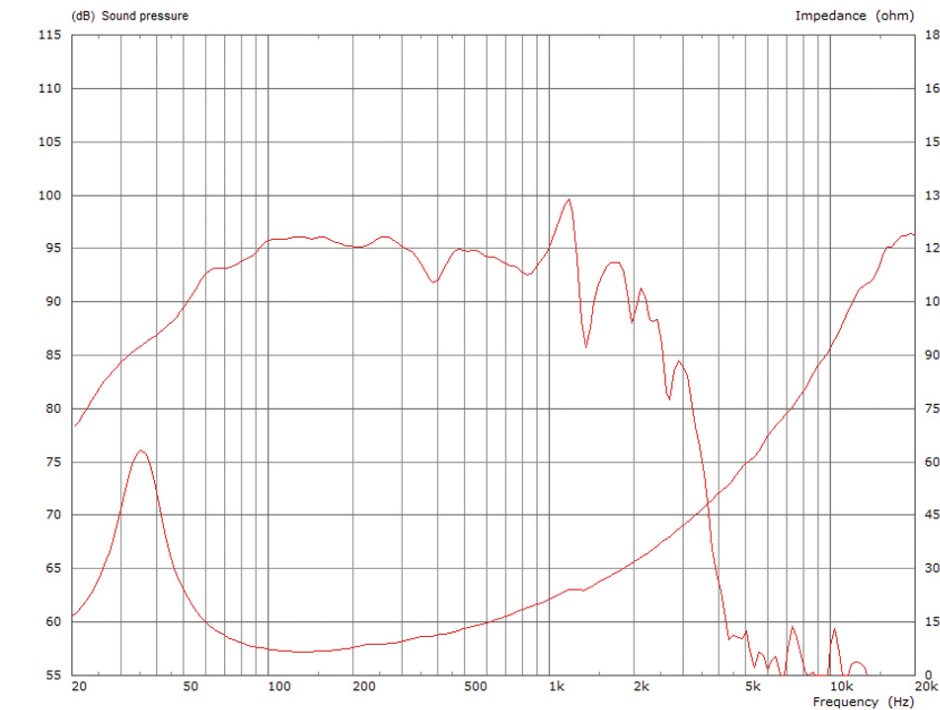


CN1845MD



- Long excursion: 13mm mathematical Xmax
- Laminated dual suspension
- Balanced Airflow Venting provides enhanced cooling

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

General Specifications

Nominal Diameter	457mm / 18in
Power Rating	1750W
Continuous power rating	3400W
Rated impedance	8Ω
Sensitivity	97dB
Frequency range	30-2500Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	115mm / 4.5in
Voice coil material	Copper clad aluminium
Former material	Glass fibre
Cone material	Glass loaded paper (weather-resistant)
Surround material	Cloth-sealed
Suspension	Dual-laminated
Xmax	13mm / 0.51in
Gap height (Hg)	12mm / 0.49in
VC winding height (Hvc)	38mm / 1.5in

Mounting Information

Overall diameter	460mm / 18.1in
Overall depth	235mm / 9.25in
Cut-out diameter	414mm / 16.3in
Mounting hole dimensions	12x7mm / 0.47x0.27in
Number of mounting holes	8
Mounting hole PCD	433-441mm / 17.04-17.36in
Unit weight	10.5kg / 23.2lb

Parameters

Sd	1134.12cm2 / 175.79in2
Fs	35.00Hz
Mms	230g / 8.13oz
Qms	3.75
Qes	0.307
Qts	0.284
Re	510Ω
Vas	163.30l / 5.63ft3
Bi	29.00Tm
Cms	0.09mm/N
Rms	13.49kg/s
Le (at 1kHz)	2.40mH
Xmax	13mm / 0.51in

Packed Dimensions & Weight

Single pack size W x D x H	500mm x 500mm x 300mm / 19.7in x 19.7in x 11.8in
Single pack weight	12kg / 26.4lb