

- 12in cast aluminium chassis mid/bass speaker provides 500W continuous power handling and 95dB sensitivity

500W

Continuous  
power rating

95dB

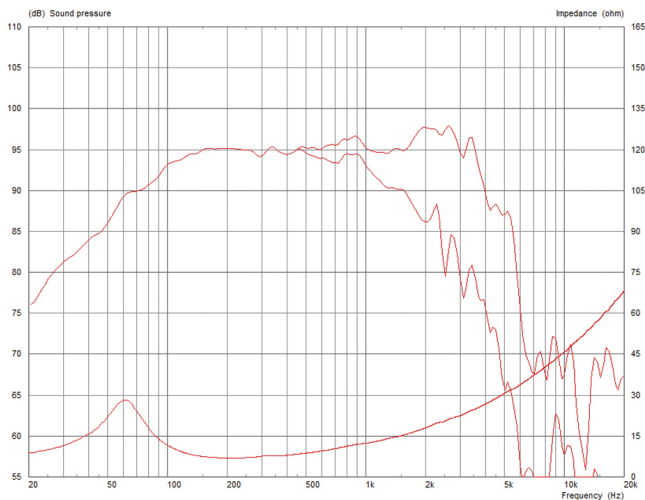
sensitivity

2.5in

Round copper  
voice coil



Frequency Response and Impedance Curves



**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 pi anechoic environment.

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

**Xmax:** Hvc-Hg/2

General Specifications

Nominal Diameter	305mm / 12in
Power Rating	250W
Continuous power rating	500W
EIA power rating	400W
Rated impedance	8 ohm
Sensitivity	95dB
Frequency range	55-4000Hz
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	1.5kg / 43oz
Voice coil diameter	64mm / 2.5in
Voice coil material	Round copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.33in
VC winding height (Hvc)	16.5mm / 0.65in

Mounting Information

Overall diameter	318mm / 12.5in
Overall depth	134mm / 5.3in
Cut-out diameter	286mm / 11.26in
Mounting hole dimensions	10x7mm / 0.39x0.27in
Number of mounting holes	8
Mounting hole PCD	298-304mm / 11.7-12.0in
Unit weight	4.5kg / 9.9lb

Parameters

Sd	530.98cm <sup>2</sup> / 82.30in <sup>2</sup>
Fs	60.30Hz
Mms	56.56g / 1.99oz
Qms	2.404
Qes	0.506
Qts	0.418
Re	5.63 ohm
Vas	49.14l / 1.74ft <sup>3</sup>
Bi	15.45Tm
Cms	0.12mm/N
Rms	8.91kg/s
Le (at 1kHz)	1.02mH
Xmax	4mm / 0.16in

Packed Dimensions & Weight

Multi pack qty	36
Multi pack size W x D x H	1210mm x 1050mm x 700mm / 47.6in x 41.3in x 27.6in
Multi pack weight	185kg / 410lb