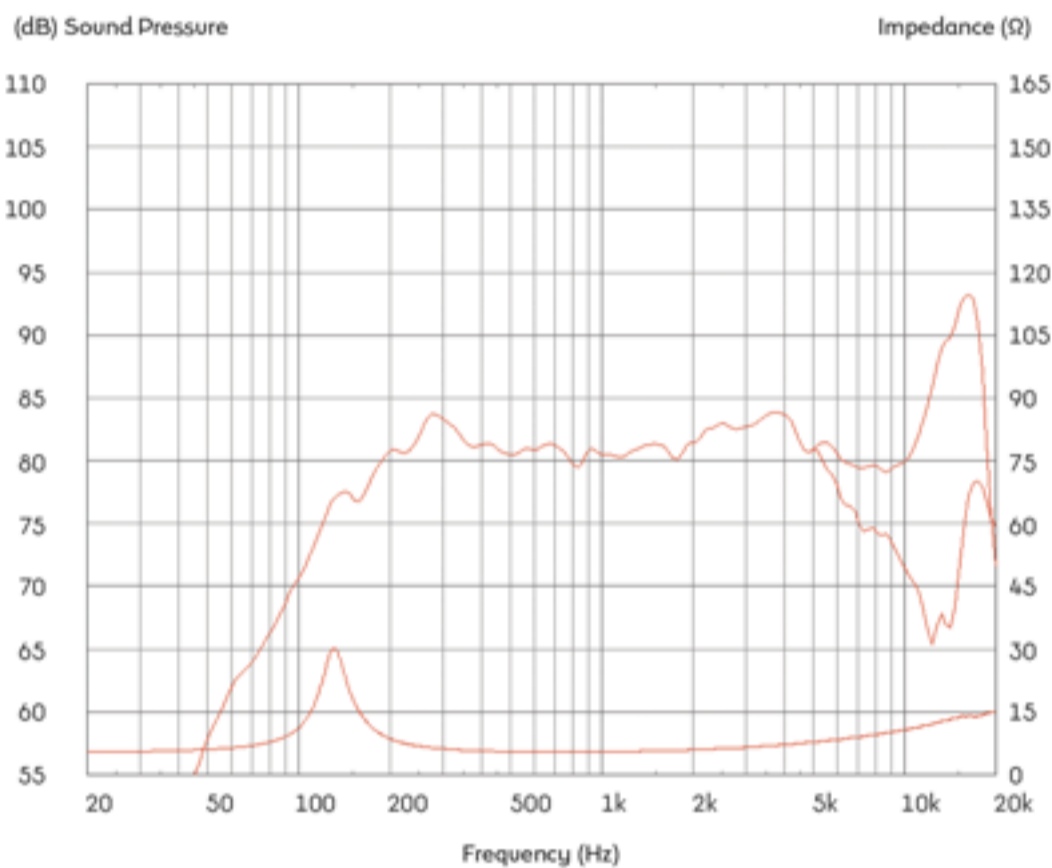


AN2075



- Square chassis profile for close coupling
- Integrated waveguide for greater HF dispersion
- Rigid aluminium cone
- Half roll elastomer surround
- Weatherproof

8 Frequency Response



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

1. 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.
2. Continuous Power Rating is defined as 3dB greater than the AES rating
3. Measured on axis at 1W, 1m in 2^l anechoic environment.
4. Xmax derived from: (voice coil winding width-gap depth)/2.
5. Small signal parameters measured after unit subjected to pre-conditioning signal

General Specifications

Nominal diameter	50mm/2in
Power rating ¹	20Wrms
Continuous power rating ²	40W
Nominal impedance	8
Sensitivity ³	82dB
Frequency range	160Hz-19kHz
Voice coil diameter	20mm/0.75in
Chassis type	Glass reinforced ABS
Magnet type	Neodymium
Voice coil material	Round Copper
Former material	Polyimide
Cone material	Aluminium
Surround material	Elastomer
Xmax ⁴	1.5mm/0.06in
Gap depth	3mm/0.12in
Voice coil winding width	6mm/0.24in

Small Signal Parameters

D	40mm/1.57in
Sd	12.56cm ² /1.95in ²
Fs	153.4Hz
Mms	1.49g/0.05oz
Qms	5.281
Qes	0.998
Qts	0.839
Re	0.84
Vas	1.51l/0.05ft ³
Bl	2.71Tm
Cms	0.72mm/N

Mounting Information

Overall depth	43.5mm/1.7in
Overall size	56.2 x 56.2mm/2.2in x 2.2in
Cut-out diameter	51.1mm/2.0in
Fitting	4 x M4 holes
Mounting PCD range	62mm/2.45in
Unit weight	97g/3.4oz

Packed Dimensions & Weight

Single pack size W x D x H	90mm x 90mm x 65mm /3.5in x 3.5in x 2.6in
Single pack weight	200g/0.4lb
Multi pack size W x D x H	450mm x 350mm x 380mm /17.6in x 13.8in x 15in