

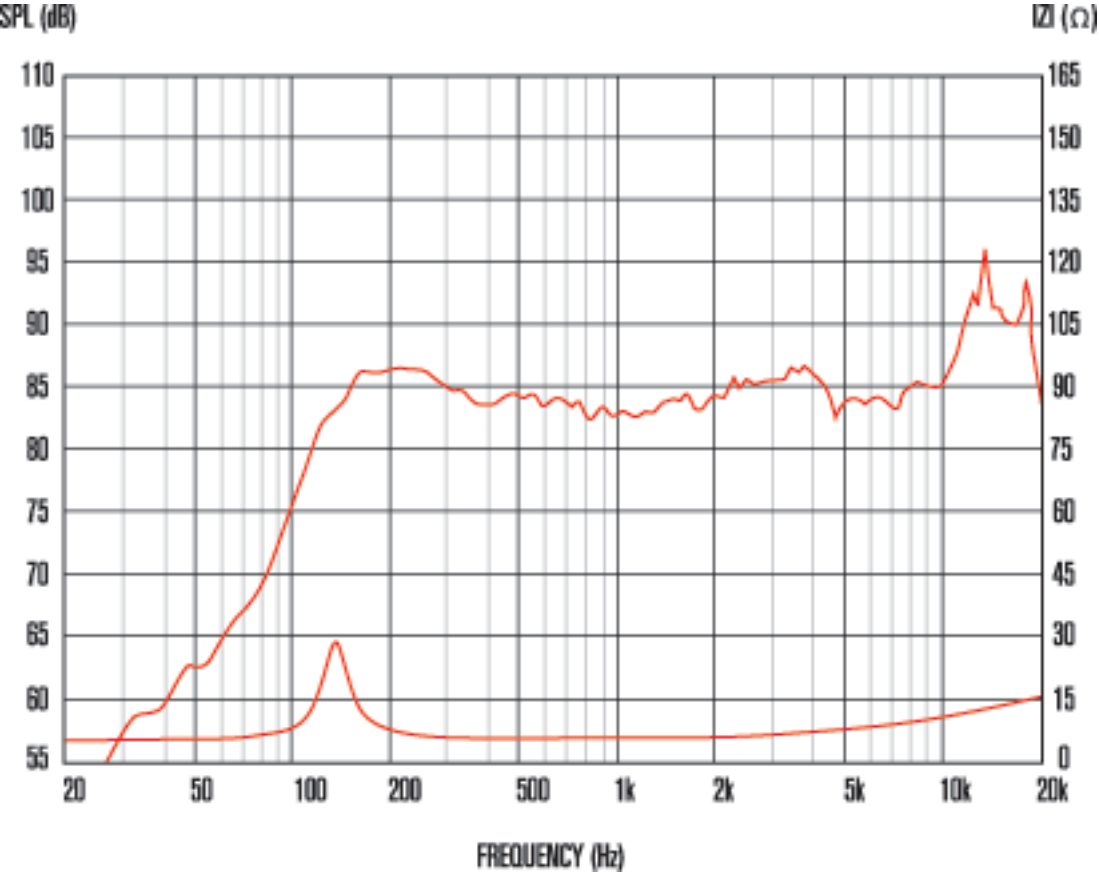
AN2775



Features

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

8 Ω Frequency Response



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 2Ĵ 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                     | 70mm/2.75in          |
| Power rating <sup>1</sup>            | 20Wrms               |
| Continuous power rating <sup>2</sup> | 40W                  |
| Nominal impedance                    | 8 Ω                  |
| Sensitivity <sup>3</sup>             | 84dB                 |
| Frequency range                      | 160Hz-20kHz          |
| 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 <sup>4</sup>                    | 1.5mm/0.06in         |
| Gap depth                            | 3mm/0.12in           |
| Voice coil winding width             | 6mm/0.24in           |

Small Signal Parameters

|     |                  |
|-----|------------------|
| D   | 60mm/2.36in      |
| Sd  | 28.27cm2/4.38in2 |
| Fs  | 123.3Hz          |
| Mms | 2.68g/0.09oz     |
| Qms | 5.408            |
| Qes | 1.166            |
| Qts | 0.959            |
| Re  | 5.26 Ω           |
| Vas | 3.57lt/0.13ft3   |
| Bl  | 3.06Tm           |
| Cms | 0621mm/N         |

Mounting Information

|                    |                             |
|--------------------|-----------------------------|
| Overall depth      | 45mm/1.8in                  |
| Overall size       | 71.3 x 71.3mm/2.8in x 2.8in |
| Cut-out diameter   | 66.1mm/2.6in                |
| Fitting            | 4 x M4 holes                |
| Mounting PCD range | 82mm/3.2in                  |
| Unit weight        | 100g/3.53oz                 |

Packed Dimensions & Weight

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Single pack size W x D x H | 115mm x 115mm x 70mm<br>/4.5in x 4.5in x 2.8in   |
| Single pack weight         | 200g/0.4lb                                       |
| Multi pack size W x D x H  | 450mm x 350mm x 380mm<br>/17.6in x 13.8in x 15in |
| Multi pack weight          | 10kg/22lb                                        |