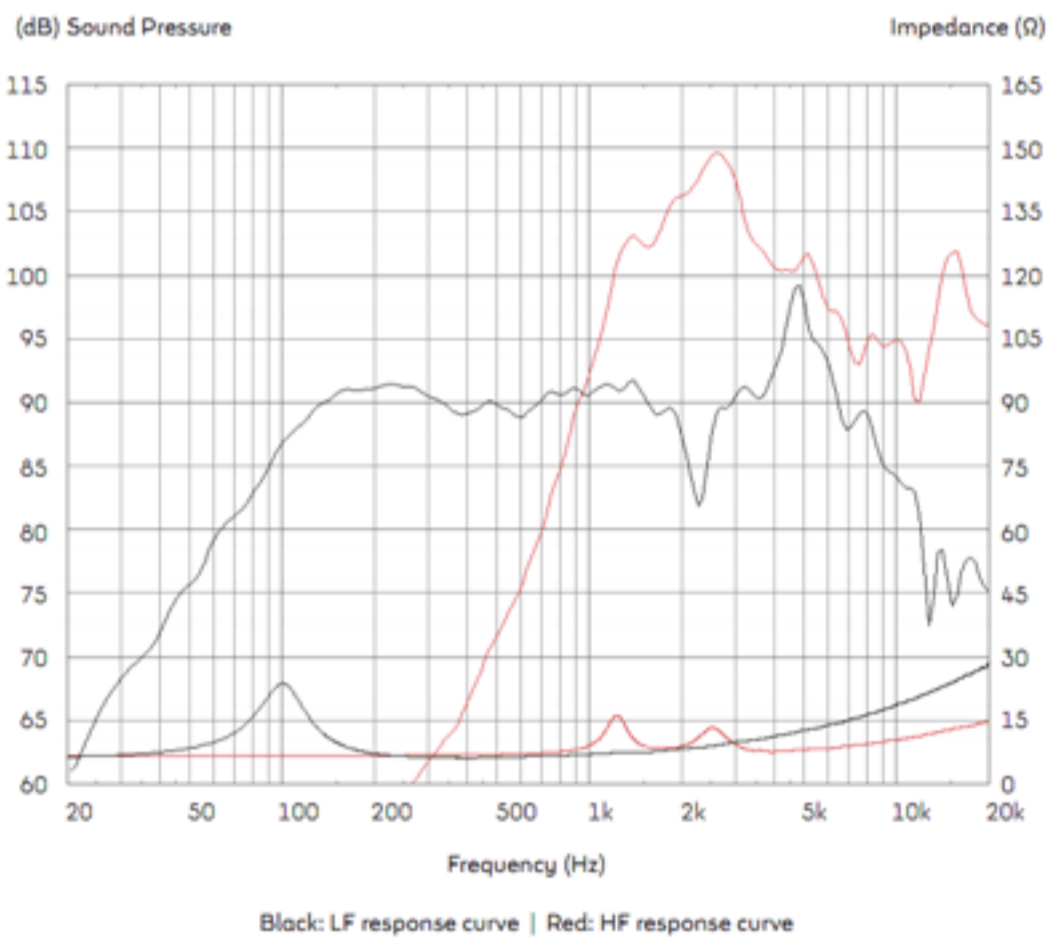


### FTX0617



- Ferrite magnet assembly acts as common motor for both LF and HF
- Polyimide HF diaphragm
- Demodulation ring
- 100° nominal HF coverage
- HF repair kit available

### 8 Frequency Response



- 1.
2. 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.
3. Continuous Power Rating is defined as 3dB greater than the AES rating
4. Measured on axis at 1W, 1m in 2<sup>l</sup> anechoic environment.
5. Xmax derived from: (voice coil winding width-gap depth)/2.
6. Tested for two hours on plane wave tube using a continuous, band limited pink noise signal as per AES standard. Power calculated on minimum impedance
7. Continuous Power Handling is defined as 3dB greater than the AES rating

### General Specifications

Size	165mm/6.5in
Power rating <sup>1</sup>	150Wrms
Continuous power rating <sup>2</sup>	300W
Nominal impedance	8
Sensitivity <sup>2</sup>	92dB
Frequency range	100-6,000Hz
Voice coil diameter	44mm/1.75in
Chassis type	Cast Aluminium
Magnet type	Ferrite
Magnet weight	0.88kg/31oz
Coil material	Edgewound copper clad aluminium
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax <sup>4</sup>	2mm/0.8in
Gap depth	6mm/0.24in
Voice coil winding width	10mm/0.4in

### Small Signal Parameters

D	0.14m/5.51in
Fs	100Hz
Mms	11.58g/0.41oz
Qms	3.651
Qes	0.925
Mmd	9.86g/0.35oz
Qts	0.738
Re	5.52
Vas	7.37lt/0.26ft <sup>3</sup>
Bl	6.59Tm
Cms	0.22mm/N
Rms	1.99kg/s
Le (at 1kHz)	0.27mH

### General Specifications: HF

Power rating <sup>1</sup>	40Wrms
Continuous power rating <sup>6</sup>	80W
Nominal impedance	8Ω;
Sensitivity	103dB
Frequency range	1,500-20,000Hz
Recommended min. crossover (12dB/oct)	2,200Hz
Magnet type	Dual ferrite magnet motor
Voice coil diameter	34mm/1.4in
Diaphragm and surround material	Polyimide

### Mounting Information

Diameter	189mm/7.44in (max)
Overall depth	93mm/3.66in
Cut-out diameter	150mm/5.9in
Mounting slot dimensions	6.5mmx5.5mm/0.26inx0.22in
Number of mounting slots	4
Mounting PCD range	173.5mm/6.83in
Unit weight	3kg/6.6lb

### Packed Dimensions & Weight

Single pack size W x D x H	190mm x 190mm x 128mm /7.4in x 7.4in x 5in
Single pack weight	3.5kg/7.7lb