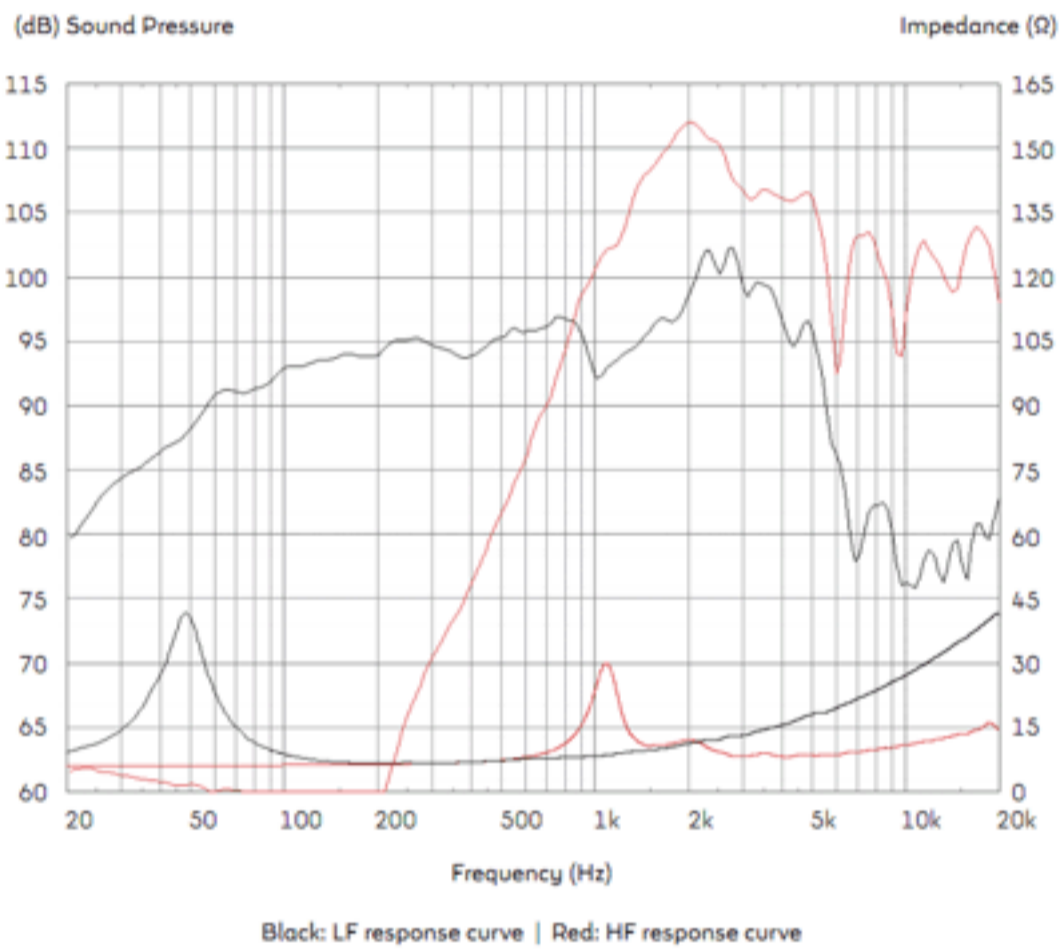


FTX1225



- Ferrite magnet assembly acts as common motor for both LF and HF
- Polyimide HF diaphragm
- Demodulation ring
- 90° nominal HF coverage
- HF repair kit available

8 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 2nd anechoic environment.
4. Xmax derived from: (voice coil winding width-gap depth)/2.
5. tested for 2 hours on plane wave tube using a continuous, band limited pink noise signal as per AES standard. Power calculated on minimum impedance
6. Continuous Power Handling is defined as 3dB greater than the AES rating.

General Specifications

Size	305mm/12in
Power rating ¹	300Wrms
Continuous power rating ²	600W
Nominal impedance	8
Sensitivity ³	97dB
Frequency range	50-4,000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Cast Aluminium
Magnet type	Ferrite
Magnet weight	2.3kg/81oz
Coil material	Edgewound copper clad aluminium
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁴	4mm/0.16in
Gap depth	8mm/0.31in
Voice coil winding width	16mm/0.63in

Small Signal Parameters

D	0.26m/10.24in
Fs	42.1Hz
Mms	47.53g/1.68oz
Qms	3.345
Qes	0.459
Mmd	42.52g/1.5oz
Qts	0.403
Re	5.74
Vas	12.081lt/0.43ft ³
Bl	12.54Tm
Cms	0.3mm/N
Rms	3.76kg/s
Le (at 1kHz)	0.5mH

General Specifications: HF

Power rating ⁵	60Wrms
Continuous power rating ⁶	120W
Nominal impedance	8Ω;
Sensitivity ²	104dB
Frequency range	1000-18,000Hz
Recommended min. crossover (12dB/oct)	2,000Hz
Magnet type	Dual ferrite magnet motor
Voice coil diameter	45mm/1.75in
Diaphragm and surround material	Polyimide

Mounting Information

Diameter	318mm/12.5in
Overall depth	168mm/6.61in
Cut-out diameter	286mm/11.26in
Mounting slot dimensions	7.5x6.5mm/0.29x0.26in
Number of mounting slots	8
Mounting PCD range	298-304mm/11.70-11.97in
Unit weight	5.9kg/13.0lb

Packed Dimensions & Weight

Single pack size W x D x H	364mm x 364mm x 189mm /14.3in x 14.3in x 7.4in
Single pack weight	6.7kg/14.7lb