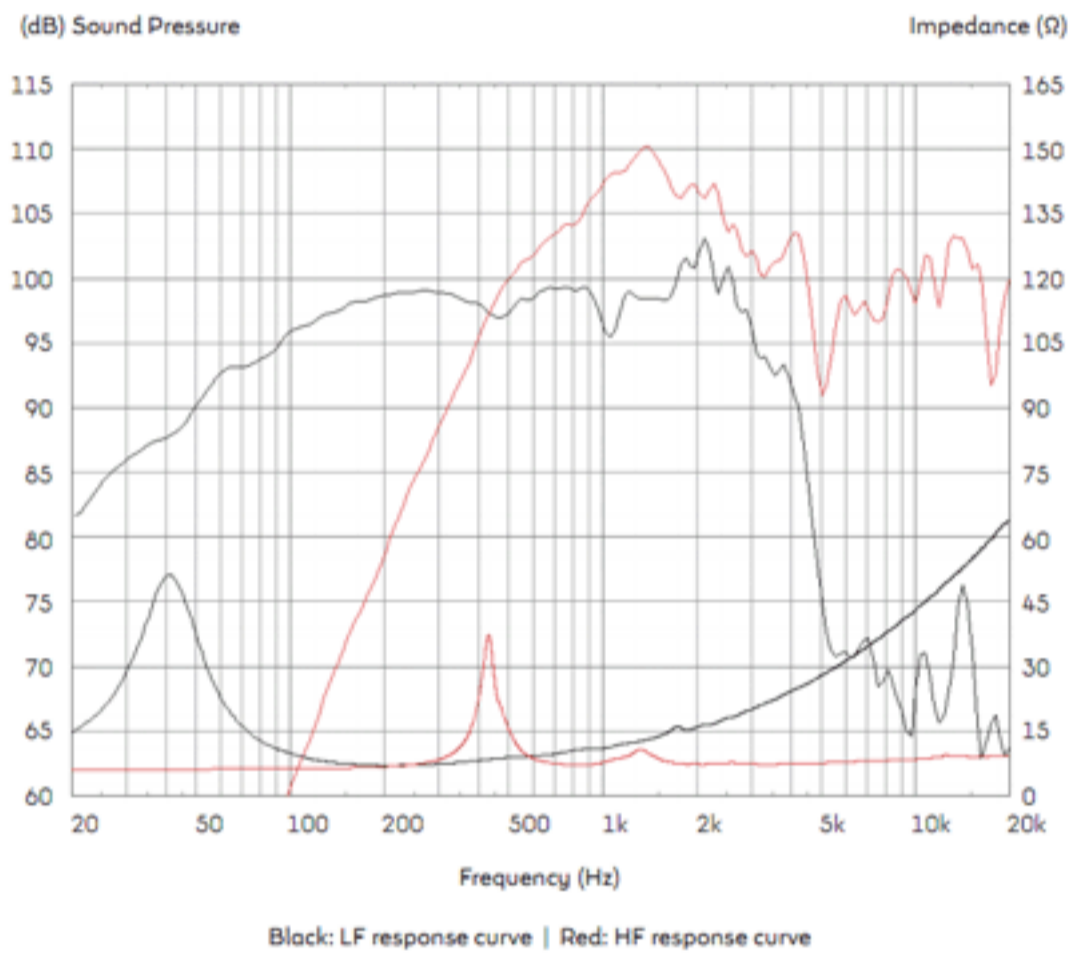


FTX1530



- Ferrite magnet assembly acts as common motor for both LF and HF
- Titanium 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 2^l anechoic environment.
4. Xmax derived from: (voice coil winding width-gap depth)/2.
5. 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.
6. Continuous Power Handling is defined as 3dB greater than the AES rating.

General Specifications

Size	381mm/15in
Power rating ¹	400Wrms
Continuous power rating ²	800W
Nominal impedance	8
Sensitivity ³	97dB
Frequency range	40-4,000Hz
Voice coil diameter	75mm/3in
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	0.33m/12.99in
Fs	42.5Hz
Mms	84.29g/2.97oz
Qms	3.809
Qes	0.297
Qts	0.28
Re	5.36
Vas	172.0716.08ft3
Bl	20.16Tm
Cms	0.17mm/N
Rms	5.91kg/s
Le (at 1kHz)	0.82mH

General Specifications: HF

Power rating ⁵	75Wrms
Continuous power rating ⁶	150W
Nominal impedance	8Ω
Sensitivity	106.5dB
Frequency range	800-18,000Hz
Recommended min. crossover (12dB/oct)	1,000Hz
Voice coil diameter	75mm/3in
Magnet type	Dual ferrite magnet motor
Diaphragm and surround material	Titanium/Polyimide

Mounting Information

Diameter	387mm/15.24in
Overall depth	176mm/6.93in
Cut-out diameter	351mm/13.82in
Mounting slot dimensions	10 x 7mm/0.39 x 0.27in
Number of mounting slots	8
Mounting PCD range	365-375mm/14.37-14.76in
Unit weight	6.5kg/14.3lb

Packed Dimensions & Weight

Single pack size W x D x H	428mm x 428mm x 228mm /16.8in x 16.8in x 8.9in
Single pack weight	7.5kg/16.5lb