

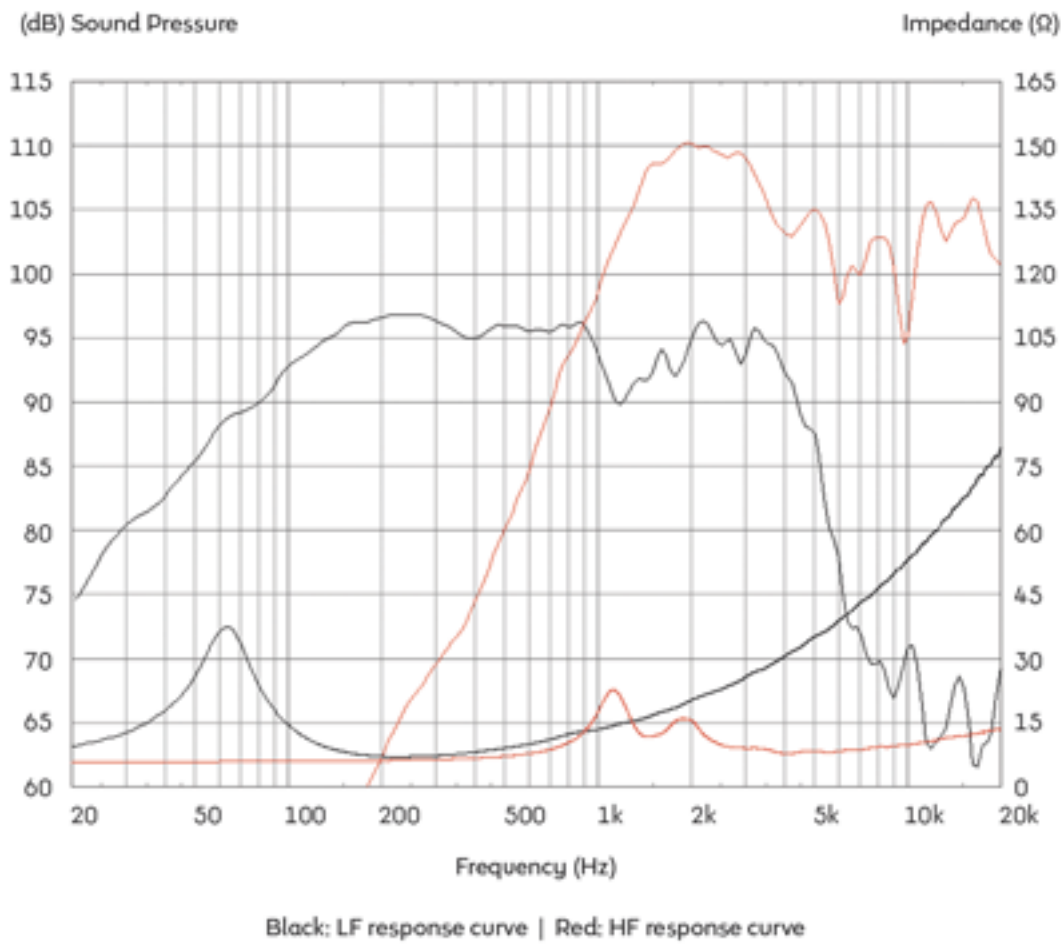
TF1225CX



Features

- Field replaceable PETP Film HF diaphragm
- 80° nominal HF coverage
- HF repair kit available

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 2l 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	305mm/12in
Power rating ¹	250Wrms
Continuous power rating ²	500W
Nominal impedance	8 Ω
Sensitivity ³	97dB
Frequency range	40-4,000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.2kg/42oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁴	2.5mm/0.098in
Xmax	45mm/1.75in
Gap depth	8mm/0.31in
Voice coil winding width	13mm/0.51in

Small Signal Parameters

D	0.26m/0.24in
Fs	63.5Hz
Mms	55.59g/1.96oz
Qms	3.119
Qes	0.405
Mmd	42.76g/1.51oz
Qts	0.358
Re	5.57 Ω
Vas	45.12lt/1.59ft3
Bl	17.46Tm
Cms	0.11mm/N
Rms	7.11kg/s
Le (at 1kHz)	1.2mH

General Specifications: HF

Power rating ⁵	40Wrms
Continuous power rating ⁶	80W
Nominal impedance	8Ω
Sensitivity	110dB
Frequency range	1200-18,000Hz
Recommended min. crossover (12dB/oct)	2,200Hz
Magnet type	Neodymium
Voice coil diameter	45mm/1.75in
Diaphragm and surround material	PETP film

Mounting Information

Diameter	309mm/12.2in
Overall depth	172mm/6.77in
Cut-out diameter	286mm/11.20in
Mounting slot dimensions	Ø7.9mm/0.31in
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	4.6kg/10.1lb

Packed Dimensions & Weight

Single pack size W x D x H	354mm x 354mm x 189mm /13.9in x 13.9in x 7.4in
Single pack weight	5.4kg/11.8lb