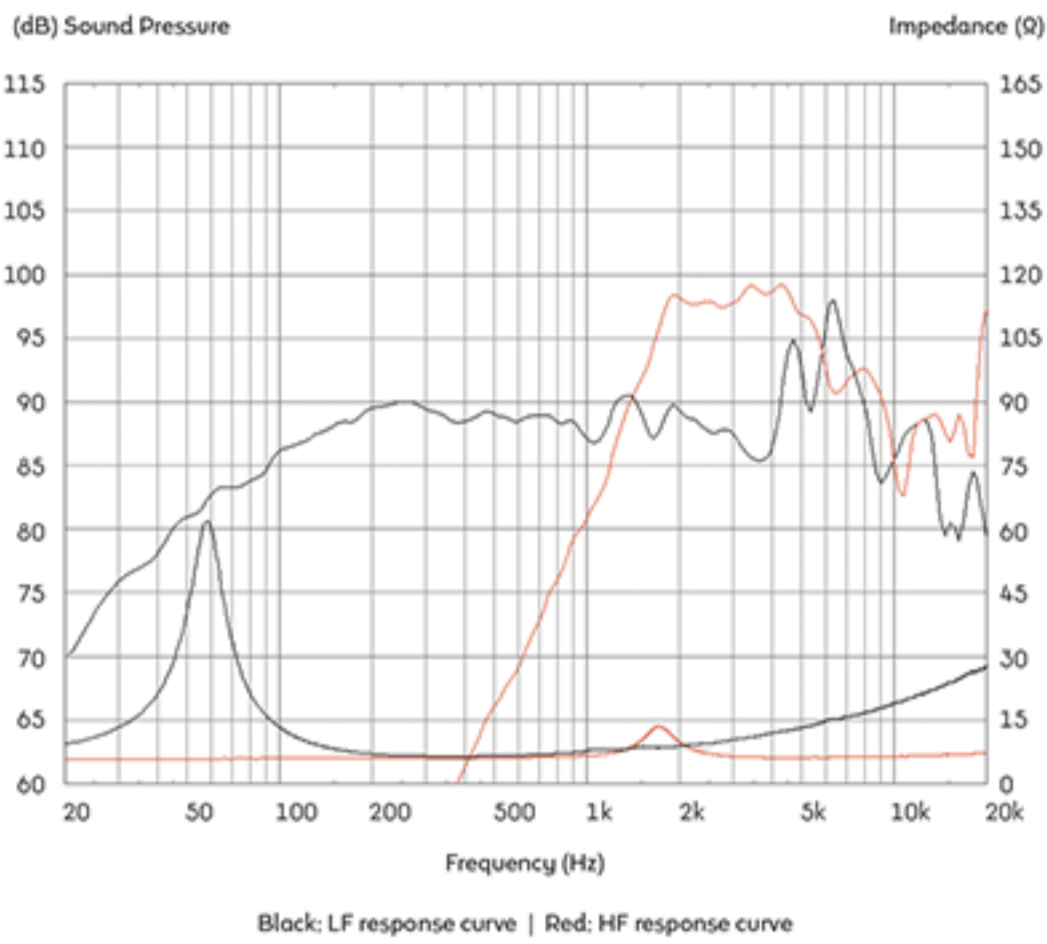


### TFX0512



- Silk dome tweeter
- Integrated HF waveguide
- 100° nominal HF coverage

#### 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<sup>l</sup> anechoic environment
4. Xmax derived from: (voice coil winding width-gap depth)/2
5. Continuous Power Handling is defined as 3dB greater than the AES rating.

#### General Specifications

Size	125mm/5in
Power rating <sup>1</sup>	100Wrms
Continuous power rating <sup>2</sup>	200W
Nominal impedance	8
Sensitivity <sup>3</sup>	92dB
Frequency range	70-4,000Hz
Voice coil diameter	32mm/1.25in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.48kg/17oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Elastomer
Suspension	Single
Xmax <sup>4</sup>	3.25mm/0.13in
Gap depth	6mm/0.24in
Voice coil winding width	12mm/0.47in

#### Small Signal Parameters

D	100mm/3.94in
Fs	69.1Hz
Mms	8.6g/0.3oz
Qms	6.184
Qes	0.494
Qts	0.46
Re	5.45
Vas	5.38l/0.19ft <sup>3</sup>
Bl	6.42Tm
Cms	0.62mm/N
Rms	0.6kg/s
Le (at 1kHz)	0.37mH

#### General Specifications: HF

Power rating <sup>1</sup>	8Wrms
Continuous power rating <sup>6</sup>	16W
Nominal impedance	8Ω
Sensitivity <sup>2</sup>	97dB
Frequency range	2,000-20,000Hz
Recommended min. crossover (12dB/oct)	2,500Hz
Voice coil diameter	19mm/0.75in
Magnet type	Neodymium
Diaphragm and surround material	Silk

#### Mounting Information

Diameter	151mm/5.9in (max)
Overall depth	72mm/2.8in
Cut-out diameter	116mm/4.6in
Number of mounting slots	4
Mounting PCD range	140mm/5.5in
Unit weight	2kg/4.4lb