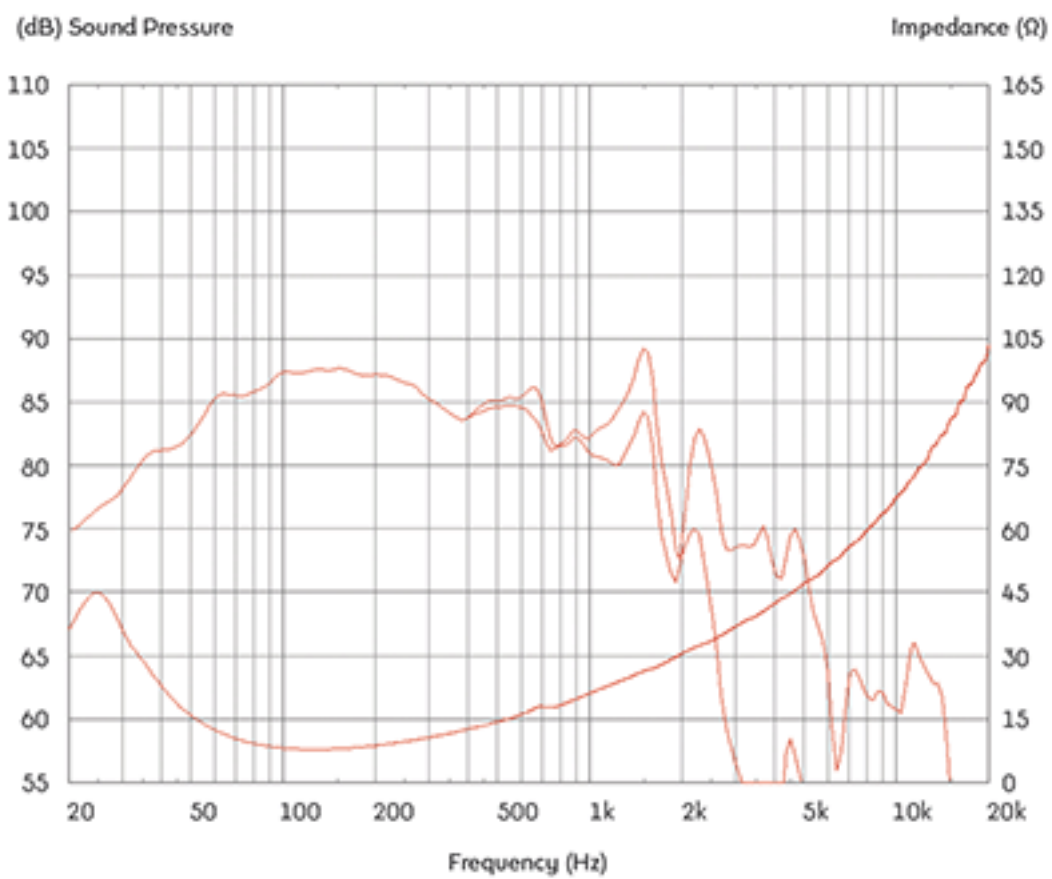


FTR12-4080DL



- Half-roll elastomer surround
- Long excursion: 11.25mm mathematical Xmax
- Glass loaded paper cone with weather-resistant impregnation
- Optimised double suspension
- Airflow vented magnet assembly for dynamic heat dispersion

8 Frequency Response



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	305mm/12in
Power rating ¹	700Wrms
Continuous power rating ²	1400W
Nominal impedance	8
Sensitivity ³	88dB
Frequency range	20-300Hz
Voice coil diameter	100mm/4in
Chassis type	Cast Aluminium
Magnet type	Ferrite
Magnet weight	3.6kg/126oz
Coil material	Round copper
Former material	Aluminium
Cone material	Glass loaded paper(weather resistant)
Surround material	Elastomer
Suspension	Double
Xmax ⁴	11.25mm/0.44in
Gap depth	9.5mm/0.37in
Voice coil winding width	32mm/1.26in

Small Signal Parameters

D	260mm/10.24in
Fs	28.9Hz
Mms	176.07g/6.21oz
Qms	2.466
Qes	0.345
Qts	0.303
Re	6.24
Vas	68.6l/2.4ft ³
Bl	24.05Tm
Cms	0.17mm/N
Rms	12.97kg/s
Le (at 1kHz)	2.07mH

Mounting Information

Overall diameter	313mm/12.3in
Overall depth	169mm/6.7in
Cut-out diameter	282mm/11.1in
Mounting slot dimensions	10mm x 7mm/0.39in x 0.27in
Number of mounting slots	8
Mounting PCD range	291-301mm/11.7-11.9in
Unit weight	10.2kg/22.4lb

Packed Dimensions & Weight

Multi pack size W x D x H	1210mm x 1050mm x 980mm /47.6in x 41.3in x 35.4in
Multi pack weight	400kg/880lb