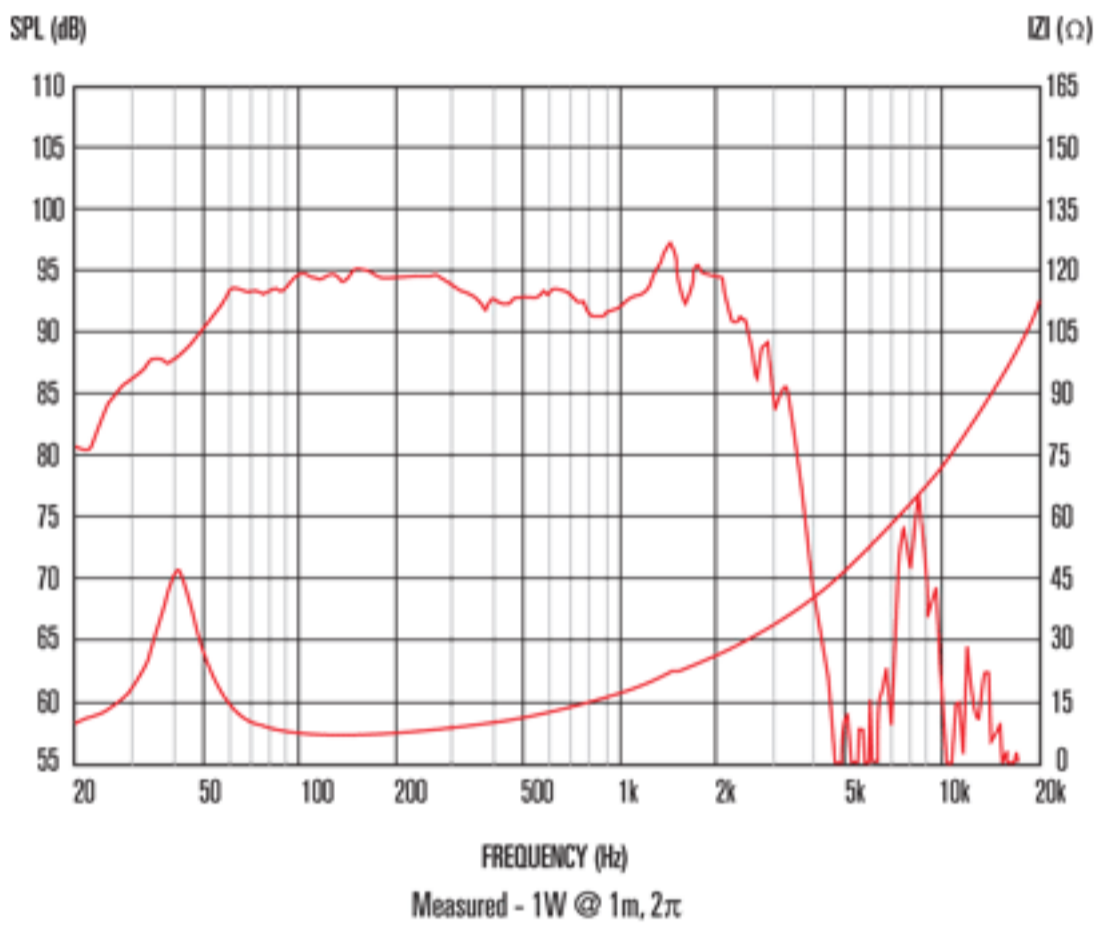


FTR18-4080HDX



- Glass loaded paper cone with weather-resistant impregnation
- Optimised double suspension
- Airflow vented magnet assembly for dynamic heat dispersion

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 2¹ anechoic environment.
4. X_{max} 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	457mm/18in
Power rating ¹	1000Wrms
Continuous power rating ²	2000W
Nominal impedance	8
Sensitivity ³	95dB
Frequency range	30-2,500Hz
Voice coil diameter	100mm/4in
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	3.1kg/110oz
Coil material	Round copper
Former material	Glass Fibre
Cone material	Glass loaded paper with weather-resistant impregnation
Surround material	Cloth-sealed
Suspension	Double
X _{max} ⁴	8mm/0.33in
Gap depth	9.5mm/0.37in
Voice coil winding width	25mm/0.99in

Small Signal Parameters ⁵

D	0.38m/14.96in
F _s	39.2Hz
M _{ms}	171.75g/6.06oz
Q _{ms}	5.387
Q _{es}	0.466
M _{md}	177.41g/6.26oz
Q _{ts}	0.429
R _e	5.0
V _{as}	174.88lt/6.18ft ³
B _l	21.29Tm
C _{ms}	0.1mm/N
R _{ms}	7.85kg/s
L _e (at 1kHz)	1.79mH

Mounting Information

Overall diameter	452mm/17.8in
Overall depth	205mm/8.07in
Cut-out diameter	416mm/16.38in
Mounting slot dimensions	10mm x 7mm/0.4in x 0.27in
Number of mounting slots	8
Mounting PCD range	429-440mm/16.89-17.32in
Unit weight	9.8kg/21.6lb

Packed Dimensions & Weight

Single pack size W x D x H	500mm x 500mm x 240mm /19.7in x 19.7in x 9.4in
Single pack weight	11.6kg/25.6lb
Multi pack size W x D x H	1210mmx1050mmx980mm /47.6inx41.3inx35.4in
Multi pack weight	265kg/580lb