

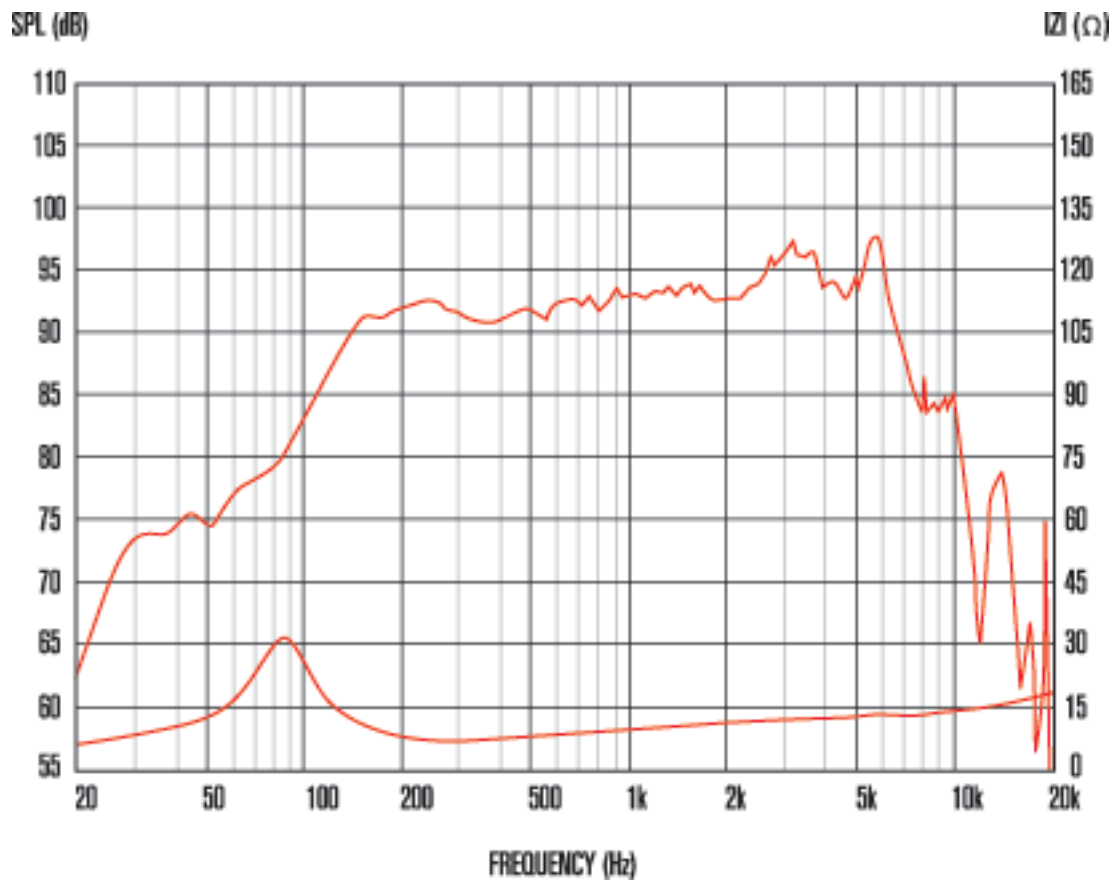
FTR08-2011D



Features

- 8" ferrite magnet driver providing 200Wrms (AES standard) power handling and 93dB sensitivity
- 2" high temperature copper voice coil
- Suitable for line array applications, utilizing a space-efficient octagonal chassis profile
- Optimized flux distribution in magnet assembly provides low harmonic distortion
- "M-Roll" surround provides progressive excursion control, generating a smooth frequency response
- Intelligent heat management in both chassis and magnet assembly design offers reduced thermal compression

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. Measured on axis at 1W, 1m in 2 anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.

General Specifications

Nominal diameter	200mm/8in
Power rating ¹	200Wrms
Nominal impedance	8Ω
Sensitivity ²	93dB
Frequency range	70-6000Hz
Voice coil diameter	50mm/2in
Chassis type	Cast Aluminium
Magnet type	Ferrite
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	3.5mm/0.137in
Gap depth	8mm/0.31in
Voice coil winding width	15mm/0.59in

Small Signal Parameters

D	0.17m/6.69in
Fs	88.4Hz
Mms	26.94g/0.95oz
Mmd	25.01g/0.88oz
Qms	2.594
Qes	0.572
Qts	0.469
Re	5.74Ω
Vas	8.77lt/0.30ft ³
Bl	12.26Tm
Cms	0.12mm/N
Rms	5.769kg/s
Le (at 1kHz)	0.39mH

Mounting Information

Diameter	225mm/8.8in
Overall depth	102mm/4.0in
Cut-out diameter	187mm/7.4in
Mounting slot dimensions	Ø6.5mm/0.26in
Number of mounting slots	8
Mounting PCD range	210mm/8.3in
Unit weight	3.65kg/8.0lb