LF Loudspeakers

FTR08-2011D

8-inch, cast aluminium chassis, ferrite magnet mid/bass driver

- Coated Kevlar-loaded cone for enhanced weather resistance
- Copper sleeved pole reduces HF inductive rise
- Airflow vented magnet assembly for dynamic heat dispersion

400W
Continuous power rating

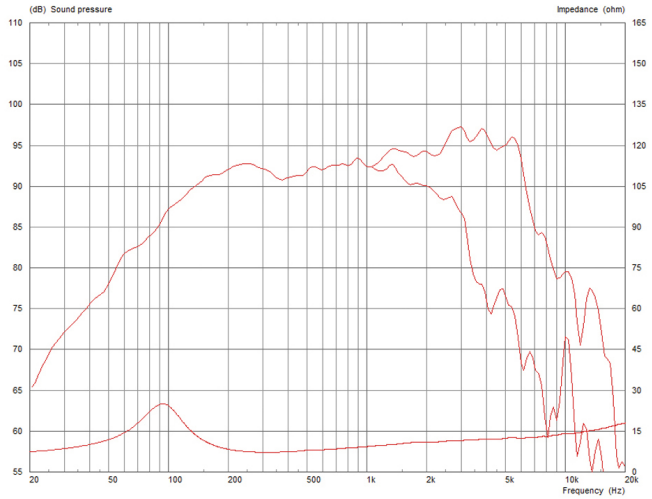
93dB
sensitivity

2in
Round copper voice coil

Mounting Information

Overall diameter	225mm / 8.8in
Overall depth	102mm / 4in
Cut-out diameter	187mm / 7.4in
Mounting hole dimensions	6.5mm / 0.26in
Number of mounting holes	8
Mounting hole PCD	210mm / 8.3in
Unit weight	3.65kg / 8lb

Frequency Response and Impedance Curves



General Specifications

Nominal Diameter	200mm / 8in
Power Rating	200W
Continuous power rating	400W
EIA power rating	350W
Rated impedance	8 ohm
Sensitivity	93dB
Frequency range	70-6000Hz
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	1.2kg / 42oz
Voice coil diameter	50mm / 2in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	15mm / 0.59in

Parameters

Sd	226.98cm^2 / 35.18in^2
Fs	86.10Hz
Mms	27.75g / 0.98oz
Qms	2.238
Qes	0.541
Qts	0.436
Re	5.82 ohm
Vas	8.99l / 0.32ft^3
Bi	12.71Tm
Cms	0.12mm/N
Rms	6.71kg/s
Le (at 1kHz)	0.38mH
Xmax	5.5mm / 0.22in

Packed Dimensions & Weight

Single pack size W x D x H	226mm x 226mm x 130mm / x 8.9in 8.9in x 5.1in
Single pack weight	3.8kg / 8.4lb
Multi pack qty	8
Multi pack size W x D x H	470mm x 450mm x 270mm / x 18.5in 17.7in x 10.6in
Multi pack weight	31kg / 68lb

Power rating: 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.
Continuous power rating: Defined as 3dB greater than the AES rating.
Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic environment.
Parameters: Measured after unit subjected to pre-conditioning signal.
Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom