LF Loudspeakers

TF0512HE

5-inch pressed steel chassis, ferrite magnet bass/mid driver

- Elastomer surround for increased excursion
- Enhanced low frequency performance
- Inverted dustcap for close positioning of phase plug

150W
Continuous power rating

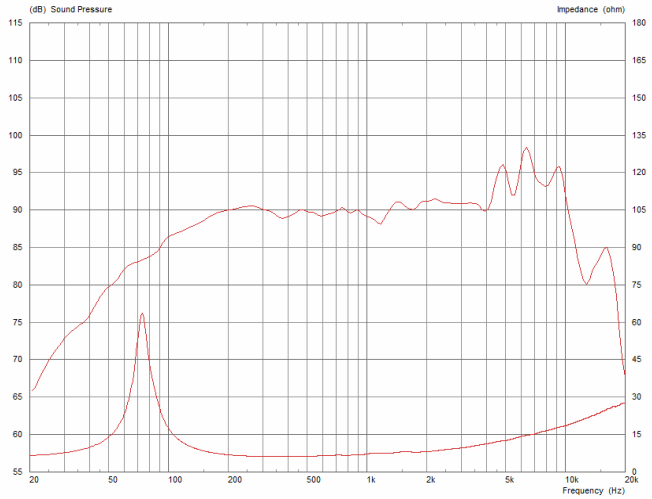
89.5dB
Sensitivity

1.25in
Copper clad aluminium voice coil

Mounting Information

Overall diameter	151mm / 5.94in
Overall depth	72mm / 2.83in
Cut-out diameter	117mm / 4.6in
Mounting hole dimensions	4.5mm / 0.18in
Number of mounting holes	4
Mounting hole PCD	140mm / 5.5in
Unit weight	1.4kg / 3.1lb

Frequency Response and Impedance Curves



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? anechoic environment.
Parameters: Measured after unit subjected to pre-conditioning signal.
Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

General Specifications

Nominal Diameter	125mm / 5in
Power Rating	75W
Continuous power rating	150W
Rated impedance	8 ohm
Sensitivity	89.5dB
Frequency range	55-4,000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.48kg / 17oz
Voice coil diameter	31.75mm / 1.25in
Voice coil material	Copper clad aluminium
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Elastomer
Suspension	Single
Gap height (Hg)	6mm / 0.24in
VC winding height (Hvc)	12.5mm / 0.49in

Parameters

Sd	78.54cm^2 / 12.17in^2
Fs	84.7Hz
Mms	8.89g / 0.31oz
Qms	9.225
Qes	0.569
Qts	0.536
Re	5.42 ohm
Vas	3.46l / 0.12ft^3
Bl	6.71Tm
Cms	0.39mm/N
Rms	0.51kg/s
Le (at 1kHz)	0.28mH
Xmax	4.75mm / 0.19in

Packed Dimensions & Weight

Multi pack qty	30
Multi pack size W x D x H	290mm x 750mm x 310mm / 11.4in x 29.5in x 12.2in
Multi pack weight	48kg / 106lb

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