LF Loudspeakers

TN1230

12-inch pressed steel chassis, neodymium magnet bass/mid driver

- Compact, high flux, dual magnet motor design
- Vented cast aluminium heatsink

700W
Continuous power rating

97dB
Sensitivity

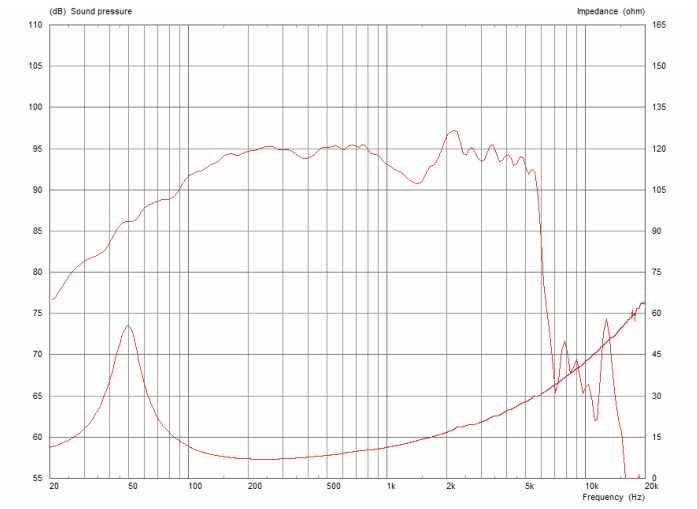
3in
Round copper voice coil



Mounting Information

Overall diameter	309mm / 12.17in
Overall depth	132mm / 5.2in
Cut-out diameter	283mm / 11.14in
Mounting hole dimensions	7.9mm / 0.31in
Number of mounting holes	4
Mounting hole PCD	297mm / 11.69in
Unit weight	2.1kg / 4.6lb

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: Hvc-Hg/2

General Specifications

Nominal Diameter	305mm / 12in
Power Rating	350W
Continuous power rating	700W
Rated impedance	8 ohm
Sensitivity	97dB
Frequency range	50-4500Hz
Chassis type	Pressed steel
Magnet type	Neodymium
Voice coil diameter	75mm / 3in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	10mm / 0.39in
VC winding height (Hvc)	17.5mm / 0.69in

Parameters

Sd	530.93cm^2 / 82.29in^2
Fs	46.6Hz
Mms	72.42g / 2.56oz
Qms	4.76
Qes	0.37
Qts	0.35
Re	6.09 ohm
Vas	64.33l / 2.3ft^3
Bl	18.55Tm
Cms	0.16mm/N
Rms	4.45kg/s
Le (at 1kHz)	0.99mH
Xmax	3.75mm / 0.15in

Packed Dimensions & Weight

Single pack size W x D x H	330mm x 330mm x 150mm / 13in x 13in x 5.9in
Single pack weight	2.4kg / 5.3lb

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