LF Loudspeakers

TF1530

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

- High output 15in mid/bass driver

800W
Continuous power rating

99dB
Sensitivity

3in
Round copper voice coil

General Specifications

Nominal Diameter	381mm / 15in
Power Rating	400W
Continuous power rating	800W
EIA power rating	550W
Rated impedance	8 ohm
Sensitivity	99dB
Frequency range	40-3000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	2.44kg / 86oz
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)	8mm / 0.31in
VC winding height (Hvc)	12mm / 0.47in
Additional impedances	4 ohm

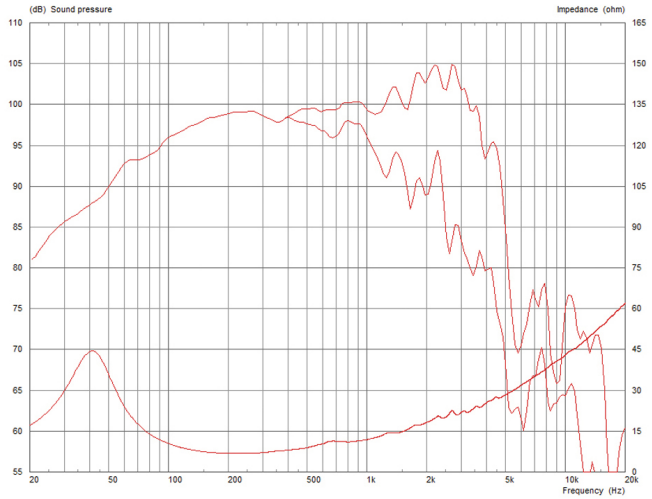
Mounting Information

Overall diameter	385mm / 15.16in
Overall depth	163mm / 6.4in
Cut-out diameter	352mm / 13.86in
Mounting hole dimensions	9.2x6.2mm / 0.36x0.24in
Number of mounting holes	8
Mounting hole PCD	369mm / 14.56in
Unit weight	6.9kg / 15.2lb

Parameters

Sd	855.30cm^2 / 132.57in^2
Fs	42.00Hz
Mms	91.65g / 3.23oz
Qms	2.728
Qes	0.313
Qts	0.281
Re	5.82 ohm
Vas	162.20l / 5.73ft^3
Bl	21.22Tm
Cms	0.16mm/N
Rms	8.87kg/s
Le (at 1kHz)	0.96mH
Xmax	4mm / 0.16in

Frequency Response and Impedance Curves



Packed Dimensions & Weight

Single pack size W x D x H	410mm x 410mm x 180mm / 16.1in x 16.1in x 7.1in
Single pack weight	8.0kg / 17.6lb
Multi pack qty	45
Multi pack size W x D x H	1200mm x 1000mm x 980mm / 47.2in x 39.4in x 38.6in
Multi pack weight	345kg / 760lb

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

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