

LF Pressed Chassis / Ferrite

TF1520



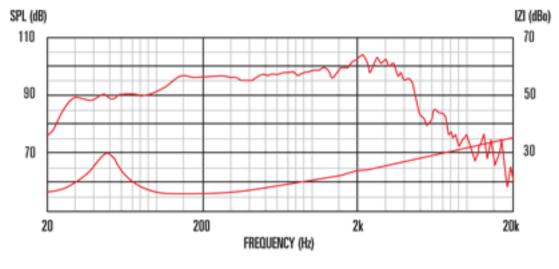




Features

- Versatile 15" bass and mid-range driver providing 96dB sensitivity and 150Wrms (AES standard) power handling
- 2" high temperature copper voice coil wound on polyimide for increased reliability
- Ideal for 2-way and 3-way systems
- Kevlar-loaded cone with sealed surround and damping for reduced distortion
- Rigid chassis design for maximum energy transfer
- · Vented magnet assembly for enhanced cooling

8 Frequency Response



Measured - 1W @ 1m, 2π

- 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	381mm/15in
Power rating ¹	150Wrms
Nominal impedance	8
Sensitivity ²	96dB
Frequency range	45-4000Hz
Voice coil diameter	50mm/2in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.1kg/40oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	3mm/0.12in
Gap depth	8mm/0.24in
Voice coil winding width	14.5mm/0.57in

Small Signal Parameters

D

Fs	51.7Hz
Mms	62.33g/2.2oz
Mmd	48.18g/1.7oz
Qms	6.69
Qes	0.85
Qts	0.75
Re	5.95
Vas	157.69lt/5.57ft3
ВІ	11.93Tm
Cms	0.15mm/N
Rms	3.03kg/s
Le (at 1kHz)	1.41mH

0.33m/12.99in

Mounting Information

385mm/15.16in
158mm/6.22in
352mm/13.86in
9.4mm x 6.3mm/0.37in x 0.25in
8
370mm/14.57in
5.0kg/11.0lb

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	5.5kg/12.1
Multipack (4) size W x D x H	750mmx340mmx440mm
	/29.5in x 13.4in x 17.3in
Multi pack (4) weight	22kg/48lb



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