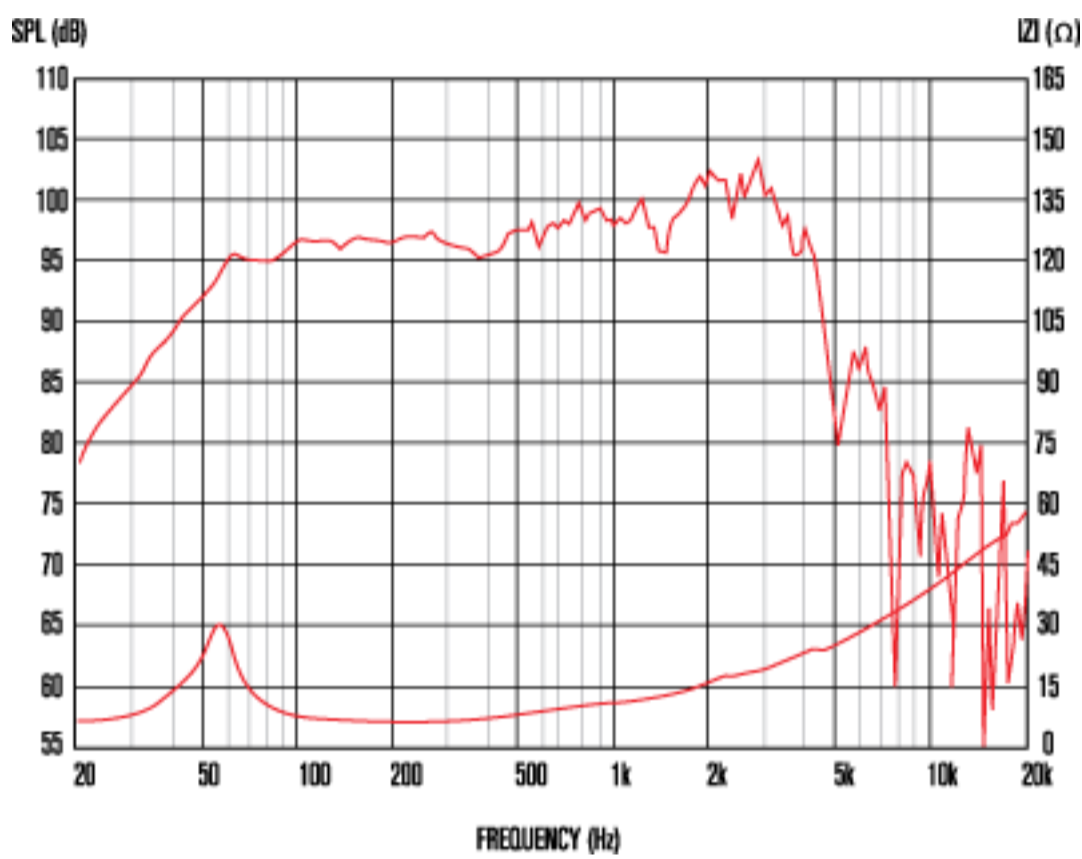


### TF1520



- Versatile 15" bass and mid-range speaker drive providing 96dB sensitivity

#### 8 Frequency Response



- 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 Handling is defined as 3dB greater than the AES rating.
- Tested as per the EIA-426-A standard
- Measured on axis at 1W, 1m in 2<sup>l</sup> anechoic environment.
- X<sub>max</sub> derived from: (voice coil winding width-gap depth)/2.
- Small signal parameters measured after unit subjected to pre-conditioning signal.

#### General Specifications

Nominal diameter	381mm/15in
Power rating <sup>1</sup>	150Wrms
Continuous power rating <sup>2</sup>	300W
EIA power rating <sup>3</sup>	250W
Nominal impedance	8
Sensitivity <sup>4</sup>	96dB
Frequency range	45-4,000Hz
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
X <sub>max</sub> <sup>5</sup>	3mm/0.12in
Gap depth	8mm/0.24in
Voice coil winding width	14.5mm/0.57in

#### Small Signal Parameters

D	0.33m/12.99in
F <sub>s</sub>	54.9Hz
M <sub>ms</sub>	65.49g/2.31oz
Q <sub>ms</sub>	5.165
Q <sub>es</sub>	0.84
M <sub>md</sub>	48.18g/1.7oz
Q <sub>ts</sub>	0.723
R <sub>e</sub>	5.79
V <sub>as</sub>	132.98lt/4.7ft <sup>3</sup>
Bl	12.48Tm
C <sub>ms</sub>	0.13mm/N
R <sub>ms</sub>	4.37kg/s
L <sub>e</sub> (at 1kHz)	0.08mH

#### Mounting Information

Overall diameter	385mm/15.16in
Overall depth	158mm/6.22in
Cut-out diameter	352mm/13.86in
Mounting slot dimensions	9.4mm x 6.3mm/0.37in x 0.25in
Number of mounting slots	8
Mounting PCD range	370mm/14.57in
Unit weight	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
Multi pack size W x D x H	750mmx340mmx440mm /29.5in x 13.4in x 17.3in
Multi pack weight	22kg/48lb