

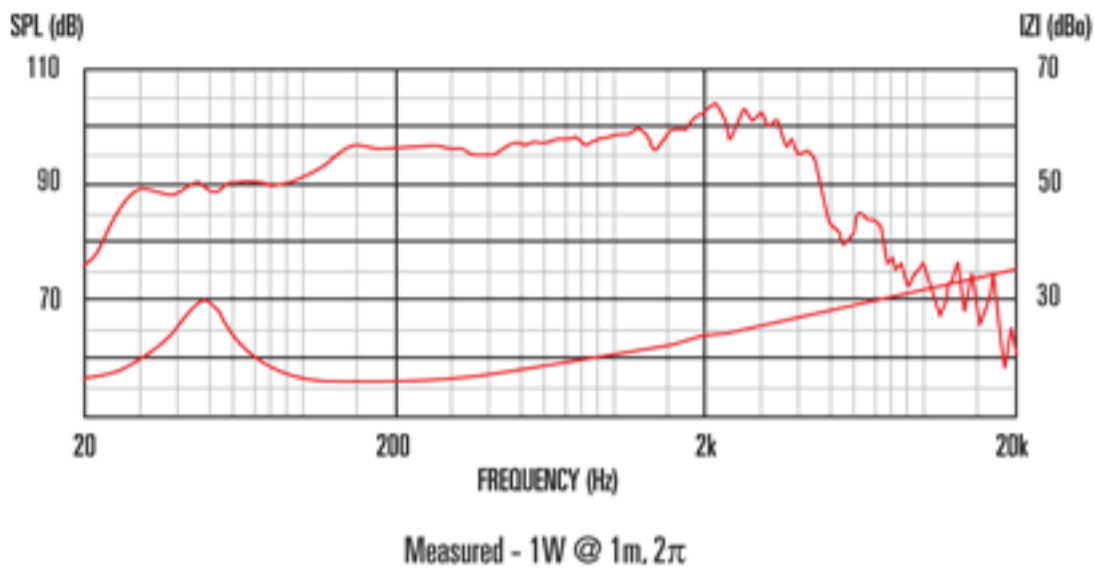
### TF1520



#### 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



1. 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 <sup>1</sup>	150Wrms
Nominal impedance	8
Sensitivity <sup>2</sup>	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 <sup>3</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
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/5.57ft <sup>3</sup>
Bl	11.93Tm
Cms	0.15mm/N
Rms	3.03kg/s
Le (at 1kHz)	1.41mH

#### Mounting Information

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