



# TF1530

Ferrite magnet steel chassis driver

## General Specifications

Nominal diameter	381mm/15in
Power rating <sup>1</sup>	400Wrms
Nominal impedance	8Ω
Sensitivity <sup>2</sup>	99dB
Frequency range	40-3000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	2.44kg/86oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax <sup>3</sup>	2mm/0.08in
Gap depth	8mm/0.31in
Voice coil winding width	12mm/0.47in

## Small Signal Parameters

D	0.33m/12.99in
Fs	45Hz
Mms	91.85g/3.24oz
Mmd	77.70g/2.74oz
Qms	4.20
Qes	0.42
Qts	0.38
Re	5.70Ω
Vas	141.2lt/4.99ft <sup>3</sup>
Bl	18.70Tm
Cms	0.14mm/N
Rms	6.13kg/s
Le (at 1kHz)	1.08mH

## Mounting Information

Overall diameter	385mm/15.16in
Overall depth	163mm/6.42in
Cut-out diameter	352mm/13.86in
Mounting slot dimensions	9.2mm x 6.2mm/0.36in x 0.24in
Number of mounting slots	8
Mounting PCD range	369mm/14.56in
Unit weight	6.1kg/13.4lb

## Packed Dimensions & Weight

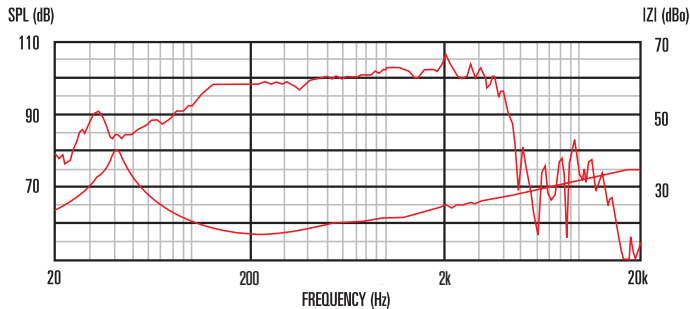
Single pack size W x D x H	410mm x 410mm x 180mm
	/16.1in x 16.1in x 7.1in
Single pack weight	8kg/17.6lb
Multi pack (45) size W x D x H	1200mm x 1000mm x 980mm
	/47.2in x 39.4in x 38.6in
Multi pack (45) weight	320kg/700lb



## Features

- High output 15" bass and mid-range driver
- Efficient magnet assembly enables 99dB sensitivity and 400Wrms (AES standard) power handling
- 3" high temperature copper voice coil wound on polyimide for increased reliability
- Double roll surround for greater excursion control
- Superb price/performance ratio

## Frequency Response and Impedance Curves



Measured - 1W @ 1m, 2π

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 2π; anechoic environment.  
 3. Xmax derived from: (voice coil winding width-gap depth)/2.