

TF1530e

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



- 15 speaker driver unit provides extended low frequency range

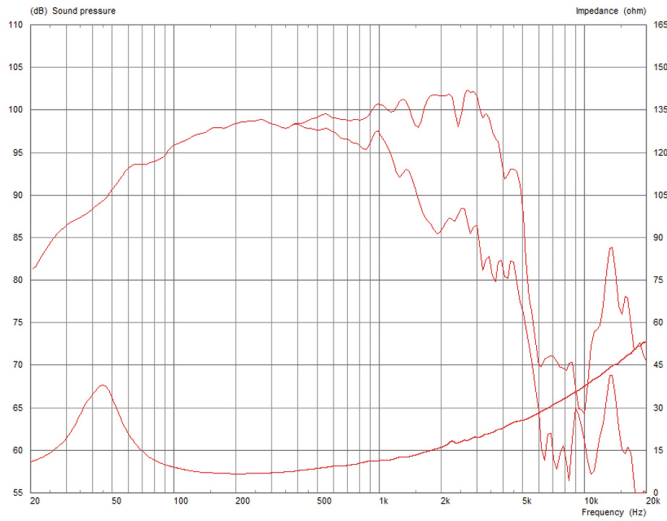
General Specifications

Nominal Diameter	381mm / 15in
Power Rating	400W
Continuous power rating	800W
EIA power rating	550W
Rated impedance	8 Ω
Sensitivity	98dB
Frequency range	40-3000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	2.44kg / 86oz
Voice coil diameter	75mm / 3in
Voice coil material	Edgewound copper clad aluminium
Former material	Glass Fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	17mm / 0.67in

Mounting Information

Overall diameter	385mm / 15.16in
Overall depth	161mm / 6.3in
Cut-out diameter	352mm / 13.86in
Mounting hole dimensions	9.4x6.2mm / 0.37x0.24in
Number of mounting holes	8
Mounting hole PCD	369mm / 14.57in
Unit weight	6.5kg / 14.3lb

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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.

$X_{max} = 0.5 \cdot (H_{vc} - H_g) + 0.25 \cdot H_g$

Parameters

Sd	855.30cm ² / 132.57in ²
Fs	43.60Hz
Mms	71.94g / 2.54oz
Qms	2.757
Qes	0.373
Qts	0.328
Re	548Ω
Vas	191.62l / 6.77ft ³
Bi	17.03Tm
Cms	0.19mm/N
Rms	7.15kg/s
Le (at 1kHz)	0.79mH
Xmax	6.5mm / 0.26in

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	6.8kg / 15.0lb
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	325kg / 715lb

CELESTION