CELESTION

Legacy Pro Audio

TF1520

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

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

300W
Continuous power rating

96dB
Sensitivity

2in
Round copper voice coil

General Specifications

Nominal Diameter	381mm / 15in
Power Rating	150W
Continuous power rating	300W
EIA power rating	250W
Rated impedance	8 ohm
Sensitivity	96dB
Frequency range	45-4000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.1kg / 40oz
Voice coil diameter	50mm / 2in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.24in
VC winding height (Hvc)	14.5mm / 0.57in

Mounting Information

Overall diameter	385mm / 15.16in
Overall depth	158mm / 6.2in
Cut-out diameter	352mm / 13.86in
Mounting hole dimensions	9.4x6.3mm / 0.37x0.25in
Number of mounting holes	8
Mounting hole PCD	370mm / 14.57in
Unit weight	5.0kg / 11.0lb

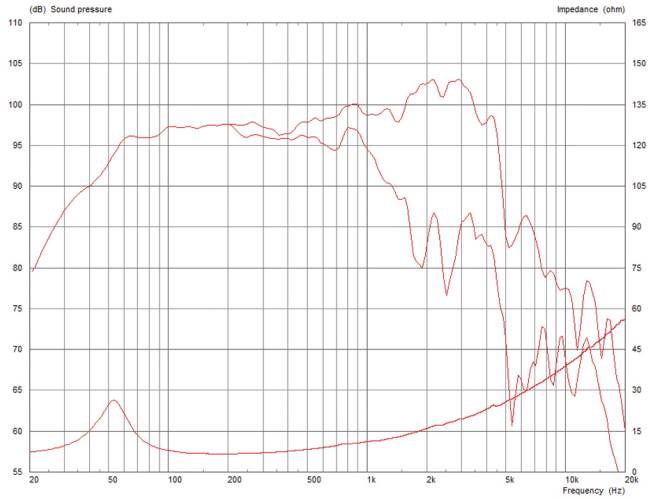
Parameters

Sd	855.30cm^2 / 132.57in^2
Fs	54.90Hz
Mms	65.49g / 2.31oz
Qms	5.165
Qes	0.840
Qts	0.723
Re	5.79 ohm
Vas	132.98l / 4.70ft^3
Bl	12.48Tm
Cms	0.13mm/N
Rms	4.37kg/s
Le (at 1kHz)	0.80mH
Xmax	3mm / 0.12in

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 / 12.1lb
Multi pack qty	4
Multi pack size W x D x H	750mm x 340mm x 440mm / 29.5in x 13.4in x 17.3in
Multi pack weight	22kg / 48lb

Frequency Response and Impedance Curves



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.
Xmax: Hvc-Hg/2

CELESTION

Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom