CELESTION

Legacy Loudspeakers

TN1530 (LEGACY)

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 pi anechoic environment.
Parameters: Measured after unit subjected to pre-conditioning signal.
Xmax: Hvc-Hg/2

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

- Compact high flux Dual Magnet Motor design
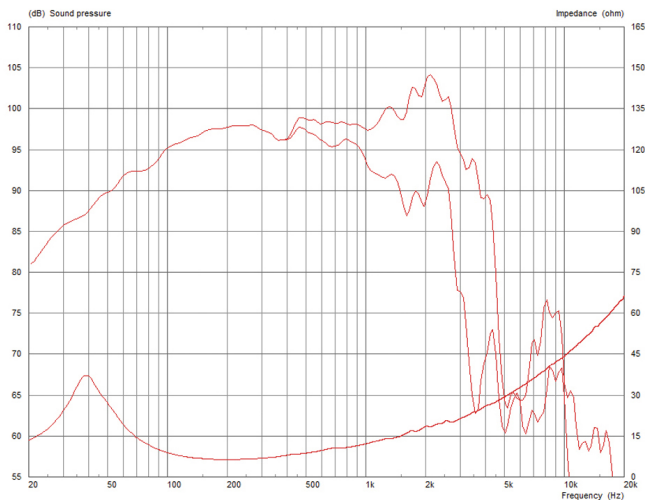- Vented cast aluminium heatsink

600W	**98dB**	**3in**
Continuous power rating	sensitivity	Round copper voice coil

General Specifications

Nominal Diameter	381mm / 15in
Power Rating	300W
Continuous power rating	600W
EIA power rating	450W
Rated impedance	8 ohm
Sensitivity	98dB
Frequency range	40-3000Hz
Chassis type	Pressed steel
Magnet type	Neodymium
Voice coil diameter	75mm / 3in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	10mm / 0.39in
VC winding height (Hvc)	17.5mm / 0.69in

Mounting Information

Overall diameter	385mm / 15.16in
Overall depth	160mm / 6.3in
Cut-out diameter	352mm / 13.86in
Mounting hole dimensions	9.2x6.2mm / 0.36x0.24in
Number of mounting holes	8
Mounting hole PCD	369mm / 14.53in
Unit weight	2.8kg / 6.2lb

Parameters

Sd	855.30cm^2 / 132.57in^2
Fs	42.50Hz
Mms	92.58g / 3.27oz
Qms	2.619
Qes	0.358
Qts	0.315
Re	5.38 ohm
Vas	156.55l / 5.53ft^3
Bl	19.29Tm
Cms	0.15mm/N
Rms	9.45kg/s
Le (at 1kHz)	1.11mH
Xmax	3.75mm / 0.15in

Packed Dimensions & Weight

Single pack size W x D x H	410mm x 410mm x 180mm / 16.1in 16.1in x 7.1in
Single pack weight	3.2kg / 7.0lb
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	150kg / 330lb

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