

Legacy Loudspeakers

TF1230 (Legacy)

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



- **Airflow vented magnet assembly for dynamic heat dispersion**

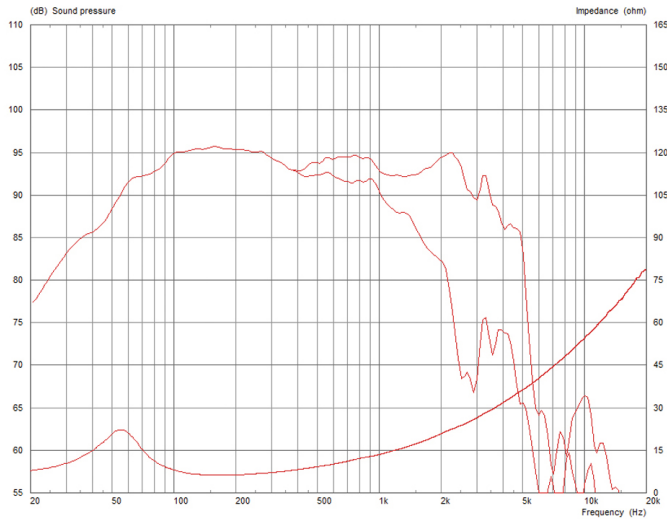
General Specifications

Nominal Diameter	305mm / 12in
Power Rating	350W
Continuous power rating	700W
EIA power rating	500W
Rated impedance	8 Ω
Sensitivity	94dB
Frequency range	45-3000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.4kg / 48oz
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)	8mm / 0.24in
VC winding height (Hvc)	17.5mm / 0.69in

Mounting Information

Overall diameter	309mm / 12.17in
Overall depth	140mm / 5.5in
Cut-out diameter	283mm / 11.14in
Mounting hole dimensions	7.9mm / 0.31in
Number of mounting holes	4
Mounting hole PCD	297mm / 11.69in
Unit weight	4.3kg / 9.46lb

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.

Xmax: Hvc-Hg/2

Parameters

Sd	530.93cm ² / 82.29in ²
Fs	59.00Hz
Mms	56.86g / 2.01oz
Qms	2.449
Qes	0.652
Qts	0.515
Re	5.19Ω
Vas	51.12l / 1.81ft ³
Bi	12.96Tm
Cms	0.13mm/N
Rms	8.60kg/s
Le (at 1kHz)	1.31mH
Xmax	5mm / 0.19in

Packed Dimensions & Weight

Single pack size W x D x H	330mm x 330mm x 150mm / 13in x 13in x 5.9in
Single pack weight	5.0kg / 11.0lb
Multi pack qty	60
Multi pack size W x D x H	1080mm x 980mm x 880mm / 42.5in x 38.6in x 34.6in
Multi pack weight	285kg / 620lb

CELESTION