LF Loudspeakers

TF1835

- Balanced Airflow Venting provides enhanced cooling
- Multi-layer voice coil
- Weatherproof cone coating

1400W
Continuous power rating

95dB
Sensitivity

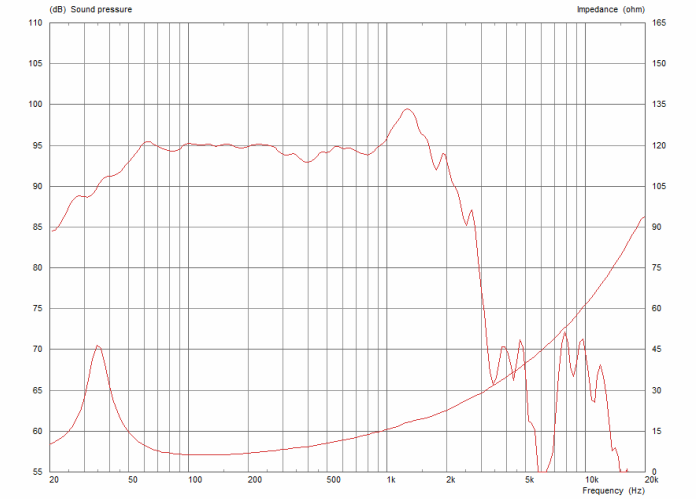
3.5in
Copper voice coil



Mounting Information

Overall diameter	460mm / 18.11in
Overall depth	207.3mm / 8.16in
Cut-out diameter	423.6mm / 16.67in
Mounting hole dimensions	7x13.5mm / 0.28x0.53in
Number of mounting holes	8
Mounting hole PCD	432-445mm / 17-17.52in
Unit weight	10.35kg / 22.8lb

Frequency Response & Impedance



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: 0.5*(Hvc-Hg) + 0.25*Hg

General Specifications

Power Rating	700W
Continuous power rating	1400W
Rated impedance	8 ohm
Sensitivity	95dB
Frequency range	35-1000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	2.95kg / 104oz
Voice coil diameter	89mm / 3.5in
Voice coil material	Copper
Former material	Glass fibre
Cone material	Reinforced cellulose, waterproof coating
Surround material	Triple roll, cloth sealed
Gap height (Hg)	10mm / 0.39in
VC winding height (Hvc)	25mm / 0.98in

Parameters

Sd	1134.12m2 / 175.79in^2
Fs	37Hz
Mms	226.79g / 7.9oz
Qms	6.257
Qes	0.585
Qts	0.535
Re	5.26 ohm
Vas	148.3l / 5.24ft^3
Bl	21.78Tm
Cms	0.081mm/N
Rms	8.431kg/s
Le (at 1kHz)	1.91mH
Xmax	10mm / 0.39in

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