

LF Loudspeakers

POWERPROX18E

18-inch pressed steel chassis, ferrite magnet LF driver

- PowerProX speakers are built for maximum performance and reliability throughout the lifespan of each speaker
- Dynamic airflow venting delivers class-leading heat management
- Multi-layer voice coil
- Robust pressed steel chassis

2000W

Continuous power rating

96dB

Sensitivity

4in

Copper voice coil

General Specifications

Power Rating	1000W
Continuous power rating	2000W
Rated impedance	8 ohm
Sensitivity	96dB
Frequency range	45 - 450Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	3.54kg / 125oz
Voice coil diameter	100mm / 4in
Voice coil material	Copper
Former material	Glass fibre
Cone material	Cellulose
Surround material	Triple roll, cloth sealed
Gap height (Hg)	11.75mm / 0.46in
VC winding height (Hvc)	25mm / 0.98in

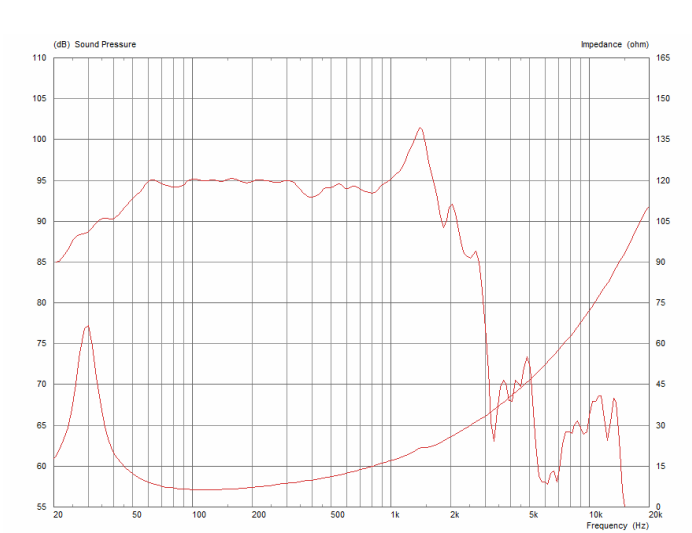
Parameters

Sd	1256cm ² / 194.68in ²
Fs	32Hz
Mms	226.06
Qms	5.877
Qes	0.47
Qts	0.435
Re	5.82 ohm
Vas	246.15l / 8.69 ft ³
Bl	23.67Tm
Cms	0.11mm/N
Rms	7.7kg/s
Le (at 1kHz)	1.97mH
Xmax	9.5mm / 0.374in

Mounting Information

Overall diameter	459.6mm / 18.09in
Overall depth	218mm / 8.58in
Cut-out diameter	423mm / 16.65in
Number of mounting holes	8
Mounting hole PCD	432-445mm / 17-17.5in
Unit weight	12.2kg / 26.9lb

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

Xmech: Maximum peak-to-peak excursion before damage.