

LF18G400

WOOFFR

DESCRIPTION

The LF18G400 is a 18-inch woofer with linear frequency response cheracteristics and very high power handling.

The LF18G400 uses a fibre loaded cone assembly along with a high excursion triple roll, constant geometry surround. This combination provides remarkable strength and peak to peak maximum excursion of 50mm. Special features of this 18" are the unique T-pole, curved against voice coil overdriving and 14mm top plate for best control and power handling.



FEATURES

- 4-inch, fiberglass inside/outside copper voice coil
- 2000W continuous program power handling
- 97.5 dB Sensitivity
- 25 Hz 1 kHz Frequency range
- T-pole, curved on top. 14mm top plate for minimum power compression
- Dual spider design with silicon based dampening control
- Triple-roll surround and corrugated straight cone geometry



TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter:	18 inch / 457 mm
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Rated Impedance: 8 ohm
Program Power (watt): 2000 W
Power handling capacity: 1000 W
Sensitivity: 97 dB

Frequency range: 25 - 1000 Hz
Effective piston diameter: 395 mm / 15.55 inch

Max. Excursion Before Damage: 50 mm / 1.97 inch

Minimum Impedance (ohm): 6 ohm

Voice Coil Diameter: 4.0 inch / 102 mm

Voice Coil Winding Material: Copper

Voice Coil Length: 25 mm / 0.98 inch

Number of layers: 2

Kind of layers: inside/outside

Top Plate Thickness: 14 mm / 0.55 inch

Cone Design: Straight
Surround Material: Polycotton
Surround Design: Triple roll
Magnets: Ceramic

Spider: Dual with silicon based damping control

5.10 ohm

Thiele - small parameters Resonance frequency (Fs): 28 Hz

DC resistance (Re) (ohm):

Mechanical factor: 4.60 Qms Electrical factor: 0.29 Qes Total factor: 0.27 Qts BI factor (BI) (T x m): 24.20 T x m Effective moving mass (Mms): 190 gr Equivalent Cas air loaded (Vas): 360 liters 0.12 m2 Effettive piston area (Sd): Max. linear excursion (Xmax): 9 mm Voice coil inductance @ 1kHz (Le1k): 1.20 mH Half-space efficency (Eff): 2.63%

Mounting informations Overall diameter: 465 mm / 18.31 inches

Bolt circle diameter: 442-447 mm / 17.4-17.6 inch

Bolt hole diameter: 424 mm / 16.69 inch
Front mount baffle cut-out: 424 mm / 16.69 inch
Rear mount baffle cut-out: 424 mm / 16.69 inch
Volume occupied by the driver: 7 liters / 0.28 ft3

Standard compliance CE marking: Yes

Physical specificationsColor:
Black

DATASHEET



 Size
 Height:
 228 mm / 8.98 inches

 Diameter:
 465 mm / 18.31 inches

 Weight:
 13.3 kg / 29.32 lbs

Shipping informations Package Height: 270 mm / 10.63 inches

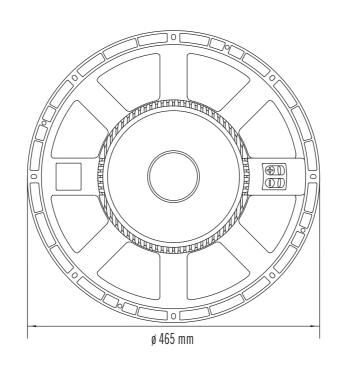
Package Width: 515 mm / 20.28 inches
Package Depth: 505 mm / 19.88 inches
Package Weight: 15 kg / 33.07 lbs

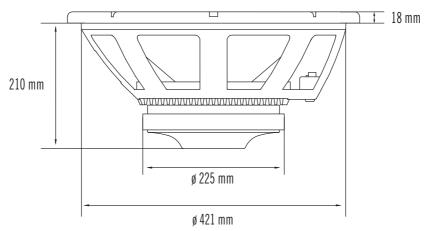
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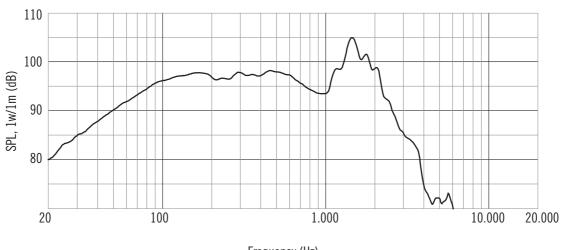
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LF18G400 8ohm

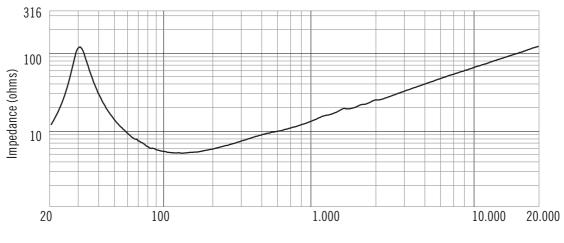












Frequency (Hz)