

L18P300

WOOFFR

DESCRIPTION

In production for over 10 years, the L18P300 is an industry standard. The very stromg magnetic unit, with 15mm thick plates and specially designed suspensions ensure an excellent control of amplitude of over +/-12millimeters.

The special cooling system with forced air ventilation offer a great haet dissipation and the minimum levels of power compression available on the market. Voice coil construction, suapensions and cone materials are upgraded in order to withstand up to a Kilowatt RMS power.



FEATURES

- 4-inch, fiberglass inside/outside copper voice coil
- 2000W continuous program power handling
- 97 dB Sensitivity
- 35 Hz 1.5 kHz Frequency range
- Forced air ventilation and 15mm top plate for minimum power compression
- Dual spider design with silicon based dampening control
- M-roll surround and exponential 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: 35 - 1000 Hz

Effective piston diameter: 380 mm / 14.96 inch
Max. Excursion Before Damage: 40 mm / 1.57 inch

Minimum Impedance (ohm): 6 ohm

Voice Coil Diameter: 4.0 inch / 102 mm

Voice Coil Material: Copper

Voice Coil Winding Material: 23 mm / 0.91 inch

Number of layers: 2

Kind of layers: inside/outside

Top Plate Thickness: 15 mm / 0.59 inch

Cone Design: Curved
Surround Material: Polycotton
Surround Design: M-roll
Magnets: Ceramic
Dual-force air ventilation: Yes

Spider: Dual with silicon based damping control

5.00 ohm

Thiele - small parameters Resonance frequency (Fs): 33 Hz

DC resistance (Re) (ohm):

Mechanical factor: 8.30 Qms Electrical factor: 0.34 Qes Total factor: 0.33 Qts BI factor (BI) (T x m): 23.50 T x m Effective moving mass (Mms): 180 gr Equivalent Cas air loaded (Vas): 226 liters Effettive piston area (Sd): 0.11 m2 Max. linear excursion (Xmax): 8 mm Voice coil inductance @ 1kHz (Le1k): 1.80 mH Half-space efficency (Eff): 2.30%

Mounting informations Overall diameter: 460 mm / 18.11 inches

Bolt circle diameter: 438 mm / 17.24 inch
Bolt hole diameter: 8 mm / 0.31 inch
Front mount baffle cut-out: 416 mm / 16.38 inch
Rear mount baffle cut-out: 418 mm / 16.46 inch
Volume occupied by the driver: 6.5 liters / 0.26 ft3

Standard compliance CE marking: Yes

DATASHEET

PART NUMBER



 Size
 Height:
 202 mm / 7.95 inches

 Diameter:
 460 mm / 18.11 inches

Weight: 13 kg / 28.66 lbs

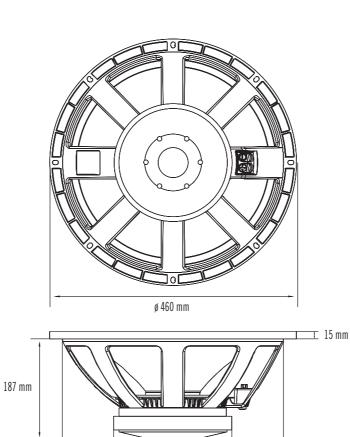
Shipping informations Package Height: 270 mm / 10.63 inches

Package Width: 520 mm / 20.47 inches
Package Depth: 495 mm / 19.49 inches
Package Weight: 15 kg / 33.07 lbs

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L18P300 L18P300 4ohm 8ohm





ø 220 mm ø 412 mm

