

L18P300

WOOFFR

DESCRIPTION

In production for over 20 years, the L18P300 is an industry-standard. With 15 mm thick plates and specially designed suspensions, the sturdy magnetic unit ensures an excellent amplitude control of over +/- 12 millimeters. The special cooling system with forced air ventilation offers excellent heat dissipation and minimum power compression. Voice coil construction, suspensions, and cone materials can withstand massive RMS power. The L18P300 finds its best application in bass reflex and bandpass systems. Its capacity to reproduce extremely low frequencies with remarkable definition makes it one of the favorite woofer in its category, ideal for live and recorded music.



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 silicone based dampening control
- M-roll surround and exponential cone geometry

Rev. E Last update: 11/01/2021



Standard compliance	 CE marking:	Yes
	Volume occupied by the driver:	6.5 liters / 0.26 ft3
	Rear mount baffle cut-out:	418 mm / 16.46 inch
	Front mount baffle cut-out:	416 mm / 16.38 inch
	Bolt hole diameter:	8 mm / 0.31 inch
	Bolt circle diameter:	438 mm / 17.24 inch
Mounting informations	Overall diameter:	460 mm / 18.11 inches
	Half-space efficency (Eff):	2.30%
	Voice coil inductance @ 1kHz (Le1k):	1.80 mH
	Max. linear excursion (Xmax):	8 mm
	Effettive piston area (Sd):	0.110 m2
	Equivalent Cas air loaded (Vas):	226.0 liters
	Effective moving mass (Mms):	180.0 g
	Bl factor (Bl) (T x m):	23.50 T x m
	Total factor:	0.33 Qts
	Electrical factor:	0.34 Qes
	Mechanical factor:	8.30 Qms
	DC resistance (Re) (ohm):	5.00 ohm
Thiele - small parameters	Resonance frequency (Fs):	33 Hz
	Spider:	Dual with silicon based damping control
	Dual-force air ventilation:	Yes
	Magnets:	Ceramic
	Surround Design:	M-roll
	Surround Material:	Polycotton
	Cone Design:	Curved
	Top Plate Thickness:	15 mm / 0.59 inch
	Kind of layers:	inside/outside
	Number of layers:	2
	Voice Coil Length:	23 mm / 0.91 inch
	Voice Coil Winding Material:	Copper
	Voice Coil Diameter:	4.0 inch / 102 mm
	Minimum Impedance (ohm):	6.0 ohm
	Max. Excursion Before Damage:	40 mm / 1.57 inch
	Effective piston diameter:	380 mm / 14.96 inch
	Sensitivity: Frequency range:	97.0 dB 35 - 1000 Hz
	Power handling capacity:	1000 W
	Program Power (watt):	2000 W
	Rated Impedance:	8 ohm

DATASHEET



 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

L18P300

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

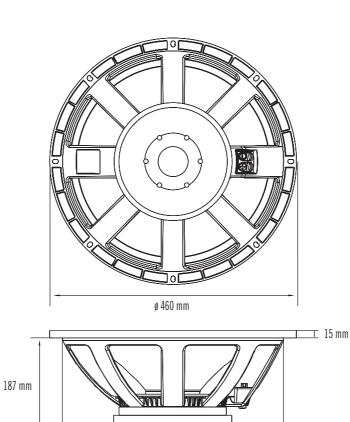
PART NUMBER

L18P300

· 11187012 · 11185016

4ohm 8ohm





ø 220 mm ø 412 mm

