



L18P300

WOOFER



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.
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| Features | <ul style="list-style-type: none">› 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 |
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Part Number	11185016 L18P300 8ohm
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TECHNICAL SPECIFICATIONS		
General specifications	Nominal Diameter	18 inch / 457 mm
	Rated Impedance	8 ohm
	Program Power (watt)	2000 W
	Power handling capacity	1000 W
	Sensitivity	97.0 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)	6.0 ohm
	Voice Coil Diameter	4.0 inch / 102 mm
	Voice Coil Winding Material	Copper
	Voice Coil Length	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
Thiele - small parameters	Resonance frequency (Fs)	33 Hz
	DC resistance (Re) (ohm)	5.00 ohm
	Mechanical factor	8.30 Qms
	Electrical factor	0.34 Qes
	Total factor	0.33 Qts
	Bl factor (Bl) (T x m)	23.50 T x m
	Effective moving mass (Mms)	180.0 g
	Equivalent Cas air loaded (Vas)	226.0 liters
	Effective piston area (Sd)	0.110 m ²
	Max. linear excursion (Xmax)	8 mm
	Voice coil inductance @ 1kHz (Le1k)	1.80 mH
	Half-space efficiency (Eff)	2.30%
Mounting information	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 ft ³
Standard compliance	Safety agency	CE compliant



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Size / Weight	Height	202 mm / 7.95 inches
	Diameter	460 mm / 18.11 inches
	Weight	13 kg / 28.66 lbs



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Line Art 2D

