L15P540

WOOFER



Description

High power 15" woofer.
Very good power handling, excellent linearity and very low distortion. Very efficient heat dissipation in ensured by a radiator that is part of the basket design. The air is forced in the radiator thanks to a dual sealed spider design.

Features

- 3-inch, fiberglass inside/outside copper voice coil
- 1000W continuous program power handling
- 98 dB Sensitivity
- 40 Hz – 2 kHz Frequency range
- Dual spider design with silicon based dampening control
- M-roll surround and exponential cone geometry

Part Number

11165015	L15P540	8ohm	Black

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TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter	15 inch / 381 mm
	Rated Impedance	8 ohm
	Program Power (watt)	1000 W
	Power handling capacity	500 W
	Sensitivity	98.0 dB
	Frequency range	40 - 2000 Hz
	Effective piston diameter	330 mm / 12.99 inch
	Max. Excursion Before Damage	36 mm / 1.42 inch
	Minimum Impedance (ohm)	6.8 ohm
	Voice Coil Diameter	3.0 inch / 76 mm
	Voice Coil Winding Material	Copper
	Voice Coil Length	18 mm / 0.71 inch
	Number of layers	2
	Kind of layers	inside/outside
	Top Plate Thickness	10 mm / 0.39 inch
	Cone Design	Curved
	Surround Material	Polycotton
	Surround Design	M-roll
	Magnets	Ceramic
	Spider	Dual with silicon based damping control
Thiele - small parameters	Resonance frequency (Fs)	50 Hz
	DC resistance (Re) (ohm)	5.60 ohm
	Mechanical factor	9.70 Qms
	Electrical factor	0.41 Qes
	Total factor	0.39 Qts
	Bl factor (Bl) (T x m)	21.40 T x m
	Effective moving mass (Mms)	106.0 g
	Equivalent Cas air loaded (Vas)	100.0 liters
	Effective piston area (Sd)	0.090 m2
	Max. linear excursion (Xmax)	7 mm
	Voice coil inductance @ 1kHz (Le1k)	1.50 mH
	Half-space efficency (Eff)	2.94%
Mounting information	Overall diameter	387 mm / 15.24 inches
	Bolt circle diameter	371 mm / 14.61 inch
	Bolt hole diameter	7 mm / 0.28 inch
	Front mount baffle cut-out	352 mm / 13.86 inch
	Rear mount baffle cut-out	360 mm / 14.17 inch
	Volume occupied by the driver	3.8 liters / 0.15 ft3
Standard compliance	Safety agency	CE compliant
Physical specifications	Color	Black

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Size / Weight	Height	184 mm / 7.24 inches
	Diameter	387 mm / 15.24 inches
	Weight	8.8 kg / 19.4 lbs

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Line Art 2D

