



L15P540

WOOFER



Description	High power 15" woofer. Very good power handling, excellent linearity and very low distortion. Very efficient heat dissipation is 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.
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| Features | <ul style="list-style-type: none">› 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 |
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Part Number	11165015	L15P540	8ohm	Black
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L15P540

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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 m ²
Max. linear excursion (Xmax)	7 mm
Voice coil inductance @ 1kHz (Le1k)	1.50 mH
Half-space efficiency (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 ft ³

Standard compliance

Safety agency	CE compliant
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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

