

# 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.



### 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

## 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 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 ohm
Voice Coil Diameter:	3.0 inch / 76 mm
Voice Coil Material:	Copper
Voice Coil Winding Material:	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 gr
Equivalent Cas air loaded (Vas):	100 liters
Effettive piston area (Sd):	0.09 m2
Max. linear excursion (Xmax):	7 mm
Voice coil inductance @ 1kHz (Le1k):	1.50 mH
Half-space efficiency (Eff):	2.94%

### Mounting informations

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

CE marking:	Yes
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### Physical specifications

Color:	Black
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<b>Size</b>	Height:	184 mm / 7.24 inches
	Diameter:	387 mm / 15.24 inches
	Weight:	8.8 kg / 19.4 lbs

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<b>Shipping informations</b>	Package Height:	225 mm / 8.86 inches
	Package Width:	435 mm / 17.13 inches
	Package Depth:	435 mm / 17.13 inches
	Package Weight:	10.2 kg / 22.49 lbs

## **PART NUMBER**

- **11165015**

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8ohm



