

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

Rev. B Last update: 08/03/2022



TECHNICAL SPECIFICATIONS

Nominal Diameter: 15 inch / 381 mm Rated Impedance 8 ohm 1000 W	TECHNICAL SPECIFICATIONS	5	
Program Power (watt):	General specifications	Nominal Diameter:	15 inch / 381 mm
Power handling capacity:		Rated Impedance:	8 ohm
Sensitivity: 98.0 dB		Program Power (watt):	1000 W
Frequency range:		Power handling capacity:	500 W
Effective piston diameter:		Sensitivity:	98.0 dB
Max. Excursion Before Damage:		Frequency range:	40 - 2000 Hz
Minimum Impedance (ohm):		Effective piston diameter:	330 mm / 12.99 inch
Voice Coil Winding Material:		Max. Excursion Before Damage:	36 mm / 1.42 inch
Voice Coil Winding Material:		Minimum Impedance (ohm):	6.8 ohm
Voice Coil Length: Number of layers: 2 2 2 2 2 2 2 2 2 2		Voice Coil Diameter:	3.0 inch / 76 mm
Number of layers: 2		Voice Coil Winding Material:	Copper
Kind of layers:		Voice Coil Length:	18 mm / 0.71 inch
Top Plate Thickness: 10 mm / 0.39 inch		Number of layers:	2
Cone Design: Curved		Kind of layers:	inside/outside
Surround Material:		Top Plate Thickness:	10 mm / 0.39 inch
Surround Design: M-roll		Cone Design:	Curved
Magnets:		Surround Material:	Polycotton
Thiele - small parameters Resonance frequency (Fs): 50 Hz DC resistance (Re) (ohm): 5.60 ohm Mechanical factor: 9.70 Qms Electrical 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 (Lelk): 1.50 mH Half-space efficency (Eff): 2.94% Mounting informations Overall 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: 350 mm / 14.17 inch Volume occupied by the driver: 3.81 iters / 0.15 ft3 Standard compliance CE marking: Yes Standard compliance Resonance frequency (Fs): 50 Hz David value of the side of		Surround Design:	M-roll
Resonance frequency (Fs): 50 Hz		Magnets:	Ceramic
DC resistance (Re) (ohm):		Spider:	Dual with silicon based damping control
Mechanical factor: 9.70 Qms	Thiele - small parameters	Resonance frequency (Fs):	50 Hz
Electrical factor:		DC resistance (Re) (ohm):	5.60 ohm
Total factor:		Mechanical factor:	9.70 Qms
BI factor (BI) (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 @ lkHz (Lelk): 1.50 mH Half-space efficency (Eff): 2.94% Mounting informations Overall diameter: 387 mm / 15.24 inches Bolt circle 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 Size Height: 184 mm / 7.24 inches Diameter: 387 mm / 15.24 inches		Electrical factor:	0.41 Qes
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 @ lkHz (Lelk): 1.50 mH Half-space efficency (Eff): 2.94% Mounting informations Overall diameter: 387 mm / 15.24 inches Bolt circle diameter: 7 mm / 0.28 inch Front mount baffle cut-out: 352 mm / 14.61 inch Rear mount baffle cut-out: 352 mm / 14.71 inch Volume occupied by the driver: 3.8 liters / 0.15 ft3 Standard compliance CE marking: Yes Size Height: 184 mm / 7.24 inches Diameter: 387 mm / 15.24 inches		Total factor:	0.39 Qts
Equivalent Cas air loaded (Vas): Effective piston area (Sd): O.090 m2 Max. linear excursion (Xmax): Voice coil inductance @ lkHz (Lelk): Half-space efficency (Eff): Overall diameter: Bolt circle diameter: Front mount baffle cut-out: Front mount baffle cut-out: Rear mount baffle cut-out: Volume occupied by the driver: Standard compliance Equivalent Cas air loaded (Vas): O.090 m2 7 mm 7 mm 887 mm 15.24 inches 371 mm 14.61 inch 7 mm 9.28 inch 860 mm 14.17 inch 970 lume occupied by the driver: Standard compliance CE marking: Yes Standard compliance Height: Diameter: Size Height: Diameter: 387 mm 15.24 inches		BI factor (BI) (T x m):	21.40 T x m
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Standard complianceCE marking:YesSizeHeight: Diameter:184 mm / 7.24 inches 387 mm / 15.24 inches		Front mount baffle cut-out:	352 mm / 13.86 inch
Standard compliance CE marking: Yes Size Height: 184 mm / 7.24 inches Diameter: 387 mm / 15.24 inches		Rear mount baffle cut-out:	360 mm / 14.17 inch
Size Height: 184 mm / 7.24 inches Diameter: 387 mm / 15.24 inches		Volume occupied by the driver:	3.8 liters / 0.15 ft3
Diameter: 387 mm / 15.24 inches	Standard compliance	CE marking:	Yes
	Size	Height:	184 mm / 7.24 inches
Weight: 8.8 kg / 19.4 lbs		Diameter:	387 mm / 15.24 inches
		Weight:	8.8 kg / 19.4 lbs



Shipping informations 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

L15P540 8ohm







