



L15P400

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Description	Incredibly linear frequency response characteristics, extreme high power handling while generating the lowest harmonic distortion of any comparable 15-inch transducer within its application range. The L15P400 uses a fibre loaded cone assembly along with a high excursion triple roll surround. This combination provides remarkable strength and a peak to peak maximum excursion of 52mm. The T-pole also features RCF Precision's spaced gap demodulation technology, progressively braking the voice coil, providing a much smoother transition for the moving mass as it reaches its maximum excursion limits. Forced air venting system.		
Features	› 4-inch, fiberglass inside/outside copper voice coil › 1600W continuous program power handling › 97 dB Sensitivity › 30 Hz – 1.5 kHz Frequency range › Aluminum demodulation ring › Forced air ventilation and 14mm top plate for minimum power compression › Dual spider design with silicon based dampening control › Triple-roll surround and corrugated straight cone geometry		
Part Number	11100045	L15P400	8ohm



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TECHNICAL SPECIFICATIONS

General specifications

Nominal Diameter	15 inch / 381 mm
Rated Impedance	8 ohm
Program Power (watt)	1600 W
Power handling capacity	800 W
Sensitivity	97.0 dB
Frequency range	30 - 1500 Hz
Effective piston diameter	340 mm / 13.39 inch
Max. Excursion Before Damage	50 mm / 1.97 inch
Minimum Impedance (ohm)	6.3 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	14 mm / 0.55 inch
Cone Design	Straight
Surround Material	Polycotton
Surround Design	Triple roll
Magnets	Ceramic
Dual-force air ventilation	Yes
Spider	Dual with silicon based damping control

Thiele - small parameters

Resonance frequency (Fs)	36 Hz
DC resistance (Re) (ohm)	4.80 ohm
Mechanical factor	7.50 Qms
Electrical factor	0.27 Qes
Total factor	0.25 Qts
Bl factor (Bl) (T x m)	24.80 T x m
Effective moving mass (Mms)	150.0 g
Equivalent Cas air loaded (Vas)	160.0 liters
Effective piston area (Sd)	0.090 m ²
Max. linear excursion (Xmax)	8 mm
Voice coil inductance @ 1kHz (Le1k)	1.20 mH
Half-space efficiency (Eff)	2.60%

Mounting information

Overall diameter	393 mm / 15.47 inches
Bolt circle diameter	371-376 mm / 14.61-14.8 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	4.3 liters / 0.17 ft ³

Standard compliance

Safety agency	CE compliant
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Size / Weight	Height	159 mm / 6.26 inches
	Diameter	393 mm / 15.47 inches
	Weight	13.5 kg / 29.76 lbs



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Line Art 2D

