

DELTA 15LF (4 ohm)

Nominal Basket Diameter	15", 381mm
Impedance	4 ohms
Power Rating	500Wrms
Resonance	39Hz
Usable Frequency Range	40Hz - 2.5kHz
Sensitivity	see guide on web
Magnet Weight	56oz.
Gap Height	0.375", 9.52mm
Voice Coil Diameter	2.5", 63.5mm

Mounting Information

Recommended Enclosure Volume (vented)	92 - 150 liters 3.25 - 5.3 cu. ft.
Overall Diameter	15.15", 384.8mm
Baffle Hole Diameter	13.77", 349.6mm
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.05", 153.6mm
Shipping Weight	15.3lbs., 7 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	39Hz
Impedance (Re)	3.27 ohms
Coil Inductance (Le)	1.09mH
Electromagnetic Q (Qes)	0.50
Mechanical Q (Qms)	7.74
Total Q (Qts)	0.47
Compliance Equivalent Volume (Vas)	221.64 liters 7.83 cu. ft.
Mechanical Compliance of Suspension (Cms)	0.22mm/N
BL Product (BL)	11.2 T-M
Diaphragm Mass inc. Airlod (Mms)	79 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	2.47N*sec/M
Efficiency Bandwidth Product (EBP)	78
Voice Coil Overhang (Xmax)	4.8mm
Surface Area of Cone (Sd)	856.3cm ²



Application Notes

Eminence LF models are specially designed with extended Xmax to deliver more bass than standard models and provide 'a true woofer' for three-way applications. Performance optimized for high power bass in sound reinforcement systems, bass guitar combos, club music systems and stage monitors.

Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 27ga., copper voice coil for improved power handling and durability
- Ferrite Magnet
- Vented and extended core for increased power handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Rolled cloth cone edge with deep corrugations for extended Xmax
- Solid composition paper dust cap

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