

DELTA 12 (16 ohm)

Nominal Basket Diameter	12", 304.8mm
Impedance	16 ohms
Power Rating	400Wrms
Resonance	58Hz
Usable Frequency Range	55Hz - 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)	64 - 106 liters
Overall Diameter	2.25 - 3.75 cu. ft.
Baffle Hole Diameter	12.02", 305.2mm
Front Sealing Gasket	10.97", 278.6mm
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	<i>fitted as standard</i>
Mounting Holes B.C.D.	0.25", 6.4mm
Depth	11.63", 295.3mm
Shipping Weight	5.35", 136mm
	13.2lbs., 6 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	58Hz
Impedance (Re)	11.22 ohms
Coil Inductance (Le)	1.36mH
Electromagnetic Q (Qes)	0.45
Mechanical Q (Qms)	6.83
Total Q (Qts)	0.42
Compliance Equivalent Volume (Vas)	2.48 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	82cc
Mechanical Compliance of Suspension (Cms)	0.19mm/N
BL Product (BL)	19.1 T-M
Diaphragm Mass inc. Airload (Mms)	40 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	2.16N*sec/M
Efficiency Bandwidth Product (EBP)	129
Voice Coil Overhang (Xmax)	1.6mm
Surface Area of Cone (Sd)	519.5cm ²
Impedance at Resonance (Zmax)	181 ohms

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Application Notes

Performance optimized for sound reinforcement systems. Also suitable for lead and bass guitar, keyboards, 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, 29ga., aluminum voice coil for lower mass and increased sensitivity
- Ferrite Magnet
- Vented core for increased power handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Cloth cone edge
- Solid composition felt dust cap