

DELTA PRO

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DELTA PRO 15

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	400Wrms
Resonance	42Hz
Usable Frequency Range	40Hz - 4kHz
Sensitivity	see chart on web
Magnet Weight	80oz.
Gap Height	0.375", 9.52mm
Voice Coil Diameter	2.5", 63.5mm

Mounting Information

Recommended Enclosure Volume (vented)	64 - 106 liters 2.25 - 3.75 cu. ft.
Overall Diameter	15.32", 389mm
Baffle Hole Diameter	14.0", 355.5mm <i>fitted as standard</i>
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.275", 7mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.06", 154mm
Shipping Weight	19.8lbs., 9 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	42Hz
Impedance (Re)	5.71 ohms
Coil Inductance (Le)	0.83mH
Electromagnetic Q (Qes)	0.44
Mechanical Q (Qms)	4.73
Total Q (Qts)	0.40
Compliance Equivalent Volume (Vas)	243.5 liters 8.6 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	272cc
Mechanical Compliance of Suspension (Cms)	0.24mm/N
BL Product (BL)	14.5 T-M
Diaphragm Mass inc. Airload (Mms)	61 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	3.41N*sec/M
Efficiency Bandwidth Product (EBP)	95
Voice Coil Overhang (Xmax)	3.2mm
Surface Area of Cone (Sd)	856.3cm ²
Impedance at Resonance (Zmax)	67ohms
Maximum Linear Excursion (Xmech)	27.31mm



Application Notes

For all high power bass applications, ideal for 2-way PA systems.

Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 28ga., copper voice coil for improved power-handling and durability
- Ferrite Magnet
- Vented and extended core for increased power-handling
- Die-cast aluminum basket for rigidity
- Paper cone
- Rolled cloth cone edge with deep corrugations for extended Xmax
- Solid composition paper dust cap

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