

DELTA PRO 12

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| Nominal Basket Diameter | 12", 304.8mm |
| Impedance | 8 ohms |
| Power Rating | 400Wrms |
| Resonance | 51Hz |
| Usable Frequency Range | 50Hz - 5kHz |
| Sensitivity | see guide on web |
| Magnet Weight | 80oz. |
| Gap Height | 0.375", 9.52mm |
| Voice Coil Diameter | 2.5", 63.5mm |

Mounting Information

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| Recommended Enclosure Volume (vented) | 51 - 83 liters 1.8 - 2.92 cu. ft. |
| Overall Diameter | 12.38", 314.3mm |
| Baffle Hole Diameter | 11.06", 281mm |
| 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. | 11.57", 293.8mm |
| Depth | 6.22", 158mm |
| Shipping Weight | 18.1lbs., 8.2 kg. |

Thiele-Small Parameters

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| Resonant Frequency (fs) | 51Hz |
| Impedance (Re) | 5.71 ohms |
| Coil Inductance (Le) | 0.84mH |
| Electromagnetic Q (Qes) | 0.37 |
| Mechanical Q (Qms) | 7.56 |
| Total Q (Qts) | 0.35 |
| Compliance Equivalent Volume (Vas) | 81.7 liters 2.89 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd) | 169cc |
| Mechanical Compliance of Suspension (Cms) | 0.21mm/N |
| BL Product (BL) | 15.3 T-M |
| Diaphragm Mass inc. Airload (Mms) | 48 grams |
| Equiv. Resistance of Mechanical Suspension Loss (Rms) | 2.02N*sec/M |
| Efficiency Bandwidth Product (EBP) | 136 |
| Voice Coil Overhang (Xmax) | 3.2mm |
| Surface Area of Cone (Sd) | 532.4cm ² |
| Impedance at Resonance (Zmax) | 122 ohms |
| 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

Eminence Speaker LLC
P. O. Box 360
Eminence, Kentucky 40019
USA
 502.845.5622 phone
 502.845.5653 fax
info@eminence.com
www.eminence.com

