

ALPHA 10

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| Nominal Basket Diameter | 10", 254mm |
| Impedance | 8 ohms |
| Power Rating | 150Wrms |
| Resonance | 50Hz |
| Usable Frequency Range | 45Hz - 5kHz |
| Sensitivity | see guide on web |
| Magnet Weight | 20oz. |
| Gap Height | 0.25", 6.35mm |
| Voice Coil Diameter | 1.5", 38.1mm |

Mounting Information

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| Recommended Enclosure Volume (vented) | 42 - 71 liters 1.5 - 2.5 cu. ft. |
| Overall Diameter | 10.11", 256.8mm |
| Baffle Hole Diameter | 9.13", 231.8mm |
| Front Sealing Gasket | <i>fitted as standard</i> |
| Rear Sealing Gasket | <i>fitted as standard</i> |
| Mounting Holes Diameter | 0.225", 5.7mm |
| Mounting Holes B.C.D. | 9.6", 243.8mm |
| Depth | 3.90", 99mm |
| Shipping Weight | 5.8lbs., 2.6 kg. |

Thiele-Small Parameters

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| Resonant Frequency (fs) | 50Hz |
| Impedance (Re) | 5.31 ohms |
| Coil Inductance (Le) | 0.66mH |
| Electromagnetic Q (Qes) | 0.66 |
| Mechanical Q (Qms) | 5.21 |
| Total Q (Qts) | 0.59 |
| Compliance Equivalent Volume (Vas) | 82.2 liters 2.9 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd) | 113cc |
| Mechanical Compliance of Suspension (Cms) | 0.46mm/N |
| BL Product (BL) | 7.5 T-M |
| Diaphragm Mass inc. Airload (Mms) | 22 grams |
| Equiv. Resistance of Mechanical Suspension Loss (Rms) | 1.33N*sec/M |
| Efficiency Bandwidth Product (EBP) | 75 |
| Voice Coil Overhang (Xmax) | 3.2mm |
| Surface Area of Cone (Sd) | 355.4cm ² |
| Impedance at Resonance (Zmax) | 47 ohms |
| Maximum Linear Excursion (Xmech) | 18.29mm |

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Application Notes

Ideal for two-way sound reinforcement systems, keyboard, and guitar combos.

Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 31ga., copper voice coil for improved power handling and durability.
- Ferrite Magnet
- Vented core for increased power handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

